GALVESTON COUNTY COMMISSIONERS COURT
GALVESTON COUNTY COURTHOUSE
722 MOODY (FIRST FLOOR) - GALVESTON
JUNE 21, 2011 – 1:00 P.M.

CONSENT AGENDA**:* ALL ITEMS MARKED WITH A SINGLE ASTERISK (*) ARE PART OF THE CONSENT AGENDA AND REQUIRE NO DELIBERATION BY THE COMMISSIONERS COURT. ANY COMMISSIONERS' COURT MEMBER MAY REMOVE AN ITEM FROM THIS AGENDA TO BE CONSIDERED SEPARATELY. ***APPEARANCES: SHOULD ANYONE WISH TO ADDRESS THE COMMISSIONERS COURT ON A SPECIFIC ITEM, PLEASE ARRIVE PRIOR TO THE MEETING AND SIGN IN WITH THE COUNTY CLERK. COMMENTS ARE LIMITED TO 5 MINUTES.

REGULARLY SCHEDULED MEETING – AGENDA – 1:00 P.M.

Pledge of Allegiance and Invocation

Call to Order Regularly Scheduled Meeting.

*1. Submitted by County Auditor's Office

a. Approval of Accounts Payable checks dated 6/21/11.

b. Orders for Supplemental Payroll period ending 6/8/11 Bi-Weekly #12.

c. Internal audit report of Justice of the Peace, Precinct 6 for period of 4/1/2010 through 3/31/2011 also attached is Honorable Judge Pat Vondra's response.

*2. Approval of Summary of *Bi-Weekly Personnel Movements* processed during pay period 12: May 26 – June 8, 2011 as submitted by Human Resources.

*3. Receive and File *Certificates of Course Completion of Open Meetings Act and Public Information Act* for Judge Barbara E. Roberts, County Court No. 2.

*4. Receive and File notice of *County Claim for Recovery of Property Damages* submitted by County Legal as follows: Date of auto collision: April 29, 2010; Damages of $6,493.45.

*5. Receive and File notice of *Revised Title IV-E Reimbursement Budget* as requested by DFPS, submitted by Community Services Director.

*6. Consideration of Approval *of Board of Directors for Galveston County Community Action Council* submitted by the County Judge.

*7. Consideration of Authorization for the County Judge to sign the *Texas Commission on Environmental Quality Landowner Access Permission Form* submitted by the County Judge.

*8. Consideration and Consent of Tax Refunds in excess of $2,500.00 submitted by

Assessor and Collector of Taxes:

Account Number	Amount	Reason
5295-0000-1261-000	$ 7,201.12	Overpayment
3854-0191-0003-000	$ 3,211.23	Overpayment
7248-1001-0005-000	$ 4,089.13	Overpayment
0055-0062-0000-000	$ 3,252.60	Overpayment
1357-0001-0024-000	$ 3,890.14	Duplicate
3505-0401-0012-001	$10,967.59	Overpayment
5294-0000-1134-000	$ 2,914.60	Duplicate
7326-1000-0005-000	$ 6,689.14	Overpayment
7648-0000-0002-000	$ 3,241.62	Duplicate

*9. Consideration and Consent of P & I Refund due to Clerical Error submitted by Assessor and Collector of Taxes:

4458-0000-0005-000 (Lafitte's Harbor Dev. 1 LP)
4458-0000-0003-000 (Lafitte's Harbor Dev. 1 LP)
4458-0000-0002-001 (Lafitte's Harbor Dev. 1 LP)
4458-0000-0001-000 (Lafitte's Harbor Dev. 1 LP) 2009
4458-0000-0001-000 (Lafitte's Harbor Dev. 1 LP) 2010
4458-0000-0000-001 (Lafitte's Harbor Dev. 1 LP)
6255-0000-1138-001 (Richard Fallin) 2008
6255-0000-1138-001 (Richard Fallin) 2009
6255-0000-1138-001 (Richard Fallin) 2010
2996-0000-0605-000 (Kamour Lawal)

10. Consideration of purchase request by District Attorney for 2 multi-function printer/scanners for its Investigation Team with an approximate cost of $900.00, submitted by Information Technology Director.

11. Consideration of application for reimbursement of Extraordinary Expense Disbursement to the Texas Task Force on Indigent Defense, submitted by the Grants Manager.

12. Consideration of Change Order No. 2 to the Durwood Green Construction Co. contract for the Bolivar Peninsula Road Repairs Segment 4 project, submitted by the County Engineer.

13. Consideration of Change Orders 14, 15 and 16 to the W.W. Webber, LLC contract for the FM 646 Pass Thru Toll project, submitted by the County Engineer.

14. Consideration of Change Order No.1 to the Golden West Plastering Co. for Plastering for the Mid County Annex Project, submitted by the County Architect.

15. Consider authorizing an extension on the following bids submitted by the Purchasing Agent.

a. Bid #B072016 Travel Management Services

b. Bid #B102011 Prepare & Print Ballots & Election Supplies

16. Consider recommending awarding a contract on the following bid submitted by the Purchasing Agent.

a. Bid #B111042 Texas City 6th Street Reconstruction

17. Consideration of contract on the following RFP's submitted by the Purchasing Agent.

a. RFP #B092027 Inmate Health Care Medical Services

18. Consideration of Budget Amendments As Submitted by the Budget Officer:

Fiscal Year	Amendment #	Description
2011	**11-096-0621-A**	**Engineering** – Budget request to reallocate funds to road projects and FY 2013 bond recall.
2011	**11-097-0621-B**	**County Auditor** – Budget request to reclassify funds which were classified as revenue in prior year liability account.

19. Consideration of authorizing the County Judge to execute addendum to Interlocal Cooperation Agreement between Galveston County and the Santa Fe Independent School District regarding use of Santa Fe High School during disasters, submitted by the Emergency Management Coordinator.

20. Consideration of approving Memorandum of Eligibility with each of the three newly approved CDBG new home construction contractors and authorize the Housing Director or Assistant Housing Director to execute *site specific construction contracts* as a representative of the County, submitted by the Housing Director.

21. Consideration of Hurricane Ike items:

a. Update on Housing Program submitted by Director of Housing

WORKSHOP WILL BEGIN IMMEDIATELY AFTER COMMISSIONERS COURT ADJOURNS

WORKSHOP AGENDA

1. Redistricting.

2. Two-way radio replacement project - update presented by Sheriff's Department.

3. CDBG housing/infrastructure project update by Galveston County Staff.

AGENDA ITEM #1

THE COUNTY OF GALVESTON

COUNTY AUDITOR'S OFFICE
P O Box 1418
GALVESTON, TEXAS 77553

Cliff Billingsley, CPA
County Auditor

Ron Chapa, CPA
First Assistant, Director of Auditing

Jeff Modzelewski, CPA
First Assistant, Director of Accounting

First Assistant, I T Systems
Latoya Jordan

Honorable Judge Mark Henry
And Members of the Commissioners' Court
Galveston County Courthouse
Galveston, Texas

June 14, 2011

I hand you the following items for action at the meeting of Commissioners' Court on Tuesday,

Submitted by Cliff Billingsley, County Auditor
Approval of Accounts Payable checks dated 6/21/11
Orders for Supplemental Payroll period ending 6/8/11 Bi-Weekly #12

Submitted by Jeff Modzelewski, First Assistant Accounting

Submitted by Ron Chapa, First Assistant Internal Audit
Internal audit report of Justice of the Peace, Precinct 6 for period of 4/1/2010 through 3/31/2011 also attached is Honorable Judge Pat Vondra's response

AGENDA ITEM #1a

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
FUND: 1101 General Fund			
Warrant #: VW 00000203	**Payee Name: BAKER, STEPHEN W**		
06/6-12/11 SRVC	1101121000 - 5431301	Justice Administration - Relief Associate Judge	978 50
		Warrant Total:	**978.50**
Warrant #: VW 00000204	**Payee Name: BOB PAGAN FORD INC**		
225562	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	153 85
225650	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	57 42
225658	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	145 00
225873	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	42 49
225883	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	42 49
225886	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	40 20
225889	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	177 86
225915	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	1,122 40
225942	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	811 86
225973	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	581 91
225974	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	727 60
225975	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	45 08
225977	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	603 89
225987	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	308.46
225990	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	42 49
226022	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	155 45
226023	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	255 65
226057	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	202 46
		Warrant Total:	**5,516.56**
Warrant #: VW 00000206	**Payee Name: GALVESTON NEWSPAPERS INC**		
00267222	1101110000 - 5493101	General Government - Legal Advertising	1,540 79
00269546	1101151800 - 5310000	Purchasing Agent - Supplies and Materials	307 40
00269549	1101151800 - 5310000	Purchasing Agent - Supplies and Materials	76 96
00269549	1101151800 - 5493101	Purchasing Agent - Legal Advertising	225 44
00269752	1101151800 - 5493101	Purchasing Agent - Legal Advertising	271 56
00269754	1101151800 - 5493101	Purchasing Agent - Legal Advertising	266 56
00270348	1101151800 - 5493101	Purchasing Agent - Legal Advertising	274 12
00270350	1101151800 - 5493101	Purchasing Agent - Legal Advertising	269 12
		Warrant Total:	**3,231.95**
Warrant #: VW 00000208	**Payee Name: LONE STAR UNIFORMS INC**		
211535	1101211101 - 5312101	Administration Sheriff Dept - Uniform Expense	1,617.60
211803	1101211101 - 5312101	Administration Sheriff Dept - Uniform Expense	824 95
212448	1101211101 - 5312101	Administration Sheriff Dept - Uniform Expense	56 50
212478	1101211101 - 5312101	Administration Sheriff Dept - Uniform Expense	557 50
212583	1101211101 - 5312101	Administration Sheriff Dept - Uniform Expense	1,320 00
212585	1101211101 - 5312101	Administration Sheriff Dept - Uniform Expense	619 70
		Warrant Total:	**4,996.25**
Warrant #: VW 00344252	**Payee Name: ABY MANUFACTURING GROUP INC**		
0065965IN	1101223400 - 5310000	Constable Pct #4 - Fullen - Supplies and Materials	27 73
		Warrant Total:	**27.73**
Warrant #: VW 00344253	**Payee Name: ACCURINT**		
124849120110531	1101159100 - 5481000	Information Technology - Contract Service	1,151 50

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**1,151.50**
Warrant #: VW 00344256	**Payee Name: ACTIVE NETWORK INC, THE**		
8002908M	1101159100 - 5481000	Information Technology - Contract Service	5,403 97
80206720M	1101159100 - 5481000	Information Technology - Contract Service	7,303 60
		Warrant Total:	**12,707.57**
Warrant #: VW 00344257	**Payee Name: ADKINS, CAROLYN**		
04CR1059	1101127100 - 5310000	District Attorney - Supplies and Materials	6 86
		Warrant Total:	**6.86**
Warrant #: VW 00344259	**Payee Name: ALL AMERICA SALES CORPORATION**		
59701	1101211143 - 5423000	Patrol Division - Maint/Repairs Equipment	296 00
59702	1101211143 - 5310000	Patrol Division - Supplies and Materials	1,151 20
		Warrant Total:	**1,447.20**
Warrant #: VW 00344261	**Payee Name: AMERICAN ASSOCIATION OF NOTARIES**		
2011 NOTARY ENOS	1101121000 - 5310000	Justice Administration - Supplies and Materials	85 94
		Warrant Total:	**85.94**
Warrant #: VW 00344266	**Payee Name: ANSWERING SPECIALISTS INC**		
110600111	1101159100 - 5481000	Information Technology - Contract Service	192 92
		Warrant Total:	**192.92**
Warrant #: VW 00344267	**Payee Name: ANYTIME LOCK & SAFE INC**		
48150	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	36 00
48165	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	141 00
		Warrant Total:	**177.00**
Warrant #: VW 00344268	**Payee Name: APARTMENTS GALVESTON**		
15	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 00
		Warrant Total:	**100.00**
Warrant #: VW 00344270	**Payee Name: ASHTON PLACE APTS**		
143	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	99 31
		Warrant Total:	**99.31**
Warrant #: VW 00344271	**Payee Name: ASPEN PUBLISHERS INC**		
76426157	1101155000 - 5317000	Human Resources - Books & Periodicals	351 00
		Warrant Total:	**351.00**
Warrant #: VW 00344272	**Payee Name: AWARD COMPANY OF AMERICA**		
ACAINV0115232	1101110000 - 5310000	General Government - Supplies and Materials	273 10
		Warrant Total:	**273.10**
Warrant #: VW 00344273	**Payee Name: B.L. ALEXANDER ENTERPRISES INC**		
8086	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	2,190 00
		Warrant Total:	**2,190.00**
Warrant #: VW 00344276	**Payee Name: BAILEY, COURTNEY**		
7549	1101000050 - 4471030	Culture and Recreation - User Fees-Bayshore Park Pavln	65 00

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**65.00**
Warrant #: VW 00344285	**Payee Name: BERARDINELLI CORREIA, SHAUNA L**		
301912 060211	1101122100 - 5431221	County Court #1 - Grady - Defense Atty Co Ct	195.00
		Warrant Total:	**195.00**
Warrant #: VW 00344286	**Payee Name: BERARDINELLI CORREIA, SHAUNA L**		
11CR0423 061311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	503 75
		Warrant Total:	**503.75**
Warrant #: VW 00344287	**Payee Name: BETA TECHNOLOGY INC**		
560762	1101170100 - 5424000	Facilities Srvs & Maintenance - Maint & Repairs Buildings	644 40
		Warrant Total:	**644.40**
Warrant #: VW 00344288	**Payee Name: BFI WASTE SERVICES OF TEXAS LP**		
0855000431749	1101610200 - 5481000	County Extension - Contract Service	204 30
		Warrant Total:	**204.30**
Warrant #: VW 00344292	**Payee Name: BOLIVAR PENINSULA SPECIAL UTILITY**		
2011024258	1101000010 - 4414012	General Government - County Clerk Refund of Fees	16 00
		Warrant Total:	**16.00**
Warrant #: VW 00344295	**Payee Name: BOSWORTH PAPERS INC**		
1205879	1101159100 - 5310000	Information Technology - Supplies and Materials	10 45
		Warrant Total:	**10.45**
Warrant #: VW 00344297	**Payee Name: BRIGGS, LYNETTE**		
11CR0729 061511	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	175 50
		Warrant Total:	**175.50**
Warrant #: VW 00344298	**Payee Name: BROADWAY DRUG STORE**		
022461 050411	1101443100 - 5447400	Indigent Care & Medication - Drugs & Medicine	24 90
022461 052311	1101443100 - 5447400	Indigent Care & Medication - Drugs & Medicine	6 30
022461 052411	1101443100 - 5447400	Indigent Care & Medication - Drugs & Medicine	24 80
022461 060311	1101443100 - 5447400	Indigent Care & Medication - Drugs & Medicine	44 05
		Warrant Total:	**100.05**
Warrant #: VW 00344299	**Payee Name: BROOKSIDE EQUIP SALES INC**		
IL23548	1101522020 - 5310001	Parks Department - Depart Supplies-Non Cap FFE	399 00
		Warrant Total:	**399.00**
Warrant #: VW 00344301	**Payee Name: BROWN, ADAM BANKS**		
10CR1362 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	617.50
		Warrant Total:	**617.50**
Warrant #: VW 00344302	**Payee Name: BULANEK, KRISTEN R**		
MEALS RMB	1101151300 - 5496100	County Auditor - Travel	106 00
		Warrant Total:	**106.00**
Warrant #: VW 00344304	**Payee Name: BUYATHREAD**		
17107	1101291010 - 5310000	Emergency Management - Supplies and Materials	53 96

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**53.96**
Warrant #: VW 00344305	**Payee Name: C JOHNNY ON THE SPOT INC**		
68640	1101522020 - 5426181	Parks Department - Rental Porta Cans	80.00
68641	1101522020 - 5426181	Parks Department - Rental Porta Cans	60.00
68642	1101522020 - 5426181	Parks Department - Rental Porta Cans	80 00
68643	1101522020 - 5426181	Parks Department - Rental Porta Cans	80 00
68644	1101522020 - 5426181	Parks Department - Rental Porta Cans	160.00
68645	1101522020 - 5426181	Parks Department - Rental Porta Cans	130.00
68646	1101522020 - 5426181	Parks Department - Rental Porta Cans	230 00
68647	1101522020 - 5426181	Parks Department - Rental Porta Cans	80 00
68648	1101522020 - 5426181	Parks Department - Rental Porta Cans	50 00
68649	1101522020 - 5426181	Parks Department - Rental Porta Cans	60 00
68650	1101522020 - 5426181	Parks Department - Rental Porta Cans	80 00
68651	1101610200 - 5481000	County Extension - Contract Service	60 00
68667	1101522020 - 5426181	Parks Department - Rental Porta Cans	13 35
68668	1101522020 - 5426181	Parks Department - Rental Porta Cans	40 05
		Warrant Total:	**1,203.40**
Warrant #: VW 00344307	**Payee Name: CASTILLO, MARK A**		
JAIL DKT 060311	1101122100 - 5431221	County Court #1 - Grady - Defense Atty Co Ct	950 00
		Warrant Total:	**950.00**
Warrant #: VW 00344308	**Payee Name: CDW GOVERNMENT INC**		
XPM3129	1101159100 - 5310000	Information Technology - Supplies and Materials	281 00
		Warrant Total:	**281.00**
Warrant #: VW 00344309	**Payee Name: CEDRICK L MUHAMMAD PC**		
10CR3896 060711	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	227 50
		Warrant Total:	**227.50**
Warrant #: VW 00344311	**Payee Name: CHAIR TAI CHI**		
BSC0611	1101451110 - 5481000	Senior Citizens - Contract Service	40 00
DSC0611	1101451110 - 5481000	Senior Citizens - Contract Service	40 00
LSC0611	1101451110 - 5481000	Senior Citizens - Contract Service	60 00
		Warrant Total:	**140.00**
Warrant #: VW 00344312	**Payee Name: CHAPMAN, BRANDY**		
1/5-5/31/11 MLG	1101114000 - 5496301	County Clerk - Auto Mileage	64.67
		Warrant Total:	**64.67**
Warrant #: VW 00344313	**Payee Name: CHCA CLEAR LAKE LP**		
3724 053111	1101155000 - 5412110	Human Resources - Pre-Employment Physicals	60 00
		Warrant Total:	**60.00**
Warrant #: VW 00344315	**Payee Name: CHILDRENS CENTER INC, THE**		
FCC053111	1101440100 - 5449101	Community Services - Childrens Counseling Serv	5,415 00
GCSOP053111	1101440100 - 5449101	Community Services - Childrens Counseling Serv	3,318 50
		Warrant Total:	**8,733.50**
Warrant #: VW 00344316	**Payee Name: CITI BANK USA N A**		
065176471106	1101610200 - 5322010	County Extension - Auto Fuel Expense	88 25

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**88.25**
Warrant #: VW 00344317	**Payee Name: CITY OF GALVESTON**		
S0015564	1101172111 - 5322010	Fleet Mgmt-Galveston - Auto Fuel Expense	24,345 02
		Warrant Total:	**24,345.02**
Warrant #: VW 00344318	**Payee Name: CITY OF LA MARQUE**		
101489,101490	1101000000 - 1142003	General Fund - Undist Fees JP 3	1,000 00
		Warrant Total:	**1,000.00**
Warrant #: VW 00344319	**Payee Name: CITY OF TEXAS CITY**		
0002609005 0511	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	97 22
		Warrant Total:	**97.22**
Warrant #: VW 00344320	**Payee Name: CITY OF TEXAS CITY**		
0002592306	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 00
		Warrant Total:	**100.00**
Warrant #: VW 00344321	**Payee Name: CLARK, DIANE**		
05FD2982 060711	1101122400 - 5431221	County Court #3 - Dupuy - Defense Atty Co Ct	211 25
10CP0095 060711	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	143 00
11CP0033 060711	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	559 00
98FD0939 060711	1101122100 - 5431221	County Court #1 - Grady - Defense Atty Co Ct	32 50
		Warrant Total:	**945.75**
Warrant #: VW 00344327	**Payee Name: COLLEGE OF THE MAINLAND**		
446309	1101211160 - 5481000	Training-Sheriff's Department - Contract Service	4,266 06
		Warrant Total:	**4,266.06**
Warrant #: VW 00344328	**Payee Name: COLTZER, ROBERT G**		
11CR0359 061311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	685.75
		Warrant Total:	**685.75**
Warrant #: VW 00344329	**Payee Name: CPI FOODS INC.**		
69115	1101451110 - 5503021	Senior Citizens - Food Cost Title III Supplemt	2,350 00
		Warrant Total:	**2,350.00**
Warrant #: VW 00344330	**Payee Name: CURRENT USA INC**		
3500947301012	1101610200 - 5310000	County Extension - Supplies and Materials	122 94
		Warrant Total:	**122.94**
Warrant #: VW 00344331	**Payee Name: DARLING INTERNATIONAL INC**		
5002031938	1101170100 - 5424000	Facilities Srvs & Maintenance - Maint & Repairs Buildings	35 00
		Warrant Total:	**35.00**
Warrant #: VW 00344332	**Payee Name: DAVID P WALKER PC**		
11CR1217 061511	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	292.50
313587 060111	1101122400 - 5431221	County Court #3 - Dupuy - Defense Atty Co Ct	71 50
		Warrant Total:	**364.00**
Warrant #: VW 00344334	**Payee Name: DIAZ, MARK A**		
11CR0769 060911	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	227 50

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**227.50**
Warrant #: VW 00344335	**Payee Name: DICKINSON IND SCHOOL DISTRICT**		
5/21/11-6/20/11	1101159100 - 5492101	Information Technology - Telephone Expense	436 18
		Warrant Total:	**436.18**
Warrant #: VW 00344336	**Payee Name: DOLPHIN CHEMICAL & SUPPLY COMPANY LLC**		
8852	1101211133 - 5310000	Sheriff-Corrections - Supplies and Materials	774 00
9028	1101211133 - 5310000	Sheriff-Corrections - Supplies and Materials	118 00
		Warrant Total:	**892.00**
Warrant #: VW 00344338	**Payee Name: DRAGONY, RACHEL ANN**		
10CR3045 052511	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	682 50
		Warrant Total:	**682.50**
Warrant #: VW 00344340	**Payee Name: DUCOTE, JAMES**		
03FD1018 050211	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	373 75
11CR1174 022511	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	135 20
94FD1192 060811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	146.25
		Warrant Total:	**655.20**
Warrant #: VW 00344343	**Payee Name: EMLOGIS INC**		
2010339	1101159100 - 5481000	Information Technology - Contract Service	3,452 05
		Warrant Total:	**3,452.05**
Warrant #: VW 00344344	**Payee Name: FANNING AND FANNING PLLC**		
11CR0604 060811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	373 75
302130 061011	1101122400 - 5431221	County Court #3 - Dupuy - Defense Atty Co Ct	390 00
		Warrant Total:	**763.75**
Warrant #: VW 00344345	**Payee Name: FAUS, SALVADOR**		
10FD2500 060111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	173 33
11CR1092 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	211 25
		Warrant Total:	**384.58**
Warrant #: VW 00344346	**Payee Name: FERNANDEZ, JOHN**		
5/14/11 INSTRUCT	1101211160 - 5495100	Training-Sheriff's Department - Education	180 00
		Warrant Total:	**180.00**
Warrant #: VW 00344348	**Payee Name: FORT PC, M. BRUCE**		
11JV0133 060111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	227 50
		Warrant Total:	**227.50**
Warrant #: VW 00344349	**Payee Name: FOWLER, JANA K**		
061411 CRT RPTR	1101121000 - 5431121	Justice Administration - Court Reporter Expense	126.64
		Warrant Total:	**126.64**
Warrant #: VW 00344350	**Payee Name: FRAGOSO, SHON C**		
5/14,6/10/11 MLG	1101114030 - 5496301	Election Expense - Auto Mileage	43 95
		Warrant Total:	**43.95**
Warrant #: VW 00344351	**Payee Name: FULK, GEORGE BYRON**		

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
307904 061011	1101122200 - 5431222	County Court #2 - Roberts - Defense Atty Co Ct #2	227.50
		Warrant Total:	**227.50**
Warrant #: VW 00344353	**Payee Name: GALLS INC**		
511394712	1101211133 - 5310001	Sheriff-Corrections - Depart Supplies-Non Cap FFE	639 99
		Warrant Total:	**639.99**
Warrant #: VW 00344357	**Payee Name: GAMMA WASTE SYSTEMS**		
27868	1101170100 - 5412094	Facilities Srvs & Maintenance - CareHere Clinic Expenditu	140 00
		Warrant Total:	**140.00**
Warrant #: VW 00344361	**Payee Name: GILLMAN, MICHAEL DAVID**		
07CR0740 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	471 25
11CR0865 703986	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	292 50
		Warrant Total:	**763.75**
Warrant #: VW 00344362	**Payee Name: GO ACCESSORIES**		
236	1101291010 - 5310000	Emergency Management - Supplies and Materials	52 99
		Warrant Total:	**52.99**
Warrant #: VW 00344365	**Payee Name: GRACO MECHANICAL**		
311996	1101170100 - 5424000	Facilities Srvs & Maintenance - Maint & Repairs Buildings	1,036 93
		Warrant Total:	**1,036.93**
Warrant #: VW 00344366	**Payee Name: GRADONI & ASSOCIATES**		
300146 060211	1101122200 - 5416000	County Court #2 - Roberts - Prof Serv Investigators	404.50
		Warrant Total:	**404.50**
Warrant #: VW 00344367	**Payee Name: GRAHAM, CARMEN A**		
08CP0048 042311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	227 50
10CR1111 051111	1101121000 - 5432300	Justice Administration - Computer Srv Jst Inf Mgmt Syst	195 00
10CR1421 061311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	2,314 00
		Warrant Total:	**2,736.50**
Warrant #: VW 00344376	**Payee Name: H R M SUPPLY**		
1034	1101522020 - 5310000	Parks Department - Supplies and Materials	350 00
		Warrant Total:	**350.00**
Warrant #: VW 00344378	**Payee Name: HEARST NEWSPAPERS PARTNERSHIP LP**		
025235125	1101155000 - 5493100	Human Resources - Advertising	580.00
		Warrant Total:	**580.00**
Warrant #: VW 00344379	**Payee Name: HENRY, MARK**		
060411 PARKING	1101111000 - 5496100	County Judge - Travel	20 00
		Warrant Total:	**20.00**
Warrant #: VW 00344383	**Payee Name: HOME DEPOT**		
0561471	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	249 00
2016391	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	41 90
2020793	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	64 64
3016202	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	19 21
3030532	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	9 88

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
3062467	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	16 30
3564918	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	29 92
5056254	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	19.89
9012294	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	26 10
		Warrant Total:	**476.84**
Warrant #: VW 00344384	**Payee Name: HOPKE, KURT S**		
11CR1097 061611	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	1,056 25
JAIL DKT 061011	1101122100 - 5431221	County Court #1 - Grady - Defense Atty Co Ct	950 00
		Warrant Total:	**2,006.25**
Warrant #: VW 00344387	**Payee Name: HOUSTON EQUIPMENT COMPANY**		
180416	1101126100 - 5423000	District Clerk - Maint/Repairs Equipment	120 00
180420	1101126100 - 5423000	District Clerk - Maint/Repairs Equipment	179 00
180423	1101114000 - 5423000	County Clerk - Maint/Repairs Equipment	741 50
		Warrant Total:	**1,040.50**
Warrant #: VW 00344389	**Payee Name: IBRAHIM & ELLIOTT LLP**		
10CR1820 0661411	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	682 50
10CR2064 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	536 25
		Warrant Total:	**1,218.75**
Warrant #: VW 00344390	**Payee Name: IESI TX CORP ENVIRO TEX**		
1500126681	1101170100 - 5481000	Facilities Srvs & Maintenance - Contract Service	98 95
		Warrant Total:	**98.95**
Warrant #: VW 00344391	**Payee Name: INFOSOL INC**		
017812	1101159100 - 5423500	Information Technology - Maintenance of Software	94 50
		Warrant Total:	**94.50**
Warrant #: VW 00344394	**Payee Name: ISLAND BAY RESORT**		
2535	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 00
		Warrant Total:	**100.00**
Warrant #: VW 00344395	**Payee Name: ISLAND FIRE & SAFETY EQUIPMENT CO**		
21185 BALANCE	1101522020 - 5428000	Parks Department - Grounds Maintenance	269 70
		Warrant Total:	**269.70**
Warrant #: VW 00344397	**Payee Name: JACKSON, CALVIN C**		
10CR1991 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	1,800 50
		Warrant Total:	**1,800.50**
Warrant #: VW 00344399	**Payee Name: JAROTH INC**		
277256	1101159100 - 5492101	Information Technology - Telephone Expense	78 00
		Warrant Total:	**78.00**
Warrant #: VW 00344400	**Payee Name: JMC TITLE OF TEXAS**		
2011022050	1101000010 - 4414012	General Government - County Clerk Refund of Fees	8 00
		Warrant Total:	**8.00**
Warrant #: VW 00344403	**Payee Name: JOHNSON, WILLIAM M**		
JUN 2011 MEALS	1101610200 - 5495100	County Extension - Education	44 50

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**44.50**
Warrant #: VW 00344404	**Payee Name: JONES, STACEY LEE**		
10CR3355 060911	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	877 50
		Warrant Total:	**877.50**
Warrant #: VW 00344405	**Payee Name: JP MORGAN CHASE**		
JUNE 2011 STMT	1101000000 - 1800009	General Fund - P Crd #5147	4,756 85
JUNE 2011 STMT	1101000000 - 1800022	General Fund - P Crd #7436	128 55
JUNE 2011 STMT	1101000000 - 1800029	General Fund - P Crd #5264	29 75
JUNE 2011 STMT	1101000000 - 1800030	General Fund - P Crd #5256	47 82
JUNE 2011 STMT	1101000000 - 1800036	General Fund - P Crd #7247	4,650 94
JUNE 2011 STMT	1101000000 - 1800039	General Fund - P Crd #7388	26,705 73
JUNE 2011 STMT	1101000000 - 1800051	General Fund - P Crd #5647	3,375 16
JUNE 2011 STMT	1101000000 - 1800052	General Fund - P Crd #4517	142 97
JUNE 2011 STMT	1101000000 - 1800054	General Fund - P Crd #4491	507 72
JUNE 2011 STMT	1101000000 - 1800055	General Fund - P Crd #4475	314 72
JUNE 2011 STMT	1101000000 - 1800056	General Fund - P Crd #4509	1,046 45
JUNE 2011 STMT	1101000000 - 1800071	General Fund - P Card #4653	199.53
JUNE 2011 STMT	1101000000 - 1800086	General Fund - P Card #3427	1,104 26
JUNE 2011 STMT	1101000000 - 1800087	General Fund - P Card #2192	511 18
JUNE 2011 STMT	1101000000 - 1800089	General Fund - P Card #1245	599 93
JUNE 2011 STMT	1101000000 - 1800090	General Fund - P Card #1421	671 94
JUNE 2011 STMT	1101000000 - 1800093	General Fund - P Card #5392	184 08
JUNE 2011 STMT	1101000000 - 1800094	General Fund - P Card #6304	1,635 12
JUNE 2011 STMT	1101000000 - 1800095	General Fund - P Card #6129	332 26
JUNE 2011 STMT	1101000000 - 1800097	General Fund - P Card #6650	9,887 05
JUNE 2011 STMT	1101000000 - 1800098	General Fund - P Card #1654	636 09
JUNE 2011 STMT	1101000000 - 1800101	General Fund - P Card #5468	69,638 12
JUNE 2011 STMT	1101000000 - 1800102	General Fund - P Card #0469	198 52
JUNE 2011 STMT	1101000000 - 1800105	General Fund - P Card #1173	1,862 84
JUNE 2011 STMT	1101000000 - 1800106	General Fund - P Card #1199	760 00
JUNE 2011 STMT	1101000000 - 1800108	General Fund - P Card #2518	1,272 74
JUNE 2011 STMT	1101000000 - 1800111	General Fund - P Card #4246	164 59
JUNE 2011 STMT	1101000000 - 1800113	General Fund - P Card #8621	45 17
JUNE 2011 STMT	1101000000 - 1800115	General Fund - P Card #5749	1,233 67
JUNE 2011 STMT	1101000000 - 1800118	General Fund - P Card #1326	7,793 80
JUNE 2011 STMT	1101000000 - 1800119	General Fund - P Card #5656	846 89
JUNE 2011 STMT	1101000000 - 1800122	General Fund - P Crd #2830	2,270.57
JUNE 2011 STMT	1101000000 - 1800123	General Fund - P Crd #6093	1,709 58
JUNE 2011 STMT	1101000000 - 1800126	General Fund - P Card #3259	328.72
JUNE 2011 STMT	1101000000 - 1800128	General Fund - P Card #6407	11,777 54
JUNE 2011 STMT	1101000000 - 1800132	General Fund - P Card #3474	429 93
JUNE 2011 STMT	1101000000 - 1800136	General Fund - P Card #4437	1,560 97
JUNE 2011 STMT	1101000000 - 1800138	General Fund - P Card #0858	82 65
JUNE 2011 STMT	1101000000 - 1800139	General Fund - P Card #9373	998 91
JUNE 2011 STMT	1101000000 - 1800141	General Fund - P Card #7980	499 30
JUNE 2011 STMT	1101000000 - 1800142	General Fund - P Card #7253	2,679 40
JUNE 2011 STMT	1101000000 - 1800143	General Fund - P Card #7937	929 51
JUNE 2011 STMT	1101000000 - 1800146	General Fund - P Card #0040	468 77
JUNE 2011 STMT	1101000000 - 1800147	General Fund - P Card #0057	196 61
JUNE 2011 STMT	1101000000 - 1800148	General Fund - P Card #2350	1,346 07
JUNE 2011 STMT	1101000000 - 1800151	General Fund - P Card #2285	5,479 39

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
JUNE 2011 STMT	1101000000 - 1800152	General Fund - P Card #2301	-251 52
JUNE 2011 STMT	1101000000 - 1800153	General Fund - P Card #2244	310 10
JUNE 2011 STMT	1101000000 - 1800154	General Fund - P Card #0045	335 25
JUNE 2011 STMT	1101000000 - 1800155	General Fund - P Card #6776	164 56
JUNE 2011 STMT	1101000000 - 1800158	General Fund - P Card #3896	995.19
JUNE 2011 STMT	1101000000 - 1800160	General Fund - P Card #3862	154.35
JUNE 2011 STMT	1101000000 - 1800161	General Fund - P Card #3854	716.50
JUNE 2011 STMT	1101000000 - 1800162	General Fund - P Card #3813	148.96
JUNE 2011 STMT	1101000000 - 1800164	General Fund - P Card #3512	233.20
JUNE 2011 STMT	1101000000 - 1801006	General Fund - P Crd #9482	1,764 38
JUNE 2011 STMT	1101000000 - 1801011	General Fund - P Crd #1703	16 75
JUNE 2011 STMT	1101000000 - 1801016	General Fund - P Crd #3072	273.21
JUNE 2011 STMT	1101000000 - 1801018	General Fund - P Crd #7038	5,390.42
JUNE 2011 STMT	1101000000 - 1801028	General Fund - P Crd #4344	597 47
JUNE 2011 STMT	1101000000 - 1801029	General Fund - P Crd #8024	372 53
JUNE 2011 STMT	1101000000 - 1801033	General Fund - P Crd #8097	61 49
JUNE 2011 STMT	1101000000 - 1801034	General Fund - P Crd #7451	57 08
JUNE 2011 STMT	1101000000 - 1801049	General Fund - P Crd #3391	135 17
JUNE 2011 STMT	1101000000 - 1801051	General Fund - P Crd #0876	40 24
JUNE 2011 STMT	1101000000 - 1801070	General Fund - P Crd #9672	11 43
JUNE 2011 STMT	1101000000 - 1801071	General Fund - P Crd #9730	350 00
JUNE 2011 STMT	1101000000 - 1801100	General Fund - P Card #5961	102 18
JUNE 2011 STMT	1101000000 - 1801105	General Fund - P Card #0712	87 53
JUNE 2011 STMT	1101000000 - 1801119	General Fund - P Card #0183	5 69
JUNE 2011 STMT	1101000000 - 1801120	General Fund - P Card #0308	569 53
JUNE 2011 STMT	1101000000 - 1801127	General Fund - P Card #4121	68 24
JUNE 2011 STMT	1101000000 - 1801130	General Fund - P Card #4097	121.11
JUNE 2011 STMT	1101000000 - 1801132	General Fund - P Card #6849	86 81
JUNE 2011 STMT	1101000000 - 1801133	General Fund - P Card #8613	168 41
JUNE 2011 STMT	1101000000 - 1801139	General Fund - P Crd #0135	532 07
JUNE 2011 STMT	1101000000 - 1801141	General Fund - P Crd #7885	488 21
JUNE 2011 STMT	1101000000 - 1801144	General Fund - P Card #1982	94 56
JUNE 2011 STMT	1101000000 - 1801149	General Fund - P Card #3200	1,722 63
JUNE 2011 STMT	1101000000 - 1801162	General Fund - P Card #0289	50 00
JUNE 2011 STMT	1101000000 - 1801173	General Fund - P Card #1424	507 49
JUNE 2011 STMT	1101000000 - 1801174	General Fund - P Card #0066	200.70
JUNE 2011 STMT	1101000000 - 1801176	General Fund - P Card #2897	136 88
JUNE 2011 STMT	1101000000 - 1803011	General Fund - P Crd #3495	404 99
JUNE 2011 STMT	1101000000 - 1803015	General Fund - P Card #2319	271 64
JUNE 2011 STMT	1101000000 - 1809003	General Fund - P Card #0640	383 62
JUNE 2011 STMT	1101000000 - 1809004	General Fund - P Card #0673	8 20
JUNE 2011 STMT	1101000000 - 1809006	General Fund - P Card #9362	625.44
JUNE 2011 STMT	1101000000 - 1809007	General Fund - P Crd #2175	226 23
JUNE 2011 STMT	1101000000 - 1809008	General Fund - P Card #3636	193 17
		Warrant Total:	**190,974.45**

Warrant #: VW 00344408 **Payee Name: KELLY, DOROTHY F**

911 16TH B	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 00
		Warrant Total:	**100.00**

Warrant #: VW 00344409 **Payee Name: KLEEN JANITORIAL SUPPLY COMPANY**

1488	1101170100 - 5481000	Facilities Srvs & Maintenance - Contract Service	700 88
1489	1101170100 - 5481000	Facilities Srvs & Maintenance - Contract Service	1,463 03

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
1503	1101211133 - 5310000	Sheriff-Corrections - Supplies and Materials	1,158 95
1504	1101121000 - 5310000	Justice Administration - Supplies and Materials	38 82
		Warrant Total:	**3,361.68**
Warrant #: VW 00344410	**Payee Name: KONE INC**		
220642633	1101170100 - 5423701	Facilities Srvs & Maintenance - Maintenance Contracts	1,335 00
		Warrant Total:	**1,335.00**
Warrant #: VW 00344411	**Payee Name: KROGER CO, THE**		
0211014560	1101610200 - 5310000	County Extension - Supplies and Materials	48 91
0311017402	1101610200 - 5310000	County Extension - Supplies and Materials	145 15
		Warrant Total:	**194.06**
Warrant #: VW 00344412	**Payee Name: KUTSCHKE, MELINDA**		
10CR3796 022811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	276 25
		Warrant Total:	**276.25**
Warrant #: VW 00344414	**Payee Name: LAHENS-ABNER, KARLEANA**		
305649	1101122400 - 5431221	County Court #3 - Dupuy - Defense Atty Co Ct	533 00
		Warrant Total:	**533.00**
Warrant #: VW 00344417	**Payee Name: LAW OFFICE OF DONNA L LELEUX**		
04CP0049 041411	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	153 29
		Warrant Total:	**153.29**
Warrant #: VW 00344418	**Payee Name: LAW OFFICE OF J MICHAEL THREADGILL**		
308020 061011	1101122100 - 5431221	County Court #1 - Grady - Defense Atty Co Ct	762 50
		Warrant Total:	**762.50**
Warrant #: VW 00344419	**Payee Name: LAW OFFICE OF JUDY HARRIS MEEH PC**		
11CP0018 060911	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	19 50
11CP0050 060311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	214 50
		Warrant Total:	**234.00**
Warrant #: VW 00344420	**Payee Name: LAW OFFICE OF KYLE VERRET PLLC, THE**		
09CR3855 061311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	3,396 25
10CR3003 060911	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	422.50
10CR3046 060811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	104 00
11CR0963 060811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	130 00
314251 060811	1101122100 - 5431221	County Court #1 - Grady - Defense Atty Co Ct	65 00
314968 060911	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	211 25
		Warrant Total:	**4,329.00**
Warrant #: VW 00344421	**Payee Name: LAW OFFICE OF MICHELE BASSETT**		
09CP0042 052811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	58 50
09CP0101 052811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	500 50
10CP0010 052811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	403 00
10CP0066 092710	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	84 50
10CP0086 052511	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	201 50
10CP0089 091310	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	214 50
10CP0091 052811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	169 00
		Warrant Total:	**1,631.50**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00344422	**Payee Name: LAW OFFICES OF J MICHAEL HUGHES PC**		
JAIL DKT 061011	1101122200 - 5431222	County Court #2 - Roberts - Defense Atty Co Ct #2	950 00
		Warrant Total:	**950.00**
Warrant #: VW 00344423	**Payee Name: LAW OFFICES OF SUSAN M EDMONSON PLLC**		
08CP0012 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	494 00
09CP0003 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	221 00
09CP0014 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	195 00
09CP0054 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	455 00
09CP0082 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	19 50
09CP0085 010311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	351 00
10CP0017 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	110.50
10CP0034 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	624 00
10CP0038 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	617 50
10CP0052 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	929 50
10CP0053 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	702 00
10CP0080 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	325 00
10CP0096 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	390.00
10CP0116 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	390 00
11CP0016 053111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	292 50
		Warrant Total:	**6,116.50**
Warrant #: VW 00344425	**Payee Name: LCR-M LIMITED PARTNERSHIP**		
9482729	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	15 79
9486664	1101522020 - 5424000	Parks Department - Maint & Repairs Buildings	30 84
		Warrant Total:	**46.63**
Warrant #: VW 00344426	**Payee Name: LEWIS, ROXANN**		
SUPPLIES	1101111000 - 5499231	County Judge - Meeting Expense	19 84
		Warrant Total:	**19.84**
Warrant #: VW 00344428	**Payee Name: LIGGIOS TIRE AND SERVICE CENTER INC**		
177137	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	210 96
177222	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	24 93
177353	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	519 37
177504	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	54 59
177520	1101522020 - 5423000	Parks Department - Maint/Repairs Equipment	174 96
177692	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	200 50
177812	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	28 00
177814	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	85 00
177822	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	87 48
177851	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	117 92
177853	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	28 00
177860	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	505 94
177898	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	466 16
177911	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	85.00
177912	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	85 00
177937	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	34 00
177940	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	39 75
177945	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	28 00
177946	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	145 92
177971	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	14 25
178000	1101211101 - 5423110	Administration Sheriff Dept - Auto Maintenance	117 92

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**3,053.65**
Warrant #: VW 00344429	**Payee Name: LINEBARGER GOGGAN BLAIR & SAMPSON LLP**		
MAY 11 JP8-2 FEE	1101000000 - 2291011	General Fund - Due to Collection Agency	1,244 26
		Warrant Total:	**1,244.26**
Warrant #: VW 00344430	**Payee Name: LINEBARGER GOGGAN BLAIR & SAMPSON LLP**		
MAY 11 JP1 FEES	1101000000 - 2291011	General Fund - Due to Collection Agency	546 90
		Warrant Total:	**546.90**
Warrant #: VW 00344431	**Payee Name: LINEBARGER GOGGAN BLAIR & SAMPSON LLP**		
MAY 11 JP2 FEES	1101000000 - 2291011	General Fund - Due to Collection Agency	105 00
		Warrant Total:	**105.00**
Warrant #: VW 00344432	**Payee Name: LINEBARGER GOGGAN BLAIR & SAMPSON LLP**		
MAY 11 JP3 FEES	1101000000 - 2291011	General Fund - Due to Collection Agency	5,416 08
		Warrant Total:	**5,416.08**
Warrant #: VW 00344433	**Payee Name: LINEBARGER GOGGAN BLAIR & SAMPSON LLP**		
MAY 11 JP5 FEES	1101000000 - 2291011	General Fund - Due to Collection Agency	1,223 10
		Warrant Total:	**1,223.10**
Warrant #: VW 00344434	**Payee Name: LOPEZ, BRANDY**		
7532	1101000050 - 4471010	Culture and Recreation - User Fees - W H. Park	65 00
		Warrant Total:	**65.00**
Warrant #: VW 00344437	**Payee Name: MABRY HERBECK & ROBERTS**		
PR0067355	1101443100 - 5413000	Indigent Care & Medication - Prof Serv Legal Fees	250 00
		Warrant Total:	**250.00**
Warrant #: VW 00344443	**Payee Name: MALELO AND COMPANY OHIO**		
31935	1101211121 - 5310000	Sheriff-Criminal Investigation - Supplies and Materials	8 99
31935	1101211121 - 5310001	Sheriff-Criminal Investigation - Depart Supplies-Non Cap	105 00
		Warrant Total:	**113.99**
Warrant #: VW 00344444	**Payee Name: MALONEY & PARKS LLP**		
10CR3068 060311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	552 50
310850 052711	1101122200 - 5431222	County Court #2 - Roberts - Defense Atty Co Ct #2	325 00
311192 061011	1101122200 - 5431222	County Court #2 - Roberts - Defense Atty Co Ct #2	325 00
		Warrant Total:	**1,202.50**
Warrant #: VW 00344445	**Payee Name: MARION, WILLIAM DAVID**		
10CP0034 060211	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	435 50
11CP0045 060211	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	78 00
11CP0045A 060211	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	221 00
11CP0047 060211	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	279 50
		Warrant Total:	**1,014.00**
Warrant #: VW 00344448	**Payee Name: MAUZY, BRUCE**		
05CP0076 020206	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	840 00
08CP0117 091008	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	864 50
09CP0075 122809	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	396 50

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
09CP0088 060210	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	949 00
10CP0070 091410	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	91 00
11CR0270 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	271 50
		Warrant Total:	**3,412.50**

Warrant #: VW 00344449 **Payee Name: MCCARNES, LOIS**

10CR2394 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	243.75
305498 061011	1101122200 - 5431222	County Court #2 - Roberts - Defense Atty Co Ct #2	292 50
		Warrant Total:	**536.25**

Warrant #: VW 00344450 **Payee Name: MCLEOD ALEXANDER POWEL & APFFEL**

09CP0091 060711	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	1,046.50
10CP0027 060711	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	780.00
		Warrant Total:	**1,826.50**

Warrant #: VW 00344455 **Payee Name: MICHAELS, KATHY**

7350	1101000050 - 4471015	Culture and Recreation - User Fee - J B Park	60 00
		Warrant Total:	**60.00**

Warrant #: VW 00344457 **Payee Name: MILLER, ROBERT T. JR.**

20113112CC	1101000010 - 4414012	General Government - County Clerk Refund of Fees	5 00
20113353CC	1101000010 - 4414012	General Government - County Clerk Refund of Fees	5 00
		Warrant Total:	**10.00**

Warrant #: VW 00344458 **Payee Name: MILLS SHIRLEY LLP**

531246	1101443100 - 5413000	Indigent Care & Medication - Prof Serv Legal Fees	401 65
531247	1101443100 - 5413000	Indigent Care & Medication - Prof Serv Legal Fees	252 70
		Warrant Total:	**654.35**

Warrant #: VW 00344459 **Payee Name: MITCHELL, ELIZABETH**

7392	1101000050 - 4471010	Culture and Recreation - User Fees - W H Park	60 00
		Warrant Total:	**60.00**

Warrant #: VW 00344462 **Payee Name: MUELLER, DINAH J**

10CP0043 060911	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	370 50
10CP0119 060811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	448 50
		Warrant Total:	**819.00**

Warrant #: VW 00344463 **Payee Name: MUNRO'S UNIFORM SERVICES LTD**

41872	1101522020 - 5426106	Parks Department - Uniform Leasing	128 25
41881	1101522020 - 5426106	Parks Department - Uniform Leasing	66 75
41882	1101522020 - 5481000	Parks Department - Contract Service	23 55
42628	1101522020 - 5426106	Parks Department - Uniform Leasing	20 50
42630	1101522020 - 5481000	Parks Department - Contract Service	9 46
42896	1101522020 - 5481000	Parks Department - Contract Service	12 50
42897	1101522020 - 5426106	Parks Department - Uniform Leasing	42 75
42905	1101522020 - 5481000	Parks Department - Contract Service	6 00
42906	1101522020 - 5426106	Parks Department - Uniform Leasing	66 75
42907	1101522020 - 5481000	Parks Department - Contract Service	23 55
42908	1101522020 - 5426106	Parks Department - Uniform Leasing	12 75
42916	1101522020 - 5481000	Parks Department - Contract Service	12 15
		Warrant Total:	**424.96**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00344465	**Payee Name: NAJER, MAURICE**		
10CR3505 060311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	325 00
11CR0447 061511	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	390 00
		Warrant Total:	**715.00**
Warrant #: VW 00344468	**Payee Name: NRG ENERGY INC**		
17270554 0411	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	174 19
34277418	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	196 08
71561088	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	137 74
71561088 0411	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	157 07
72706427 0511	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	124 95
73661399	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	76 37
8567562	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	197 57
90264896	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	110 89
90339813	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 76
		Warrant Total:	**1,275.62**
Warrant #: VW 00344469	**Payee Name: ONE STOP HARDWARE**		
6612011	1101522020 - 5428000	Parks Department - Grounds Maintenance	325 00
		Warrant Total:	**325.00**
Warrant #: VW 00344470	**Payee Name: ONEOK INC**		
9104069961610598	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	108 86
9106247241137693	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	45 57
9121476811129814	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	25 37
		Warrant Total:	**179.80**
Warrant #: VW 00344472	**Payee Name: ORTIZ-TAING LAW FIRM PC**		
09CP0093 060111	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	204.75
		Warrant Total:	**204.75**
Warrant #: VW 00344473	**Payee Name: OTIS ELEVATOR CO CORP**		
TG04457111	1101170100 - 5423701	Facilities Srvs & Maintenance - Maintenance Contracts	2,774 82
TG04457210 JAN10	1101170100 - 5423701	Facilities Srvs & Maintenance - Maintenance Contracts	2,635 24
TG04457211	1101170100 - 5423701	Facilities Srvs & Maintenance - Maintenance Contracts	2,774 82
TG04457809 JULY9	1101170100 - 5423701	Facilities Srvs & Maintenance - Maintenance Contracts	2,495 78
TG04457B10	1101170100 - 5423701	Facilities Srvs & Maintenance - Maintenance Contracts	2,635 24
TG27352001	1101170100 - 5423701	Facilities Srvs & Maintenance - Maintenance Contracts	260 00
TG27417001	1101170100 - 5423701	Facilities Srvs & Maintenance - Maintenance Contracts	325 00
		Warrant Total:	**13,900.90**
Warrant #: VW 00344477	**Payee Name: PENINSULA SANITATION SERVICE INC**		
40074	1101170100 - 5481000	Facilities Srvs & Maintenance - Contract Service	75 00
40075	1101170100 - 5481000	Facilities Srvs & Maintenance - Contract Service	75 00
		Warrant Total:	**150.00**
Warrant #: VW 00344479	**Payee Name: PINE FOREST APARTMENTS**		
2013 3RD AVE N	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 00
		Warrant Total:	**100.00**
Warrant #: VW 00344480	**Payee Name: PINNACLE MEDICAL MANAGEMENT CORP**		
38863	1101155000 - 5412102	Human Resources - Drug Screens/Psychological Exm	231 00

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
38923	1101155000 - 5412102	Human Resources - Drug Screens/Psychological Exm	40 50
38995	1101155000 - 5412102	Human Resources - Drug Screens/Psychological Exm	931 50
		Warrant Total:	**1,203.00**
Warrant #: VW 00344481	**Payee Name: PORT SUPPLY**		
6216	1101211143 - 5423104	Patrol Division - Maint/Repairs Boat	16 38
		Warrant Total:	**16.38**
Warrant #: VW 00344482	**Payee Name: PRICE, SUSAN L**		
20113168CC	1101000010 - 4414012	General Government - County Clerk Refund of Fees	40 00
		Warrant Total:	**40.00**
Warrant #: VW 00344485	**Payee Name: REED ELSEVIER INC**		
1105114329	1101123110 - 5310000	Justice Court Pct #1 - Supplies and Materials	59 00
		Warrant Total:	**59.00**
Warrant #: VW 00344489	**Payee Name: RUSSELL, GREG**		
11CR1631 061311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	195.00
11CR1632 061311	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	195 00
JAIL DKT 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	950 00
		Warrant Total:	**1,340.00**
Warrant #: VW 00344490	**Payee Name: SAFETY KLEEN CORP**		
54086344	1101522020 - 5310000	Parks Department - Supplies and Materials	242 28
		Warrant Total:	**242.28**
Warrant #: VW 00344491	**Payee Name: SANTA FE AUTO PARTS INC**		
53475	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	73.83
53861	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	7.90
55519	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	50 29
56950	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	6 93
57479	1101172111 - 5423110	Fleet Mgmt-Galveston - Auto Maintenance	13 95
		Warrant Total:	**152.90**
Warrant #: VW 00344494	**Payee Name: SCHROEDER, EDDIE R**		
2011024688	1101000010 - 4414012	General Government - County Clerk Refund of Fees	12 00
		Warrant Total:	**12.00**
Warrant #: VW 00344497	**Payee Name: SCOTT, SHELBY**		
304208 061411	1101122200 - 5431222	County Court #2 - Roberts - Defense Atty Co Ct #2	190 00
		Warrant Total:	**190.00**
Warrant #: VW 00344498	**Payee Name: SEWELL JR, ISAAC**		
1003 CAMP CIR E	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 00
		Warrant Total:	**100.00**
Warrant #: VW 00344499	**Payee Name: SHERMAN WATKINS PLLC**		
306743 060711	1101122200 - 5431222	County Court #2 - Roberts - Defense Atty Co Ct #2	585 00
		Warrant Total:	**585.00**
Warrant #: VW 00344500	**Payee Name: SIMISKEY, STANLEY A.**		
315248 060811	1101122100 - 5431221	County Court #1 - Grady - Defense Atty Co Ct	357 50

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**357.50**
Warrant #: VW 00344501	**Payee Name: SOLUTIONS4SURE.COM INC**		
B110512207V1	1101159100 - 5310000	Information Technology - Supplies and Materials	823 02
		Warrant Total:	**823.02**
Warrant #: VW 00344509	**Payee Name: STANDARD STEEL SUPPLY INC**		
514747	1101211133 - 5310001	Sheriff-Corrections - Depart Supplies-Non Cap FFE	1,399 52
		Warrant Total:	**1,399.52**
Warrant #: VW 00344513	**Payee Name: STEVENS, MARK W**		
07CR3219 060811	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	1,859 00
		Warrant Total:	**1,859.00**
Warrant #: VW 00344514	**Payee Name: STICKLER, TOMMY JAMES**		
10CR3862 061411	1101122400 - 5431221	County Court #3 - Dupuy - Defense Atty Co Ct	390.00
		Warrant Total:	**390.00**
Warrant #: VW 00344517	**Payee Name: SULLIVAN, DWIGHT D**		
3/22-5/31/11 MLG	1101114000 - 5496301	County Clerk - Auto Mileage	60 47
3/22-5/31/11 MLG	1101114030 - 5496301	Election Expense - Auto Mileage	73 85
		Warrant Total:	**134.32**
Warrant #: VW 00344518	**Payee Name: SUN COAST RESOURCES INC**		
90931774	1101172111 - 5322010	Fleet Mgmt-Galveston - Auto Fuel Expense	2,318 72
		Warrant Total:	**2,318.72**
Warrant #: VW 00344519	**Payee Name: SUNDANCE APARTMENTS**		
910	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 00
		Warrant Total:	**100.00**
Warrant #: VW 00344521	**Payee Name. TAYLOR, ANGELA M**		
11CR0456 061011	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	763 75
		Warrant Total:	**763.75**
Warrant #: VW 00344524	**Payee Name: TEXAS FIRST BANK**		
JP5 LCKD BK BAGS	1101123500 - 5310000	Justice Court Pct #5 - Supplies and Materials	80 00
		Warrant Total:	**80.00**
Warrant #: VW 00344527	**Payee Name: TEXAS LAW & PSYCHIATRY PLLC**		
10CR3705 060311	1101121000 - 5412115	Justice Administration - Psychological Exam	1,200 00
		Warrant Total:	**1,200.00**
Warrant #: VW 00344529	**Payee Name: THOMA, JOHN**		
314539 051611	1101122200 - 5431222	County Court #2 - Roberts - Defense Atty Co Ct #2	180 00
		Warrant Total:	**180.00**
Warrant #: VW 00344530	**Payee Name: TITLE SOURCE INC**		
2011025045	1101000010 - 4414012	General Government - County Clerk Refund of Fees	8 00
		Warrant Total:	**8.00**
Warrant #: VW 00344531	**Payee Name: TORRES, ROBERTO**		

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
02FD2607 052511	1101121000 - 5431230	Justice Administration - Court Apptd Atty Dist Courts	75 83
		Warrant Total:	**75.83**
Warrant #: VW 00344534	**Payee Name: TXU ENERGY RETAIL COMPANY LP**		
100012530276	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100 79
900004458903 11	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	98 57
		Warrant Total:	**199.36**
Warrant #: VW 00344535	**Payee Name: TYLER TECHNOLOGIES - THE SOFTWARE**		
186299	1101159100 - 5498000	Information Technology - Membership And Dues	225 00
		Warrant Total:	**225.00**
Warrant #: VW 00344536	**Payee Name: U.S. ENERGY SAVINGS CORP.**		
4434716	1101443100 - 5447200	Indigent Care & Medication - Emergency Assistance	100.00
		Warrant Total:	**100.00**
Warrant #: VW 00344537	**Payee Name: UNITED PARCEL SERVICE**		
0000142162231	1101159100 - 5481000	Information Technology - Contract Service	25 98
000014217W231	1101159100 - 5481000	Information Technology - Contract Service	40 13
		Warrant Total:	**66.11**
Warrant #: VW 00344538	**Payee Name: UNIVERSITY OF TEXAS AT AUSTIN**		
8/11-12/11 SULLI	1101443100 - 5495100	Indigent Care & Medication - Education	495 00
		Warrant Total:	**495.00**
Warrant #: VW 00344540	**Payee Name: UTMB/MANAGEMENT REVENUE CYCLE**		
2011023924	1101000010 - 4414012	General Government - County Clerk Refund of Fees	11 00
		Warrant Total:	**11.00**
Warrant #: VW 00344541	**Payee Name: UTMB**		
30001585191 LAB	1101211131 - 5412112	Identification Division - Sexual Assault Examination	355 98
		Warrant Total:	**355.98**
Warrant #: VW 00344543	**Payee Name: VAN H HENDRIX ATTY AT LAW**		
2011025017	1101000010 - 4414012	General Government - County Clerk Refund of Fees	96 00
		Warrant Total:	**96.00**
Warrant #: VW 00344544	**Payee Name: VELLA, RONALD F**		
09CP0101 061111	1101121000 - 5431121	Justice Administration - Court Reporter Expense	294 00
		Warrant Total:	**294.00**
Warrant #: VW 00344548	**Payee Name: WEST PUBLISHING CORPORATION**		
822920148	1101126100 - 5317000	District Clerk - Books & Periodicals	68 00
		Warrant Total:	**68.00**
Warrant #: VW 00344549	**Payee Name: WILSON, TARA L.**		
10CR0762 061311	1101121000 - 5431121	Justice Administration - Court Reporter Expense	252 78
6/6-10/11 212TH	1101121000 - 5431121	Justice Administration - Court Reporter Expense	1,266 40
		Warrant Total:	**1,519.18**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info	Amount
	FUND 1101 TOTAL:	**372,789.02**

FUND: 2102 Co Clerk Rec Mgt & Pres Fund

Warrant #: VW 00344337 **Payee Name: DOXTEK INC**

19286	2102114020 - 5423000 County Clerk Records Mangement - Maint/Repairs Equipment	689 70
	Warrant Total:	**689.70**
	FUND 2102 TOTAL:	**689.70**

FUND: 2132 DA Check Collection Fees

Warrant #: VW 00344424 **Payee Name: LAZARINE, DANIEL**

STATE BAR DUES	2132127120 - 5498000 D A. Check Collection Fees - Membership And Dues	68 00
	Warrant Total:	**68.00**
	FUND 2132 TOTAL:	**68.00**

FUND: 2211 Law Library

Warrant #: VW 00344447 **Payee Name: MATTHEW BENDER & COMPANY INC**

1759052A	2211129100 - 5317000 Law Library - Books & Periodicals	152.87
	Warrant Total:	**152.87**

Warrant #: VW 00344510 **Payee Name: STATE BAR OF TEXAS**

237078	2211129100 - 5310000 Law Library - Supplies and Materials	231 00
	Warrant Total:	**231.00**

Warrant #: VW 00344548 **Payee Name: WEST PUBLISHING CORPORATION**

823003501	2211129100 - 5317000 Law Library - Books & Periodicals	388 50
	Warrant Total:	**388.50**
	FUND 2211 TOTAL:	**772.37**

FUND: 2212 Mediation Services Prog Fund

Warrant #: VW 00344264 **Payee Name: AMERSON, RODGER DAN**

11CP0050 060611	2212125300 - 5432011 Mediation Services - Mediation Services	350 00
	Warrant Total:	**350.00**

Warrant #: VW 00344354 **Payee Name: GALVESTON COUNTY BLUEPRINT CO**

34640	2212125300 - 5432011 Mediation Services - Mediation Services	712 32
	Warrant Total:	**712.32**

Warrant #: VW 00344487 **Payee Name: RESOURCE AND CRISIS CENTER OF**

MAY 2011	2212125300 - 5432011 Mediation Services - Mediation Services	900 00
	Warrant Total:	**900.00**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		FUND 2212 TOTAL:	**1,962.32**

FUND: 2220 Adult Probation Fund

Warrant #: VW 00344258	**Payee Name: ALERE TOXICOLOGY SERVICES INC.**		
759342	2220255101 - 5481000	Adult Probation - Contract Service	2,693 00
		Warrant Total:	**2,693.00**
Warrant #: VW 00344283	**Payee Name: BAY AREA RECOVERY CENTER**		
10525	2220255101 - 5481000	Adult Probation - Contract Service	1,000 00
		Warrant Total:	**1,000.00**
Warrant #: VW 00344372	**Payee Name: GULF COAST CENTER**		
G1057	2220255101 - 5481000	Adult Probation - Contract Service	150 00
		Warrant Total:	**150.00**
Warrant #: VW 00344374	**Payee Name: GULF COAST CENTURY**		
84103	2220255101 - 5310000	Adult Probation - Supplies and Materials	815 00
		Warrant Total:	**815.00**
Warrant #: VW 00344492	**Payee Name: SATSKY, E D**		
2011 TCA REG	2220255101 - 5495112	Adult Probation - Training	195 00
		Warrant Total:	**195.00**
		FUND 2220 TOTAL:	**4,853.00**

FUND: 2230 Juvenile Justice Fund

Warrant #: VW 00344296	**Payee Name: BOYD PHD, JENINE COLLINS**		
06152011	2230256100 - 5412114	Juvenile Justice - Psychological Evaluations/Cert	1,500 00
		Warrant Total:	**1,500.00**
Warrant #: VW 00344304	**Payee Name: BUYATHREAD**		
17103	2230256118 - 5312100	Detention - Clothing Expense	1,490 00
		Warrant Total:	**1,490.00**
Warrant #: VW 00344342	**Payee Name: DUNNAHOO, CHRISTOPHER**		
11JV0113	2230256100 - 5499350	Juvenile Justice - Reimb for Crt Ord Birth Certif	23 00
		Warrant Total:	**23.00**
Warrant #: VW 00344352	**Payee Name: G4S JUSTICE SERVICES LLC.**		
5850451	2230256100 - 5419221	Juvenile Justice - Electronic Monitoring	590 24
		Warrant Total:	**590.24**
Warrant #: VW 00344356	**Payee Name: GALVESTON COUNTY HEALTH DISTRICT**		
1638	2230256100 - 5499350	Juvenile Justice - Reimb for Crt Ord Birth Certif	23 00
		Warrant Total:	**23.00**
Warrant #: VW 00344359	**Payee Name: GENESIS DRY CARPET CLEANING**		
2718	2230256100 - 5423000	Juvenile Justice - Maint/Repairs Equipment	136 00

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**136.00**
Warrant #: VW 00344375	**Payee Name: GULF COAST TRADES CENTER**		
4962	2230256100 - 5441301	Juvenile Justice - Placement Services	4,344 36
		Warrant Total:	**4,344.36**
Warrant #: VW 00344393	**Payee Name: INTERVENTION RESOURCES**		
MAY 2011 SRVC	2230256100 - 5412114	Juvenile Justice - Psychological Evaluations/Cert	350 00
		Warrant Total:	**350.00**
Warrant #: VW 00344405	**Payee Name: JP MORGAN CHASE**		
JUNE 2011 STMT	2230000000 - 1801040	Juvenile Justice Fund - P Crd #8253	1,051 78
JUNE 2011 STMT	2230000000 - 1801041	Juvenile Justice Fund - P Crd #8311	14 99
		Warrant Total:	**1,066.77**
Warrant #: VW 00344428	**Payee Name: LIGGIOS TIRE AND SERVICE CENTER INC**		
177938	2230256105 - 5423110	Juv Justice - Administration - Auto Maintenance	48 00
		Warrant Total:	**48.00**
Warrant #: VW 00344446	**Payee Name: MASTER WORD SERVICE INC**		
42184	2230256130 - 5431101	Court - Professional Srv Interpreter	511 55
		Warrant Total:	**511.55**
Warrant #: VW 00344496	**Payee Name: SCHULTZ, MARILYN**		
5/11-6/6/11 SRVC	2230256100 - 5412114	Juvenile Justice - Psychological Evaluations/Cert	1,050 00
		Warrant Total:	**1,050.00**
Warrant #: VW 00344526	**Payee Name: TEXAS JUVENILE PROBATION COMMISSION**		
TJPC110017 2	2230256105 - 5495100	Juv Justice - Administration - Education	150 00
		Warrant Total:	**150.00**
		FUND 2230 TOTAL:	**11,282.92**

FUND: 2240 Sheriff's Commissary Fund

Warrant #: VW 00344405	**Payee Name: JP MORGAN CHASE**		
JUNE 2011 STMT	2240000000 - 1801114	Sheriff Commissary Fund - P Card #0419	524 10
JUNE 2011 STMT	2240000000 - 1801175	Sheriff Commissary Fund - P Card #0065	14,123 37
		Warrant Total:	**14,647.47**
		FUND 2240 TOTAL:	**14,647.47**

FUND: 2250 Law Enforcement Education Fund

Warrant #: VW 00344405	**Payee Name: JP MORGAN CHASE**		
JUNE 2011 STMT	2250000000 - 1801038	Law Enforcement Education Fund - P Crd #4235	30 95
JUNE 2011 STMT	2250000000 - 1801042	Law Enforcement Education Fund - P Crd #4243	685 73
		Warrant Total:	**716.68**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		FUND 2250 TOTAL:	**716.68**

FUND: 2260 Emergency Management Fund

Warrant #: VW 00344405 **Payee Name: JP MORGAN CHASE**

JUNE 2011 STMT	2260000000 - 1801177	Emergency Management - P Card #9487	52 25
		Warrant Total:	**52.25**
		FUND 2260 TOTAL:	**52.25**

FUND: 2301 Road & Bridge Fund

Warrant #: VW 00000207 **Payee Name: KEYWORTHS HARDWARE INC**

000173166	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	9.99
000173601	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	7 47
000173686	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	79 87
000176257	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	19 99
05/02/11	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	18.64
		Warrant Total:	**135.96**

Warrant #: VW 00344260 **Payee Name: ALWAYS SAFETY AND 1ST AID INC**

26796	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	480 35
		Warrant Total:	**480.35**

Warrant #: VW 00344274 **Payee Name: BACLIFF BUILDERS SUPPLY INC.**

8510	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	23 98
8541	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	64 86
		Warrant Total:	**88.84**

Warrant #: VW 00344299 **Payee Name: BROOKSIDE EQUIP SALES INC**

IL23419	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	230 00
IL23509	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	414.28
		Warrant Total:	**644.28**

Warrant #: VW 00344305 **Payee Name: C JOHNNY ON THE SPOT INC**

68639	2301312110 - 5481000	Administration - Contract Service	100 00
		Warrant Total:	**100.00**

Warrant #: VW 00344314 **Payee Name: CHERRY CRUSHED CONCRETE**

134967	2301312120 - 5353014	FM & Lateral Road - Materials Flexible Base	4,030 72
135031	2301312120 - 5353014	FM & Lateral Road - Materials Flexible Base	4,024 33
		Warrant Total:	**8,055.05**

Warrant #: VW 00344326 **Payee Name: CLEVELAND ASPHALT PRODUCTS INC**

9003	2301312120 - 5353011	FM & Lateral Road - Road Oils & Emulsions	10,195 91
9025	2301312120 - 5353011	FM & Lateral Road - Road Oils & Emulsions	11,023 78
		Warrant Total:	**21,219.69**

Warrant #: VW 00344333 **Payee Name: DIAMOND HYDRAULICS INC**

G42825	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	29 64

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**29.64**
Warrant #: VW 00344355	**Payee Name: GALVESTON COUNTY EMERGENCY**		
20110603	2301312120 - 5310000	FM & Lateral Road - Supplies and Materials	111 48
		Warrant Total:	**111.48**
Warrant #: VW 00344380	**Payee Name: HERITAGE-CRYSTAL CLEAN LLC**		
11732926	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	261 00
		Warrant Total:	**261.00**
Warrant #: VW 00344381	**Payee Name: HI-WAY EQUIPMENT COMPANY LLC**		
H26818	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	344 04
H27188	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	240 21
H27193	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	306 46
H27265	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	116 44
H27307	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	214 92
		Warrant Total:	**1,222.07**
Warrant #: VW 00344382	**Payee Name: HI-WAY EQUIPMENT COMPANY LLC**		
H27219	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	227 21
		Warrant Total:	**227.21**
Warrant #: VW 00344405	**Payee Name: JP MORGAN CHASE**		
JUNE 2011 STMT	2301000000 - 1802002	Road and Bridge Fund - P Crd #9522	6,225 16
JUNE 2011 STMT	2301000000 - 1802004	Road and Bridge Fund - P Crd #7301	144.27
		Warrant Total:	**6,369.43**
Warrant #: VW 00344463	**Payee Name: MUNRO'S UNIFORM SERVICES LTD**		
42629	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	69 50
42898	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	39 00
42899	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	13 00
42900	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	48 50
42901	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	36 10
42902	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	41 00
42903	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	72 55
42904	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	126 75
43682	2301312120 - 5312101	FM & Lateral Road - Uniform Expense	69.50
		Warrant Total:	**515.90**
Warrant #: VW 00344464	**Payee Name: MUSTANG TRACTOR & EQUIPMENT CO**		
PART2997958	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	290 09
		Warrant Total:	**290.09**
Warrant #: VW 00344477	**Payee Name: PENINSULA SANITATION SERVICE INC**		
40541	2301312120 - 5421411	FM & Lateral Road - Garbage/Landfill Services	75 00
		Warrant Total:	**75.00**
Warrant #: VW 00344518	**Payee Name: SUN COAST RESOURCES INC**		
90927494	2301312120 - 5322010	FM & Lateral Road - Auto Fuel Expense	11,350 31
90932903	2301312120 - 5315010	FM & Lateral Road - Oils and Lubricants	1,609 85
		Warrant Total:	**12,960.16**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00344533	**Payee Name: TUBING AND METRICS HYDRAULICS INC**		
62074	2301312120 - 5423000	FM & Lateral Road - Maint/Repairs Equipment	26 48
		Warrant Total:	**26.48**
Warrant #: VW 00344545	**Payee Name: VULCAN CONSTRUCTION MATERIALS LP**		
178886/878699CR	2301312120 - 5353014	FM & Lateral Road - Materials Flexible Base	17,204 18
		Warrant Total:	**17,204.18**
		FUND 2301 TOTAL:	**70,016.81**

FUND: 2303 Farm to Market Lateral Road

Warrant #: VW 00344484	**Payee Name: R C CHUOKE & ASSOCIATES INC**		
061311 SRVC	2303314300 - 5410010	Real Estate Services - Fees on Sale-Surplus Cnty Prop	750 00
		Warrant Total:	**750.00**
		FUND 2303 TOTAL:	**750.00**

FUND: 2370 Flood Control Fund

Warrant #: VW 00000207	**Payee Name: KEYWORTHS HARDWARE INC**		
000173239	2370296121 - 5310000	Seawall Maintenance - Supplies and Materials	89 48
000173468	2370296121 - 5310000	Seawall Maintenance - Supplies and Materials	47 76
000173702	2370296121 - 5310000	Seawall Maintenance - Supplies and Materials	42 03
000175314	2370296121 - 5310000	Seawall Maintenance - Supplies and Materials	64 99
		Warrant Total:	**244.26**
Warrant #: VW 00344255	**Payee Name: ACT PIPE AND SUPPLY**		
546419	2370296100 - 5353013	Flood Control - Materials Culverts/Bridges	3,240 00
548815	2370296100 - 5353013	Flood Control - Materials Culverts/Bridges	1,781 60
		Warrant Total:	**5,021.60**
Warrant #: VW 00344305	**Payee Name: C JOHNNY ON THE SPOT INC**		
68638	2370296121 - 5481000	Seawall Maintenance - Contract Service	100 00
		Warrant Total:	**100.00**
Warrant #: VW 00344314	**Payee Name: CHERRY CRUSHED CONCRETE**		
134711	2370296100 - 5353013	Flood Control - Materials Culverts/Bridges	415 71
		Warrant Total:	**415.71**
Warrant #: VW 00344416	**Payee Name: LANSDOWNE MOODY CO LP**		
IW65090	2370296121 - 5423000	Seawall Maintenance - Maint/Repairs Equipment	281 42
		Warrant Total:	**281.42**
Warrant #: VW 00344520	**Payee Name: T & T MARINE SALVAGE INC**		
MS6972	2370296121 - 5481000	Seawall Maintenance - Contract Service	1,610 00
		Warrant Total:	**1,610.00**
Warrant #: VW 00344522	**Payee Name: TENNILLE INC**		
62488	2370296121 - 5423401	Seawall Maintenance - Maint/Repairs Pumps & Gates	140 00

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**140.00**
		FUND 2370 TOTAL:	**7,812.99**

FUND: 2410 Mosquito Control District Fund

Warrant #: VW 00000207 **Payee Name: KEYWORTHS HARDWARE INC**

000175305	2410411100 - 5424000	Mosquito Control District - Maint & Repairs Buildings	12 98
000176455	2410411100 - 5424000	Mosquito Control District - Maint & Repairs Buildings	2 49
		Warrant Total:	**15.47**

Warrant #: VW 00344347 **Payee Name: FIELD DATA SOLUTIONS INC**

6552	2410411100 - 5750000	Mosquito Control District - Capital Outlay-Technology	1,260 00
		Warrant Total:	**1,260.00**

Warrant #: VW 00344383 **Payee Name: HOME DEPOT**

1063951	2410411100 - 5424000	Mosquito Control District - Maint & Repairs Buildings	89 44
		Warrant Total:	**89.44**

Warrant #: VW 00344402 **Payee Name: JOHNSON AUTOMOTIVE SUPPLY AND PAINT**

235479	2410411100 - 5310000	Mosquito Control District - Supplies and Materials	111 45
		Warrant Total:	**111.45**

Warrant #: VW 00344405 **Payee Name: JP MORGAN CHASE**

JUNE 2011 STMT	2410000000 - 1803007	Mosquito Control District - P Card #3257	1,420 05
		Warrant Total:	**1,420.05**

Warrant #: VW 00344491 **Payee Name: SANTA FE AUTO PARTS INC**

57172	2410411100 - 5310000	Mosquito Control District - Supplies and Materials	40 68
		Warrant Total:	**40.68**
		FUND 2410 TOTAL:	**2,937.09**

FUND: 2420 Indigent Health Care Fund

Warrant #: VW 00344251 **Payee Name: A-1 IMAGING CENTERS LLC**

MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	4,567 42
		Warrant Total:	**4,567.42**

Warrant #: VW 00344254 **Payee Name: ACHARYA MD PA,SID**

MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	27 28
		Warrant Total:	**27.28**

Warrant #: VW 00344265 **Payee Name: ANESTHESIA ASSOCIATES LLP**

MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	669 26
		Warrant Total:	**669.26**

Warrant #: VW 00344275 **Payee Name: BAHEC LLC**

MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	902 57
		Warrant Total:	**902.57**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00344277		**Payee Name: BARRIER REEF EMERGENCY PHYSICIANS**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	817.42
		Warrant Total:	**817.42**
Warrant #: VW 00344278		**Payee Name: BAY AREA ANESTHESIA SERVICES PA**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	271 48
		Warrant Total:	**271.48**
Warrant #: VW 00344279		**Payee Name: BAY AREA HOUSTON ENDOSCOPY LP**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	7,969 97
		Warrant Total:	**7,969.97**
Warrant #: VW 00344280		**Payee Name: BAY AREA HOUSTON GASTROENTEROLOGY**	
MAY 11 WARNEKE	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	839 62
		Warrant Total:	**839.62**
Warrant #: VW 00344281		**Payee Name: BAY AREA HOUSTON GASTROENTEROLOGY**	
MAY 11 MARCUM	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,740 16
		Warrant Total:	**1,740.16**
Warrant #: VW 00344282		**Payee Name: BAY AREA HOUSTON GASTROENTEROLOGY**	
MAY 11 ZAMIL	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	371 11
		Warrant Total:	**371.11**
Warrant #: VW 00344284		**Payee Name: BEELER MANSKE CLINIC LLP**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	247 83
		Warrant Total:	**247.83**
Warrant #: VW 00344293		**Payee Name: BOON CHAPMAN BENEFIT ADMINISTRATORS**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	10,141.00
		Warrant Total:	**10,141.00**
Warrant #: VW 00344306		**Payee Name: CARDIOVASCULAR CENTER P A**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	12 00
		Warrant Total:	**12.00**
Warrant #: VW 00344324		**Payee Name: CLEAR LAKE PATHOLOGY PARTNERS**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	318 33
		Warrant Total:	**318.33**
Warrant #: VW 00344325		**Payee Name: CLEAR LAKE SURGICARE LTD**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,078 00
		Warrant Total:	**1,078.00**
Warrant #: VW 00344358		**Payee Name: GARGES MD, KIM J**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,779 64
		Warrant Total:	**1,779.64**
Warrant #: VW 00344360		**Payee Name: GI PATHOLOGY PLLC**	
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,483 34
		Warrant Total:	**1,483.34**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00344363	**Payee Name: GODINICH MD PA, MARY JO**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	274 41
		Warrant Total:	**274.41**
Warrant #: VW 00344368	**Payee Name: GREATER HOUSTON EMERGENCY PHYSICIANS**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,361 78
		Warrant Total:	**1,361.78**
Warrant #: VW 00344369	**Payee Name: GREATER HOUSTON RADIOLOGY ASSOCIATION**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	51 49
		Warrant Total:	**51.49**
Warrant #: VW 00344371	**Payee Name: GULDE MD PA, JANIS**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	926.98
		Warrant Total:	**926.98**
Warrant #: VW 00344377	**Payee Name: HARRIS COUNTY HOSPITAL DISTRICT**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	54 76
		Warrant Total:	**54.76**
Warrant #: VW 00344385	**Payee Name: HORNDESKI MD, GARY M**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	41 63
		Warrant Total:	**41.63**
Warrant #: VW 00344386	**Payee Name: HOSPITAL INPATIENT GROUP PLLC**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	156 45
		Warrant Total:	**156.45**
Warrant #: VW 00344392	**Payee Name: INPATIENT CONSULTANTS OF TEXAS PLLC**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	539 59
		Warrant Total:	**539.59**
Warrant #: VW 00344413	**Payee Name: LABORATORY CORPORATION OF AMERICA**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	318 01
		Warrant Total:	**318.01**
Warrant #: VW 00344415	**Payee Name: LAJJA NEUROLOGY ASSOCIATION**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	39 83
		Warrant Total:	**39.83**
Warrant #: VW 00344438	**Payee Name: MAINLAND INFECTIOUS DISEASE ASSOC PA**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	226.79
		Warrant Total:	**226.79**
Warrant #: VW 00344439	**Payee Name: MAINLAND MULTI-SPECIALTY GROUP PLLC**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,087 44
		Warrant Total:	**1,087.44**
Warrant #: VW 00344440	**Payee Name: MAINLAND PATHOLOGY ASSOCIATES**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	52 59
		Warrant Total:	**52.59**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00344441	**Payee Name: MAINLAND PULMONARY ASSOCIATES**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,126 25
		Warrant Total:	**1,126.25**
Warrant #: VW 00344442	**Payee Name: MAINLAND RADIOLOGICAL ASSOCIATION**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,296 31
		Warrant Total:	**1,296.31**
Warrant #: VW 00344451	**Payee Name: MEMORIAL HERMANN HOSPITAL SYSTEM**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	13,091 58
MAY 11 2	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,157 13
		Warrant Total:	**14,248.71**
Warrant #: VW 00344452	**Payee Name: MEMORIAL PATHOLOGY CONSULTANTS PA**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	71 85
		Warrant Total:	**71.85**
Warrant #: VW 00344460	**Payee Name: MJ BABA MD PA**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	395 28
		Warrant Total:	**395.28**
Warrant #: VW 00344461	**Payee Name: MJ BABA MD PA**		
MAY 11 CLP	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	725 78
		Warrant Total:	**725.78**
Warrant #: VW 00344466	**Payee Name: NASA BONE & JOINT SPECIALISTS**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	135 36
		Warrant Total:	**135.36**
Warrant #: VW 00344467	**Payee Name: NORTHWEST RADIOTHERAPY ASSOCIATION**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	2,304 36
		Warrant Total:	**2,304.36**
Warrant #: VW 00344471	**Payee Name: ORTHOPEDIC CLINIC OF GALVESTON COUNTY**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	5,171 74
		Warrant Total:	**5,171.74**
Warrant #: VW 00344475	**Payee Name: PATIENT'S ANESTHESIA GROUP PA, THE**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,402 51
		Warrant Total:	**1,402.51**
Warrant #: VW 00344476	**Payee Name: PAVULURI MD PA, SRIDEVI**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	177.69
		Warrant Total:	**177.69**
Warrant #: VW 00344478	**Payee Name: PHILIPS III MD, DUDLEY**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	33 27
		Warrant Total:	**33.27**
Warrant #: VW 00344483	**Payee Name: QUEST DIAGNOSTICS CLINICAL**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	922 64

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**922.64**
Warrant #: VW 00344503	**Payee Name: SOUTHPATH LTD**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	42 42
		Warrant Total:	**42.42**
Warrant #: VW 00344504	**Payee Name: SOUTHWEST RADIOLOGY ASSN**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	808 01
		Warrant Total:	**808.01**
Warrant #: VW 00344505	**Payee Name: SPACE CITY ANESTHESIA**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,174 10
		Warrant Total:	**1,174.10**
Warrant #: VW 00344507	**Payee Name: ST LUKE'S EPISCOPAL HOSPITAL**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	423 36
		Warrant Total:	**423.36**
Warrant #: VW 00344512	**Payee Name: STEVEN GOLDSTEIN MD & ASSOC PA**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	223 02
		Warrant Total:	**223.02**
Warrant #: VW 00344525	**Payee Name: TEXAS GULF COAST MEDICAL GROUP**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	487 74
		Warrant Total:	**487.74**
Warrant #: VW 00344532	**Payee Name: TSA - TEXAS SURGICAL ASSOCIATES**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	986 67
		Warrant Total:	**986.67**
Warrant #: VW 00344539	**Payee Name: UPRIGHT MRI OF CLEAR LAKE LLC**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	742 30
		Warrant Total:	**742.30**
Warrant #: VW 00344541	**Payee Name: UTMB**		
MAY 11 INDG	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	8,425 46
		Warrant Total:	**8,425.46**
Warrant #: VW 00344542	**Payee Name: UTMB**		
MAY 11 FGP	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	1,078 41
		Warrant Total:	**1,078.41**
Warrant #: VW 00344547	**Payee Name: WENGROFF MD, SEAN D**		
MAY 11	2420440110 - 5481022	Indigent Health Care Fund - Indigent Health Care Srv	79 62
		Warrant Total:	**79.62**
		FUND 2420 TOTAL:	**80,851.04**

FUND: 2501 Child Welfare Fund

Warrant #: VW 00344310 **Payee Name: CENTER FOR THE STUDY OF SOCIAL POLICY,**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
HZNT9TVJ7MX	2501443300 - 5495100	Child Welfare - Education	250 00
VMNBP27Y875	2501443300 - 5495100	Child Welfare - Education	250 00
XDNX9KNZ9S	2501443300 - 5495100	Child Welfare - Education	250 00
ZMN3Q3BFKKX	2501443300 - 5495100	Child Welfare - Education	250 00
		Warrant Total:	**1,000.00**

Warrant #: VW 00344488 **Payee Name: ROSS**

3179	2501443300 - 5312100	Child Welfare - Clothing Expense	175 00
3787	2501443300 - 5312100	Child Welfare - Clothing Expense	122 87
		Warrant Total:	**297.87**

FUND 2501 TOTAL: 1,297.87

FUND: 2601 Beach & Parks Fund

Warrant #: VW 00344305 **Payee Name: C JOHNNY ON THE SPOT INC**

68652	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	26 70
68653	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68654	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68656	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68657	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13.35
68658	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68659	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68661	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68662	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68663	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68664	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	13 35
68665	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	11 70
68666	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	11 70
86855	2601544042 - 5426181	Beach Maintenance-Rd & Bridge - Rental Porta Cans	26 70
		Warrant Total:	**210.30**

Warrant #: VW 00344382 **Payee Name: HI-WAY EQUIPMENT COMPANY LLC**

H27106 052611	2601544042 - 5423000	Beach Maintenance-Rd & Bridge - Maint/Repairs Equipment	1,676 26
		Warrant Total:	**1,676.26**

Warrant #: VW 00344406 **Payee Name: JRL SERVICES LLC**

100566	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100567	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100569	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100570	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100571	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100572	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100576	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100577	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
		Warrant Total:	**16,400.00**

Warrant #: VW 00344407 **Payee Name: JRL SERVICES LLC**

100564	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100565	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100568	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100573	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
100574	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100575	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
100578	2601544042 - 5481000	Beach Maintenance-Rd & Bridge - Contract Service	2,050 00
		Warrant Total:	**14,350.00**
Warrant #: VW 00344463	**Payee Name: MUNRO'S UNIFORM SERVICES LTD**		
42627	2601522042 - 5312101	Beach Maintenance - Uniform Expense	4 25
42631	2601544042 - 5312101	Beach Maintenance-Rd & Bridge - Uniform Expense	32 50
43684	2601544042 - 5312101	Beach Maintenance-Rd & Bridge - Uniform Expense	32 50
		Warrant Total:	**69.25**
Warrant #: VW 00344477	**Payee Name: PENINSULA SANITATION SERVICE INC**		
40542	2601544042 - 5421400	Beach Maintenance-Rd & Bridge - Refuse Disposal	85 00
		Warrant Total:	**85.00**
Warrant #: VW 00344506	**Payee Name: SPRINT WASTE SERVICES LP**		
162807	2601544042 - 5421400	Beach Maintenance-Rd & Bridge - Refuse Disposal	464 26
		Warrant Total:	**464.26**
Warrant #: VW 00344518	**Payee Name: SUN COAST RESOURCES INC**		
90931773	2601544042 - 5322010	Beach Maintenance-Rd & Bridge - Auto Fuel Expense	4,462 48
		Warrant Total:	**4,462.48**
		FUND 2601 TOTAL:	**37,717.55**

FUND: 2824 Adult Probation Community

Warrant #: VW 00344283	**Payee Name: BAY AREA RECOVERY CENTER**		
10525	2824255111 - 5481000	Special Substance Abuse - Contract Service	442 50
		Warrant Total:	**442.50**
Warrant #: VW 00344372	**Payee Name: GULF COAST CENTER**		
G1057	2824255111 - 5481000	Special Substance Abuse - Contract Service	100 00
		Warrant Total:	**100.00**
Warrant #: VW 00344456	**Payee Name: MILLER, JARVIS**		
MAY 2011 MLG	2824255111 - 5496301	Special Substance Abuse - Auto Mileage	136 68
		Warrant Total:	**136.68**
		FUND 2824 TOTAL:	**679.18**

FUND: 2841 Juvenile Probation-State Aid

Warrant #: VW 00344341	**Payee Name: DUNAWAY, LORI MA LPC-S LMFT**		
MAY 2011 SRVC	2841256111 - 5436107	State Aid Grant A - Outpatient Counseling	1,640 00
		Warrant Total:	**1,640.00**
Warrant #: VW 00344427	**Payee Name: LEWIS, SIRDON**		
MAY 2011 MLG	2841256183 - 5496301	JPO Cash match - Auto Mileage	421 77
		Warrant Total:	**421.77**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		FUND 2841 TOTAL:	**2,061.77**

FUND: 2843 ICBP Regional Grant X

Warrant #: VW 00344373 **Payee Name: GULF COAST CENTER**

MAY 2011 RMB	2843256123 - 5481000	ICBP Regional Grant X - Contract Service	7,228.75
		Warrant Total:	**7,228.75**
		FUND 2843 TOTAL:	**7,228.75**

FUND: 2864 Auto Crimes Task Force Grant

Warrant #: VW 00344405 **Payee Name: JP MORGAN CHASE**

JUNE 2011 STMT	2864000000 - 1801055	Galv Co Auto Crimes Task Force - P Crd #4408	114 06
JUNE 2011 STMT	2864000000 - 1801061	Galv Co Auto Crimes Task Force - P Crd #4034	66 45
		Warrant Total:	**180.51**
		FUND 2864 TOTAL:	**180.51**

FUND: 2893 HMGP - IKE

Warrant #: VW 00344502 **Payee Name: SOUTH LAND TITLE LLC**

R171492	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	72,195 75
R172219	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	132,466 50
R173815	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	193,081 50
R173818	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	210,399 00
R176801	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	12,641.25
R176804	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	23,018 57
R177072	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	62,715 52
R177248	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	70,310 25
R177257	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	22,630 50
R177258	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	37,935 02
R177275	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	23,195 25
R177308	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	20,934 75
R177367	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	27,717 75
R177642	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	54,856 50
R177791	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	10,380 75
R177804	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	72,195 75
R177817	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	63,902 25
R178187	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	38,271 75
R179224	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	211,531 50
R179888	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	175,391 25
R186382	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	132,466 50
R186383	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	143,820 15
R186384	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	156,026 23
R213100	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	19,496.05
R213247	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	25,087 42
R216556	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	111,933 00
R216557	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	130,752 85
R216562	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	106,854.00

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
R217395	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	82,749 75
R217706	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	94,810 50
R218109	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	155,061 34
R221789	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	149,646 65
R308793	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	34,503 75
R425053	2893289010 - 5722402	HMGP Home Buy-out Program - Land-HMGP Buyout Program	170,116 50
		Warrant Total:	**3,049,096.05**
		FUND 2893 TOTAL:	**3,049,096.05**

FUND: 2894 EECBG - Program

Warrant #: VW 00000206 **Payee Name: GALVESTON NEWSPAPERS INC**

00270569	2894170103 - 5481000	EECBG - Program - Contract Service	448 80
		Warrant Total:	**448.80**
		FUND 2894 TOTAL:	**448.80**

FUND: 2914 CDBG Housing Program

Warrant #: VW 00344262 **Payee Name: AMERICAN HOME BUILDERS INC.**

KA1069203	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-3,529 76
KA1069203	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	35,297 66
LW1095701	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-3,365 90
LW1095701	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	33,659 00
		Warrant Total:	**62,061.00**

Warrant #: VW 00344263 **Payee Name: AMERICAN HOMESTAR CORPORATION**

1006B	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	11,841 52
1007B	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	10,028 56
1008	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-9,291 01
1008	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	92,910 05
		Warrant Total:	**105,489.12**

Warrant #: VW 00344289 **Payee Name: BGB INTERESTS LP**

109481	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-3,268 66
109481	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	32,686 64
		Warrant Total:	**29,417.98**

Warrant #: VW 00344303 **Payee Name: BURGHLI HOMES PROMENADE HOMES JV**

1105366	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-8,292.14
1105366	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	60,785 37
1105366	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	22,136 00
1144766	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-7,614 83
1144766	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	62,898 27
1144766	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	13,250 00
		Warrant Total:	**143,162.67**

Warrant #: VW 00344339 **Payee Name: DSW HOMES, LLC**

210742	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	6,355 63

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
		Warrant Total:	**6,355.63**
Warrant #: VW 00344398	**Payee Name: JAHN-GALVESTON INSURANCE AGENCY INC**		
22106	2914152512 - 5519020	Ownr-Occupied Reconstruction - Vendor - 1st Yr Ins Cst	3,282 00
		Warrant Total:	**3,282.00**
Warrant #: VW 00344405	**Payee Name: JP MORGAN CHASE**		
JUNE 2011 STMT	2914000000 - 1800127	CDBG Housing Program - P Card #5212	84 05
		Warrant Total:	**84.05**
Warrant #: VW 00344516	**Payee Name: SULLIVAN LAND SERVICES LTD**		
10770RET	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	16,345.00
2011203	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	12,200 00
2011209	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	11,645 00
2011212	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-16,381.62
2011212	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	119,246 65
2011212	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	44,569 50
2011263	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-8,629 12
2011263	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	67,151 15
2011263	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	19,140 00
2011264	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-10,930 00
2011264	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	102,500 00
2011264	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	6,800 00
2011265	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-10,708 33
2011265	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	107,083 25
2011266	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-9,892 99
2011266	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	81,822 71
2011266	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	17,107.20
2011268	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-11,697 61
2011268	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	93,216 14
2011268	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	23,760 00
2011301	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-7,603 09
2011301	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	64,982 45
2011301	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	11,048 40
2011302	2914000000 - 2070001	CDBG Housing Program - Contract Payable Retainage	-7,115.12
2011302	2914152512 - 5519010	Ownr-Occupied Reconstruction - Contractor - Construction	60,102 82
2011302	2914152514 - 5519010	Ownr-Occupied Elevation - Contractor - Construction	11,048 40
		Warrant Total:	**786,810.79**
		FUND 2914 TOTAL:	**1,136,663.24**

FUND: 2962 Parks/Beaches Project Grants f

Warrant #: VW 00344323	**Payee Name: CLEAR CREEK ENVIRONMENTAL FOUNDATION**		
2010-2011 HGAC	2962522060 - 5426100	Clear Creek Clean up Grt - Equipment Rental/Lease	2,500 00
		Warrant Total:	**2,500.00**
		FUND 2962 TOTAL:	**2,500.00**

FUND: 2994 Disaster Recovery - Ike

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00344290	**Payee Name: BINKLEY & BARFIELD INC**		
16138	2994299354 - 5481000	Engineering for Bolivar - Contract Service	63,867 06
		Warrant Total:	**63,867.06**
		FUND 2994 TOTAL:	**63,867.06**

FUND: 3100 County Capital Projects Fund

Warrant #: VW 00344370	**Payee Name: GREENE, KIRK**		
05/02-06/11 MEAL	3100159126 - 5754095	IT Capital Projects - Imaging	225 00
		Warrant Total:	**225.00**
		FUND 3100 TOTAL:	**225.00**

FUND: 3120 Limited Tax Cnty Bldg Bds Sr09

Warrant #: VW 00344269	**Payee Name: ARDENT CONSTRUCTION LLC**		
12 060411	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	26,701.20
		Warrant Total:	**26,701.20**
Warrant #: VW 00344291	**Payee Name: BOEDEKER CONSTRUCTION INC**		
8 ARC 060811	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-2,425.23
8 ARC 060811	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	48,504 60
		Warrant Total:	**46,079.37**
Warrant #: VW 00344396	**Payee Name: J W KELSO COMPANY INC**		
3D ARC 053111	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-2,251 43
3D ARC 053111	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	45,028.58
		Warrant Total:	**42,777.15**
Warrant #: VW 00344401	**Payee Name: JOHN A WALKER ROOFING CO INC**		
061102	3120179119 - 5722903	Ag Ext Svc at Carbide Park - Owners Contingency	498.00
4 060911	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-1,726 33
4 060911	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	34,526 50
		Warrant Total:	**33,298.17**
Warrant #: VW 00344435	**Payee Name: LOWERY MASONRY LLC**		
4 053111	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-391 35
4 053111	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	7,827.00
		Warrant Total:	**7,435.65**
Warrant #: VW 00344436	**Payee Name: LUCAS CONSTRUCTION CO INC**		
9 053111	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-1,374 50
9 053111	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	27,490 00
		Warrant Total:	**26,115.50**
Warrant #: VW 00344453	**Payee Name: MESA MECHANICAL INC**		
5 052511	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-1,596 00
5 052511	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	31,920 00
		Warrant Total:	**30,324.00**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00344486	**Payee Name: RENEGADE FIRE SYSTEM LLC**		
5 ARC 053111	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-315 00
5 ARC 053111	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	6,300 00
		Warrant Total:	**5,985.00**
Warrant #: VW 00344493	**Payee Name: SCHNEIDER ELECTRIC BUILDINGS AMERICAS**		
407193*	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-470 90
407193*	3120179135 - 5722000	Mid-County Annex - Construction Bldg Capital Outl	9,418 00
		Warrant Total:	**8,947.10**
Warrant #: VW 00344495	**Payee Name: SCHROER MFG CO**		
375395	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-28 91
375395	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	578 16
		Warrant Total:	**549.25**
Warrant #: VW 00344511	**Payee Name: STEFFEY, MICHAEL**		
20100014	3120179135 - 5728121	Mid-County Annex - Capital Const-Architect Fees	9,000.00
		Warrant Total:	**9,000.00**
Warrant #: VW 00344515	**Payee Name: STROMMEN PAINTING AND ENTERPRISES INC**		
3 ARC 053111	3120000000 - 2070001	Limited Tax Cnty Bldg Bds Sr09 - Contract Payable Retaina	-750 00
3 ARC 053111	3120179331 - 5722000	Animal Resource Center - Construction Bldg Capital Outl	15,000.00
		Warrant Total:	**14,250.00**
		FUND 3120 TOTAL:	**251,462.39**

FUND: 3312 Unltd Tax Road Bonds Sr 2009

Warrant #: VW 00000206	**Payee Name: GALVESTON NEWSPAPERS INC**		
00269640	3312312111 - 5731117	Non-County Roads - Louisiana	327 88
00269641	3312312111 - 5731117	Non-County Roads - Louisiana	322 88
		Warrant Total:	**650.76**
Warrant #: VW 00344300	**Payee Name: BROWN & GAY ENGINEERS, INC.**		
511091	3312312111 - 5731173	Non-County Roads - 6th Street	4,291 93
		Warrant Total:	**4,291.93**
Warrant #: VW 00344322	**Payee Name: CLAUNCH & MILLER INC**		
299788H	3312312111 - 5731129	Non-County Roads - Sunnyview	9,268 57
		Warrant Total:	**9,268.57**
Warrant #: VW 00344454	**Payee Name: METRO CITY CONSTRUCTION LP**		
2228	3312000000 - 2070001	Unltd Tax Road Bonds Sr 2009 - Contract Payable Retainage	-17,820 20
2228	3312312111 - 5731171	Non-County Roads - Palmer Hwy	356,404 02
		Warrant Total:	**338,583.82**
		FUND 3312 TOTAL:	**352,795.08**

FUND: 3315 Galv Causeway RR Bridge Proj

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info		Amount
Warrant #: VW 00000205		**Payee Name: CIANBRO/BRASFIELD & GORRIE II A JOINT**	
12 061711	3315000000 - 2070001	Galv Causeway RR Bridge Prj - Contract Payable Retainage	-240,332 95
12 061711	3315313200 - 5732023	Causeway Railroad Bridge Prj - Railroad Causeway Bridge C	4,806,658 97
		Warrant Total:	**4,566,326.02**
		FUND 3315 TOTAL:	**4,566,326.02**

FUND: 6123 Group Insurance Fund

Warrant #: VW 00344294		**Payee Name: BOON CHAPMAN BENEFIT ADMINISTRATORS**	
JUNE 2011	6123155021 - 5417201	Group Insurance - Health Ins Administrative Fee	41,118 32
JUNE 2011	6123155021 - 5417204	Group Insurance - Preferred Provdr Orgnztn Fee	17,461 25
		Warrant Total:	**58,579.57**
Warrant #: VW 00344508		**Payee Name: STANDARD INSURANCE CO**	
JUN 2011	6123155021 - 5491737	Group Insurance - Life Insurance Premiums	5,318 60
MAY 2011	6123155021 - 5491737	Group Insurance - Life Insurance Premiums	5,318 60
		Warrant Total:	**10,637.20**
		FUND 6123 TOTAL:	**69,216.77**

FUND: 6124 Workers Compensation Fund

Warrant #: VW 00344388		**Payee Name: HUEY T LITTLETON CLAIMS SERVICE OF**	
14614	6124155021 - 5411095	Worker's Comp Claims - Third Party Administration Fee	2,113 50
		Warrant Total:	**2,113.50**
		FUND 6124 TOTAL:	**2,113.50**

FUND: 6130 Self Insurance Reserve Fund

Warrant #: VW 00344523		**Payee Name: TEXAS ASSOCIATION OF COUNTIES**	
2010 UNEMP DFCT	6130151431 - 5155000	General Self Insurance - Unemployment Benefits	111,152 44
		Warrant Total:	**111,152.44**
		FUND 6130 TOTAL:	**111,152.44**

FUND: 7605 Escrow Fund

Warrant #: VW 00344364		**Payee Name: GONZALEZ, ELIZABETH**	
92619	7605000000 - 2473030	Escrow Fund - CO Crt Restit-Due to Victims	500 00
		Warrant Total:	**500.00**
Warrant #: VW 00344474		**Payee Name: PARTNERS SALES AND LEASE**	
CS#311327	7605000000 - 2473030	Escrow Fund - CO Crt Restit-Due to Victims	339 99
		Warrant Total:	**339.99**
Warrant #: VW 00344528		**Payee Name: TEXAS PARKS AND WILDLIFE DEPT**	
MAY 11 JP5 FEES	7605000000 - 2476007	Escrow Fund - Tx Parks & Wildlife Fines 85%	1,377 85

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Invoice Number	Account Info	Amount
	Warrant Total:	**1,377.85**
Warrant #: VW 00344546	**Payee Name: WALMART**	
CS#305649	7605000000 - 2473030 Escrow Fund - CO Crt Restit-Due to Victims	447 00
	Warrant Total:	**447.00**
	FUND 7605 TOTAL:	**2,664.84**

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Summary of All Funds

Fund	Amount
1101 General Fund	372,789 02
2102 Co Clerk Rec Mgt & Pres Fund	689 70
2132 DA Check Collection Fees	68 00
2211 Law Library	772 37
2212 Mediation Services Prog Fund	1,962 32
2220 Adult Probation Fund	4,853.00
2230 Juvenile Justice Fund	11,282.92
2240 Sheriff's Commissary Fund	14,647 47
2250 Law Enforcement Education Fund	716 68
2260 Emergency Management Fund	52 25
2301 Road & Bridge Fund	70,016 81
2303 Farm to Market Lateral Road	750 00
2370 Flood Control Fund	7,812 99
2410 Mosquito Control District Fund	2,937 09
2420 Indigent Health Care Fund	80,851 04
2501 Child Welfare Fund	1,297 87
2601 Beach & Parks Fund	37,717 55
2824 Adult Probation Community	679 18
2841 Juvenile Probation-State Aid	2,061.77
2843 ICBP Regional Grant X	7,228 75
2864 Auto Crimes Task Force Grant	180 51
2893 HMGP - IKE	3,049,096 05
2894 EECBG - Program	448 80
2914 CDBG Housing Program	1,136,663 24
2962 Parks/Beaches Project Grants f	2,500 00
2994 Disaster Recovery - Ike	63,867 06
3100 County Capital Projects Fund	225 00
3120 Limited Tax Cnty Bldg Bds Sr09	251,462 39
3312 Unltd Tax Road Bonds Sr 2009	352,795 08
3315 Galv Causeway RR Bridge Proj	4,566,326 02
6123 Group Insurance Fund	69,216 77
6124 Workers Compensation Fund	2,113 50
6130 Self Insurance Reserve Fund	111,152.44
7605 Escrow Fund	2,664 84

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Grand Total: 10,227,898.48

Galveston County, Texas

List of County Auditor's Approved Claims For Voucher Warrants Dated 06/21/2011

Approved Order to pay by Commissioners Court this day June 21, 2011

Cliff Billingsley, County Auditor

Mark A. Henry, Galveston County Judge

Patrick Doyle, Galveston County Commissioner, Pct 1

Kevin D. O'Brien, Galveston County Commissioner, Pct 2

Stephen D. Holmes, Galveston County Commissioner, Pct 3

ATTEST:

Dwight D. Sullivan, County Clerk

Kenneth Clark, Galveston County Commissioner, Pct 4

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344251	711018	A-1 IMAGING CENTERS LLC	06/21/11	4,567 42	MW	OH		
AP00344252	702588	ABY MANUFACTURING GROUP INC	06/21/11	27 73	MW	OH		
AP00344253	705457	ACCURINT	06/21/11	1,151 50	MW	OH		
AP00344254	706405	ACHARYA MD PA,SID	06/21/11	27 28	MW	OH		
AP00344255	700616	ACT PIPE AND SUPPLY	06/21/11	5,021 60	MW	OH		
AP00344256	705403	ACTIVE NETWORK INC, THE	06/21/11	12,707 57	MW	OH		
AP00344257	705324	ADKINS, CAROLYN	06/21/11	6 86	MW	OH		
AP00344258	706649	ALERE TOXICOLOGY SERVICES INC	06/21/11	2,693 00	MW	OH		
AP00344259	017004	ALL AMERICA SALES CORPORATION	06/21/11	1,447 20	MW	OH		
AP00344260	707451	ALWAYS SAFETY AND 1ST AID INC	06/21/11	480 35	MW	OH		
AP00344261	700627	AMERICAN ASSOCIATION OF NOTAR	06/21/11	85 94	MW	OH		
AP00344262	711832	AMERICAN HOME BUILDERS INC	06/21/11	62,061 00	MW	OH		
AP00344263	711548	AMERICAN HOMESTAR CORPORATION	06/21/11	105,489 12	MW	OH		
AP00344264	702478	AMERSON, RODGER DAN	06/21/11	350 00	MW	OH	B7	
AP00344265	013342	ANESTHESIA ASSOCIATES LLP	06/21/11	669 26	MW	OH		
AP00344266	703690	ANSWERING SPECIALISTS INC	06/21/11	192 92	MW	OH		
AP00344267	408080	ANYTIME LOCK & SAFE INC	06/21/11	177 00	MW	OH		
AP00344268	710487	APARTMENTS GALVESTON	06/21/11	100 00	MW	OH	RE	
AP00344269	710983	ARDENT CONSTRUCTION LLC	06/21/11	26,701 20	MW	OH		
AP00344270	712590	ASHTON PLACE APTS	06/21/11	99 31	MW	OH	RE	
AP00344271	407705	ASPEN PUBLISHERS INC	06/21/11	351 00	MW	OH		
AP00344272	015743	AWARD COMPANY OF AMERICA	06/21/11	273 10	MW	OH		
AP00344273	710718	B L ALEXANDER ENTERPRISES IN	06/21/11	2,190 00	MW	OH		
AP00344274	021030	BACLIFF BUILDERS SUPPLY INC	06/21/11	88 84	MW	OH		
AP00344275	712386	BAHEC LLC	06/21/11	902 57	MW	OH		
AP00344276	713443	BAILEY, COURTNEY	06/21/11	65 00	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344277	711300	BARRIER REEF EMERGENCY PHYSIC	06/21/11	817 42	MW	OH		
AP00344278	710853	BAY AREA ANESTHESIA SERVICES	06/21/11	271 48	MW	OH		
AP00344279	710828	BAY AREA HOUSTON ENDOSCOPY LP	06/21/11	7,969 97	MW	OH		
AP00344280	710831	BAY AREA HOUSTON GASTROENTERO	06/21/11	839 62	MW	OH		
AP00344281	710831	BAY AREA HOUSTON GASTROENTERO	06/21/11	1,740 16	MW	OH		
AP00344282	710831	BAY AREA HOUSTON GASTROENTERO	06/21/11	371 11	MW	OH		
AP00344283	432285	BAY AREA RECOVERY CENTER	06/21/11	1,442 50	MW	OH		
AP00344284	431686	BEELER MANSKE CLINIC LLP	06/21/11	247 83	MW	OH		
AP00344285	403751	BERARDINELLI CORREIA, SHAUNA	06/21/11	195 00	MW	OH	B7	
AP00344286	403751	BERARDINELLI CORREIA SHAUNA	06/21/11	503 75	MW	OH	B7	
AP00344287	406081	BETA TECHNOLOGY INC	06/21/11	644 40	MW	OH		
AP00344288	700686	BFI WASTE SERVICES OF TEXAS L	06/21/11	204 30	MW	OH		
AP00344289	711795	BGB INTERESTS LP	06/21/11	29,417 98	MW	OH		
AP00344290	711556	BINKLEY & BARFIELD INC	06/21/11	63,867 06	MW	OH		
AP00344291	703001	BOEDEKER CONSTRUCTION INC	06/21/11	46,079 37	MW	OH		
AP00344292	708995	BOLIVAR PENINSULA SPECIAL UTI	06/21/11	16 00	MW	OH		
AP00344293	709220	BOON CHAPMAN BENEFIT ADMINIST	06/21/11	10,141 00	MW	OH		
AP00344294	709220	BOON CHAPMAN BENEFIT ADMINIST	06/21/11	58,579 57	MW	OH		
AP00344295	401759	BOSWORTH PAPERS INC	06/21/11	10 45	MW	OH		
AP00344296	710439	BOYD PHD, JENINE COLLINS	06/21/11	1,500 00	MW	OH	MH	
AP00344297	702559	BRIGGS, LYNETTE	06/21/11	175 50	MW	OH	B7	
AP00344298	024091	BROADWAY DRUG STORE	06/21/11	100 05	MW	OH		
AP00344299	024240	BROOKSIDE EQUIP SALES INC	06/21/11	1,043 28	MW	OH		
AP00344300	711498	BROWN & GAY ENGINEERS, INC	06/21/11	4,291 93	MW	OH		
AP00344301	709370	BROWN, ADAM BANKS	06/21/11	617 50	MW	OH	B7	
AP00344302	711597	BULANEK, KRISTEN R	06/21/11	106 00	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344303	712308	BURGHLI HOMES PROMENADE HOMES	06/21/11	143,162 67	MW	OH		
AP00344304	701074	BUYATHREAD	06/21/11	1,543 96	MW	OH		
AP00344305	701322	C JOHNNY ON THE SPOT INC	06/21/11	1,613 70	MW	OH		
AP00344306	711525	CARDIOVASCULAR CENTER P A	06/21/11	12 00	MW	OH		
AP00344307	706200	CASTILLO, MARK A	06/21/11	950 00	MW	OH	B7	
AP00344308	701478	CDW GOVERNMENT INC	06/21/11	281 00	MW	OH		
AP00344309	706933	CEDRICK L MUHAMMAD PC	06/21/11	227 50	MW	OH	B7	
AP00344310	713460	CENTER FOR THE STUDY OF SOCIA	06/21/11	1,000 00	MW	OH		
AP00344311	702429	CHAIR TAI CHI	06/21/11	140 00	MW	OH		
AP00344312	410355	CHAPMAN, BRANDY	06/21/11	64 67	MW	OH		
AP00344313	706031	CHCA CLEAR LAKE LP	06/21/11	60 00	MW	OH		
AP00344314	712596	CHERRY CRUSHED CONCRETE	06/21/11	8,470 76	MW	OH		
AP00344315	032326	CHILDRENS CENTER INC, THE	06/21/11	8,733 50	MW	OH		
AP00344316	706090	CITI BANK USA N A	06/21/11	88 25	MW	OH		
AP00344317	033985	CITY OF GALVESTON	06/21/11	24,345 02	MW	OH		
AP00344318	033209	CITY OF LA MARQUE	06/21/11	1,000 00	MW	OH		
AP00344319	403085	CITY OF TEXAS CITY	06/21/11	97 22	MW	OH		
AP00344320	403085	CITY OF TEXAS CITY	06/21/11	100 00	MW	OH		
AP00344321	033290	CLARK, DIANE	06/21/11	945 75	MW	OH	B7	
AP00344322	700066	CLAUNCH & MILLER INC	06/21/11	9,268 57	MW	OH		
AP00344323	702525	CLEAR CREEK ENVIRONMENTAL FOU	06/21/11	2,500 00	MW	OH		
AP00344324	712035	CLEAR LAKE PATHOLOGY PARTNERS	06/21/11	318 33	MW	OH		
AP00344325	710741	CLEAR LAKE SURGICARE LTD	06/21/11	1,078 00	MW	OH		
AP00344326	710180	CLEVELAND ASPHALT PRODUCTS IN	06/21/11	21,219 69	MW	OH		
AP00344327	034785	COLLEGE OF THE MAINLAND	06/21/11	4,266 06	MW	OH		
AP00344328	034223	COLTZER, ROBERT G	06/21/11	685 75	MW	OH	B7	

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344329	707222	CPI FOODS INC	06/21/11	2,350 00	MW	OH		
AP00344330	406688	CURRENT USA INC	06/21/11	122 94	MW	OH		
AP00344331	701394	DARLING INTERNATIONAL INC	06/21/11	35.00	MW	OH		
AP00344332	403281	DAVID P WALKER PC	06/21/11	364 00	MW	OH	B7	
AP00344333	700546	DIAMOND HYDRAULICS INC	06/21/11	29 64	MW	OH		
AP00344334	706153	DIAZ, MARK A	06/21/11	227 50	MW	OH	B7	
AP00344335	043216	DICKINSON IND SCHOOL DISTRICT	06/21/11	436 18	MW	OH		
AP00344336	706718	DOLPHIN CHEMICAL & SUPPLY COM	06/21/11	892 00	MW	OH		
AP00344337	709507	DOXTEK INC	06/21/11	689 70	MW	OH		
AP00344338	708361	DRAGONY, RACHEL ANN	06/21/11	682 50	MW	OH	B7	
AP00344339	711931	DSW HOMES, LLC	06/21/11	6,355 63	MW	OH		
AP00344340	045286	DUCOTE, JAMES	06/21/11	655 20	MW	OH	B7	
AP00344341	712144	DUNAWAY, LORI MA LPC-S LMFT	06/21/11	1,640 00	MW	OH		
AP00344342	712656	DUNNAHOO, CHRISTOPHER	06/21/11	23 00	MW	OH		
AP00344343	710976	EMLOGIS INC	06/21/11	3,452 05	MW	OH		
AP00344344	711189	FANNING AND FANNING PLLC	06/21/11	763 75	MW	OH	B7	
AP00344345	410365	FAUS, SALVADOR	06/21/11	384 58	MW	OH	B7	
AP00344346	710207	FERNANDEZ, JOHN	06/21/11	180.00	MW	OH	B7	
AP00344347	713400	FIELD DATA SOLUTIONS INC	06/21/11	1,260 00	MW	OH		
AP00344348	711912	FORT PC, M BRUCE	06/21/11	227 50	MW	OH	B7	
AP00344349	710682	FOWLER, JANA K	06/21/11	126 64	MW	OH	B7	
AP00344350	713384	FRAGOSO, SHON C	06/21/11	43 95	MW	OH		
AP00344351	704440	FULK, GEORGE BYRON	06/21/11	227 50	MW	OH	B7	
AP00344352	712523	G4S JUSTICE SERVICES LLC	06/21/11	590 24	MW	OH		
AP00344353	076018	GALLS INC	06/21/11	639 99	MW	OH		
AP00344354	071035	GALVESTON COUNTY BLUEPRINT CO	06/21/11	712 32	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344355	700476	GALVESTON COUNTY EMERGENCY CO	06/21/11	111 48	MW	OH		
AP00344356	431945	GALVESTON COUNTY HEALTH DISTR	06/21/11	23 00	MW	OH		
AP00344357	708789	GAMMA WASTE SYSTEMS	06/21/11	140 00	MW	OH		
AP00344358	713091	GARGES MD, KIM J	06/21/11	1,779 64	MW	OH		
AP00344359	705071	GENESIS DRY CARPET CLEANING	06/21/11	136 00	MW	OH		
AP00344360	711006	GI PATHOLOGY PLLC	06/21/11	1,483 34	MW	OH		
AP00344361	703986	GILLMAN, MICHAEL DAVID	06/21/11	763 75	MW	OH	B7	
AP00344362	707726	GO ACCESSORIES	06/21/11	52 99	MW	OH		
AP00344363	712818	GODINICH MD PA, MARY JO	06/21/11	274 41	MW	OH		
AP00344364	713440	GONZALEZ, ELIZABETH	06/21/11	500 00	MW	OH		
AP00344365	704063	GRACO MECHANICAL	06/21/11	1,036 93	MW	OH		
AP00344366	708989	GRADONI & ASSOCIATES	06/21/11	404 50	MW	OH	B7	
AP00344367	709134	GRAHAM, CARMEN A	06/21/11	2,736 50	MW	OH	B7	
AP00344368	706411	GREATER HOUSTON EMERGENCY PHY	06/21/11	1,361 78	MW	OH		
AP00344369	708742	GREATER HOUSTON RADIOLOGY ASS	06/21/11	51 49	MW	OH		
AP00344370	403641	GREENE, KIRK	06/21/11	225 00	MW	OH		
AP00344371	710992	GULDE MD PA, JANIS	06/21/11	926 98	MW	OH		
AP00344372	400782	GULF COAST CENTER	06/21/11	250 00	MW	OH		
AP00344373	400782	GULF COAST CENTER	06/21/11	7,228 75	MW	OH		
AP00344374	701592	GULF COAST CENTURY	06/21/11	815 00	MW	OH		
AP00344375	075101	GULF COAST TRADES CENTER	06/21/11	4,344 36	MW	OH		
AP00344376	705885	H R M SUPPLY	06/21/11	350 00	MW	OH		
AP00344377	711192	HARRIS COUNTY HOSPITAL DISTRI	06/21/11	54 76	MW	OH		
AP00344378	084947	HEARST NEWSPAPERS PARTNERSHIP	06/21/11	580 00	MW	OH		
AP00344379	712993	HENRY, MARK	06/21/11	20 00	MW	OH		
AP00344380	711536	HERITAGE-CRYSTAL CLEAN LLC	06/21/11	261 00	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344381	710193	HI-WAY EQUIPMENT COMPANY LLC	06/21/11	1,222 07	MW	OH		
AP00344382	710193	HI-WAY EQUIPMENT COMPANY LLC	06/21/11	1,903 47	MW	OH		
AP00344383	409105	HOME DEPOT	06/21/11	566 28	MW	OH		
AP00344384	712097	HOPKE, KURT S	06/21/11	2,006 25	MW	OH	B7	
AP00344385	706416	HORNDESKI MD, GARY M	06/21/11	41 63	MW	OH		
AP00344386	711442	HOSPITAL INPATIENT GROUP PLLC	06/21/11	156 45	MW	OH		
AP00344387	084236	HOUSTON EQUIPMENT COMPANY	06/21/11	1,040 50	MW	OH		
AP00344388	709064	HUEY T LITTLETON CLAIMS SERVI	06/21/11	2,113 50	MW	OH		
AP00344389	707488	IBRAHIM & ELLIOTT LLP	06/21/11	1,218 75	MW	OH	B7	
AP00344390	701244	IESI TX CORP ENVIRO TEX	06/21/11	98 95	MW	OH		
AP00344391	409674	INFOSOL INC	06/21/11	94 50	MW	OH		
AP00344392	706409	INPATIENT CONSULTANTS OF TEXA	06/21/11	539 59	MW	OH		
AP00344393	707874	INTERVENTION RESOURCES	06/21/11	350 00	MW	OH		
AP00344394	713488	ISLAND BAY RESORT	06/21/11	100 00	MW	OH		
AP00344395	011031	ISLAND FIRE & SAFETY EQUIPMEN	06/21/11	269 70	MW	OH		
AP00344396	701901	J W KELSO COMPANY INC	06/21/11	42,777 15	MW	OH		
AP00344397	407630	JACKSON, CALVIN C	06/21/11	1,800 50	MW	OH	B7	
AP00344398	409049	JAHN-GALVESTON INSURANCE AGEN	06/21/11	3,282 00	MW	OH		
AP00344399	708810	JAROTH INC	06/21/11	78 00	MW	OH		
AP00344400	713483	JMC TITLE OF TEXAS	06/21/11	8 00	MW	OH		
AP00344401	410096	JOHN A WALKER ROOFING CO INC	06/21/11	33,298 17	MW	OH		
AP00344402	404661	JOHNSON AUTOMOTIVE SUPPLY AND	06/21/11	111 45	MW	OH		
AP00344403	104398	JOHNSON, WILLIAM M	06/21/11	44 50	MW	OH		
AP00344404	701243	JONES, STACEY LEE	06/21/11	877 50	MW	OH	B7	
AP00344405	410476	JP MORGAN CHASE	06/21/11	215,511 66	MW	OH		
AP00344406	708663	JRL SERVICES LLC	06/21/11	16,400 00	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344407	708663	JRL SERVICES LLC	06/21/11	14,350 00	MW	OH		
AP00344408	713489	KELLY, DOROTHY F	06/21/11	100 00	MW	OH	RE	
AP00344409	402386	KLEEN JANITORIAL SUPPLY COMPA	06/21/11	3,361 68	MW	OH		
AP00344410	713306	KONE INC	06/21/11	1,335 00	MW	OH		
AP00344411	114041	KROGER CO, THE	06/21/11	194 06	MW	OH		
AP00344412	706952	KUTSCHKE MELINDA	06/21/11	276 25	MW	OH	B7	
AP00344413	407886	LABORATORY CORPORATION OF AME	06/21/11	318 01	MW	OH		
AP00344414	713251	LAHENS-ABNER, KARLEANA	06/21/11	533 00	MW	OH	B7	
AP00344415	711461	LAJJA NEUROLOGY ASSOCIATION	06/21/11	39 83	MW	OH		
AP00344416	121053	LANSDOWNE MOODY CO LP	06/21/11	281 42	MW	OH		
AP00344417	701780	LAW OFFICE OF DONNA L LELEUX	06/21/11	153 29	MW	OH	B7	
AP00344418	712315	LAW OFFICE OF J MICHAEL THREA	06/21/11	762 50	MW	OH	B7	
AP00344419	711806	LAW OFFICE OF JUDY HARRIS MEE	06/21/11	234 00	MW	OH	B7	
AP00344420	712266	LAW OFFICE OF KYLE VERRET PLL	06/21/11	4,329 00	MW	OH	B7	
AP00344421	706605	LAW OFFICE OF MICHELE BASSETT	06/21/11	1,631 50	MW	OH	B7	
AP00344422	710748	LAW OFFICES OF J MICHAEL HUGH	06/21/11	950 00	MW	OH	B7	
AP00344423	708879	LAW OFFICES OF SUSAN M EDMONS	06/21/11	6,116 50	MW	OH	B7	
AP00344424	712972	LAZARINE, DANIEL	06/21/11	68 00	MW	OH		
AP00344425	706067	LCR-M LIMITED PARTNERSHIP	06/21/11	46 63	MW	OH		
AP00344426	713344	LEWIS, ROXANN	06/21/11	19 84	MW	OH		
AP00344427	710524	LEWIS, SIRDON	06/21/11	421 77	MW	OH		
AP00344428	123026	LIGGIOS TIRE AND SERVICE CENT	06/21/11	3,101 65	MW	OH		
AP00344429	707090	LINEBARGER GOGGAN BLAIR & SAM	06/21/11	1,244 26	MW	OH		
AP00344430	707090	LINEBARGER GOGGAN BLAIR & SAM	06/21/11	546 90	MW	OH		
AP00344431	707090	LINEBARGER GOGGAN BLAIR & SAM	06/21/11	105 00	MW	OH		
AP00344432	707090	LINEBARGER GOGGAN BLAIR & SAM	06/21/11	5,416 08	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344433	707090	LINEBARGER GOGGAN BLAIR & SAM	06/21/11	1,223 10	MW	OH		
AP00344434	713441	LOPEZ, BRANDY	06/21/11	65 00	MW	OH		
AP00344435	711180	LOWERY MASONRY LLC	06/21/11	7,435 65	MW	OH		
AP00344436	125518	LUCAS CONSTRUCTION CO INC	06/21/11	26,115 50	MW	OH		
AP00344437	704046	MABRY HERBECK & ROBERTS	06/21/11	250 00	MW	OH		
AP00344438	708027	MAINLAND INFECTIOUS DISEASE A	06/21/11	226 79	MW	OH		
AP00344439	711130	MAINLAND MULTI-SPECIALTY GROU	06/21/11	1,087 44	MW	OH		
AP00344440	706407	MAINLAND PATHOLOGY ASSOCIATES	06/21/11	52 59	MW	OH		
AP00344441	706284	MAINLAND PULMONARY ASSOCIATES	06/21/11	1,126 25	MW	OH		
AP00344442	706406	MAINLAND RADIOLOGICAL ASSOCIA	06/21/11	1,296 31	MW	OH		
AP00344443	712820	MALELO AND COMPANY OHIO	06/21/11	113 99	MW	OH		
AP00344444	709125	MALONEY & PARKS LLP	06/21/11	1,202 50	MW	OH	B7	
AP00344445	407300	MARION, WILLIAM DAVID	06/21/11	1,014 00	MW	OH	B7	
AP00344446	705424	MASTER WORD SERVICE INC	06/21/11	511 55	MW	OH		
AP00344447	401374	MATTHEW BENDER & COMPANY INC	06/21/11	152 87	MW	OH		
AP00344448	705185	MAUZY, BRUCE	06/21/11	3,412 50	MW	OH	B7	
AP00344449	404930	MCCARNES, LOIS	06/21/11	536 25	MW	OH	B7	
AP00344450	136689	MCLEOD ALEXANDER POWEL & APFF	06/21/11	1 826 50	MW	OH	B7	
AP00344451	711185	MEMORIAL HERMANN HOSPITAL SYS	06/21/11	14,248 71	MW	OH		
AP00344452	713385	MEMORIAL PATHOLOGY CONSULTANT	06/21/11	71 85	MW	OH		
AP00344453	704761	MESA MECHANICAL INC	06/21/11	30,324 00	MW	OH		
AP00344454	712341	METRO CITY CONSTRUCTION LP	06/21/11	338,583 82	MW	OH		
AP00344455	713442	MICHAELS, KATHY	06/21/11	60 00	MW	OH		
AP00344456	705354	MILLER, JARVIS	06/21/11	136 68	MW	OH		
AP00344457	711645	MILLER, ROBERT T JR	06/21/11	10 00	MW	OH		
AP00344458	404921	MILLS SHIRLEY LLP	06/21/11	654 35	MW	OH	B7	

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344459	713444	MITCHELL, ELIZABETH	06/21/11	60 00	MW	OH		
AP00344460	711531	MJ BABA MD PA	06/21/11	395 28	MW	OH		
AP00344461	711531	MJ BABA MD PA	06/21/11	725 78	MW	OH		
AP00344462	405987	MUELLER DINAH J	06/21/11	819 00	MW	OH	B7	
AP00344463	710385	MUNRO'S UNIFORM SERVICES LTD	06/21/11	1,010 11	MW	OH		
AP00344464	404669	MUSTANG TRACTOR & EQUIPMENT C	06/21/11	290 09	MW	OH		
AP00344465	705888	NAJER, MAURICE	06/21/11	715 00	MW	OH	B7	
AP00344466	711813	NASA BONE & JOINT SPECIALISTS	06/21/11	135 36	MW	OH		
AP00344467	713321	NORTHWEST RADIOTHERAPY ASSOCI	06/21/11	2,304 36	MW	OH		
AP00344468	711213	NRG ENERGY INC	06/21/11	1,275 62	MW	OH		
AP00344469	712968	ONE STOP HARDWARE	06/21/11	325 00	MW	OH		
AP00344470	705252	ONEOK INC	06/21/11	179 80	MW	OH		
AP00344471	706281	ORTHOPEDIC CLINIC OF GALVESTO	06/21/11	5,171 74	MW	OH		
AP00344472	710160	ORTIZ-TAING LAW FIRM PC	06/21/11	204 75	MW	OH	B7	
AP00344473	401873	OTIS ELEVATOR CO CORP	06/21/11	13,900 90	MW	OH		
AP00344474	713496	PARTNERS SALES AND LEASE	06/21/11	339 99	MW	OH		
AP00344475	706418	PATIENT'S ANESTHESIA GROUP PA	06/21/11	1,402 51	MW	OH		
AP00344476	712802	PAVULURI MD PA, SRIDEVI	06/21/11	177 69	MW	OH		
AP00344477	705136	PENINSULA SANITATION SERVICE	06/21/11	310 00	MW	OH		
AP00344478	711133	PHILIPS III MD, DUDLEY	06/21/11	33 27	MW	OH		
AP00344479	163014	PINE FOREST APARTMENTS	06/21/11	100 00	MW	OH	RE	
AP00344480	709307	PINNACLE MEDICAL MANAGEMENT C	06/21/11	1,203 00	MW	OH		
AP00344481	405621	PORT SUPPLY	06/21/11	16 38	MW	OH		
AP00344482	713467	PRICE, SUSAN L	06/21/11	40 00	MW	OH		
AP00344483	711312	QUEST DIAGNOSTICS CLINICAL LA	06/21/11	922 64	MW	OH		
AP00344484	032318	R C CHUOKE & ASSOCIATES INC	06/21/11	750 00	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344485	706403	REED ELSEVIER INC	06/21/11	59 00	MW	OH		
AP00344486	712396	RENEGADE FIRE SYSTEM LLC	06/21/11	5,985 00	MW	OH		
AP00344487	706338	RESOURCE AND CRISIS CENTER OF	06/21/11	900 00	MW	OH		
AP00344488	704853	ROSS	06/21/11	297 87	MW	OH		
AP00344489	710577	RUSSELL, GREG	06/21/11	1,340 00	MW	OH	B7	
AP00344490	401775	SAFETY KLEEN CORP	06/21/11	242 28	MW	OH		
AP00344491	191023	SANTA FE AUTO PARTS INC	06/21/11	193 58	MW	OH		
AP00344492	702250	SATSKY, E D	06/21/11	195 00	MW	OH		
AP00344493	704614	SCHNEIDER ELECTRIC BUILDINGS	06/21/11	8,947 10	MW	OH		
AP00344494	713487	SCHROEDER EDDIE R	06/21/11	12 00	MW	OH		
AP00344495	712880	SCHROER MFG CO	06/21/11	549 25	MW	OH		
AP00344496	707539	SCHULTZ, MARILYN	06/21/11	1,050 00	MW	OH		
AP00344497	701888	SCOTT, SHELBY	06/21/11	190 00	MW	OH	B7	
AP00344498	705921	SEWELL JR, ISAAC	06/21/11	100 00	MW	OH	RE	
AP00344499	713490	SHERMAN WATKINS PLLC	06/21/11	585 00	MW	OH	B7	
AP00344500	711803	SIMISKEY, STANLEY A	06/21/11	357 50	MW	OH	B7	
AP00344501	704289	SOLUTIONS4SURE COM INC	06/21/11	823 02	MW	OH		
AP00344502	712436	SOUTH LAND TITLE LLC	06/21/11	3049,096 05	MW	OH		
AP00344503	706392	SOUTHPATH LTD	06/21/11	42 42	MW	OH		
AP00344504	194837	SOUTHWEST RADIOLOGY ASSN	06/21/11	808 01	MW	OH		
AP00344505	712259	SPACE CITY ANESTHESIA	06/21/11	1,174 10	MW	OH		
AP00344506	713176	SPRINT WASTE SERVICES LP	06/21/11	464 26	MW	OH		
AP00344507	713181	ST LUKE'S EPISCOPAL HOSPITAL	06/21/11	423 36	MW	OH		
AP00344508	500042	STANDARD INSURANCE CO	06/21/11	10,637 20	MW	OH		
AP00344509	194159	STANDARD STEEL SUPPLY INC	06/21/11	1,399 52	MW	OH		
AP00344510	194167	STATE BAR OF TEXAS	06/21/11	231 00	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344511	712009	STEFFEY, MICHAEL	06/21/11	9,000 00	MW	OH		
AP00344512	713418	STEVEN GOLDSTEIN MD & ASSOC P	06/21/11	223 02	MW	OH		
AP00344513	194514	STEVENS, MARK W	06/21/11	1,859 00	MW	OH	B7	
AP00344514	709091	STICKLER, TOMMY JAMES	06/21/11	390 00	MW	OH	B7	
AP00344515	410015	STROMMEN PAINTING AND ENTERPR	06/21/11	14,250 00	MW	OH		
AP00344516	711234	SULLIVAN LAND SERVICES LTD	06/21/11	786,810 79	MW	OH		
AP00344517	704108	SULLIVAN, DWIGHT D	06/21/11	134 32	MW	OH		
AP00344518	405722	SUN COAST RESOURCES INC	06/21/11	19,741 36	MW	OH		
AP00344519	195024	SUNDANCE APARTMENTS	06/21/11	100 00	MW	OH	RE	
AP00344520	707214	T & T MARINE SALVAGE INC	06/21/11	1,610 00	MW	OH		
AP00344521	410529	TAYLOR, ANGELA M	06/21/11	763 75	MW	OH	B7	
AP00344522	202804	TENNILLE INC	06/21/11	140 00	MW	OH		
AP00344523	202671	TEXAS ASSOCIATION OF COUNTIES	06/21/11	111,152 44	MW	OH		
AP00344524	407733	TEXAS FIRST BANK	06/21/11	80 00	MW	OH		
AP00344525	710920	TEXAS GULF COAST MEDICAL GROU	06/21/11	487 74	MW	OH		
AP00344526	403963	TEXAS JUVENILE PROBATION COMM	06/21/11	150 00	MW	OH		
AP00344527	708583	TEXAS LAW & PSYCHIATRY PLLC	06/21/11	1,200 00	MW	OH		
AP00344528	202267	TEXAS PARKS AND WILDLIFE DEPT	06/21/11	1,377 85	MW	OH		
AP00344529	406147	THOMA, JOHN	06/21/11	180 00	MW	OH	B7	
AP00344530	713470	TITLE SOURCE INC	06/21/11	8 00	MW	OH		
AP00344531	700583	TORRES, ROBERTO	06/21/11	75 83	MW	OH	B7	
AP00344532	711781	TSA - TEXAS SURGICAL ASSOCIAT	06/21/11	986 67	MW	OH		
AP00344533	710161	TUBING AND METRICS HYDRAULICS	06/21/11	26 48	MW	OH		
AP00344534	703929	TXU ENERGY RETAIL COMPANY LP	06/21/11	199 36	MW	OH		
AP00344535	710045	TYLER TECHNOLOGIES - THE SOFT	06/21/11	225 00	MW	OH		
AP00344536	710003	U S ENERGY SAVINGS CORP	06/21/11	100 00	MW	OH		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
AP00344537	701538	UNITED PARCEL SERVICE	06/21/11	66 11	MW	OH		
AP00344538	404804	UNIVERSITY OF TEXAS AT AUSTIN	06/21/11	495 00	MW	OH		
AP00344539	713134	UPRIGHT MRI OF CLEAR LAKE LLC	06/21/11	742 30	MW	OH		
AP00344540	713476	UTMB/MANAGEMENT REVENUE CYCLE	06/21/11	11 00	MW	OH		
AP00344541	402812	UTMB	06/21/11	8,781 44	MW	OH		
AP00344542	402812	UTMB	06/21/11	1,078 41	MW	OH		
AP00344543	713475	VAN H HENDRIX ATTY AT LAW	06/21/11	96 00	MW	OH		
AP00344544	408815	VELLA, RONALD F	06/21/11	294 00	MW	OH	B7	
AP00344545	400131	VULCAN CONSTRUCTION MATERIALS	06/21/11	17,204 18	MW	OH		
AP00344546	708205	WALMART	06/21/11	447 00	MW	OH		
AP00344547	711135	WENGROFF MD, SEAN D	06/21/11	79 62	MW	OH		
AP00344548	701533	WEST PUBLISHING CORPORATION	06/21/11	456 50	MW	OH		
AP00344549	711999	WILSON, TARA L	06/21/11	1,519 18	MW	OH	B7	

S U B T O T A L S

Total Void Machine Written	0 00	Number of Checks Processed	0
Total Void Hand Written	0 00	Number of Checks Processed	0
Total Machine Written	5645,353 95	Number of Checks Processed	299
Total Hand Written	0 00	Number of Checks Processed	0
Total Reversals	0 00	Number of Checks Processed	0
Total Cancelled	0 00	Number of Checks Processed	0
S U B T O T A L	5645,353 95		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
FT00000203	404603	BAKER, STEPHEN W	06/21/11	978 50	CX	OH	B7	
FT00000204	161059	BOB PAGAN FORD INC	06/21/11	5,516 56	CX	OH		
FT00000205	712005	CIANBRO/BRASFIELD & GORRIE II	06/21/11	4566,326 02	CX	OH		
FT00000206	071118	GALVESTON NEWSPAPERS INC	06/21/11	4,331 51	CX	OH		
FT00000207	403006	KEYWORTHS HARDWARE INC	06/21/11	395 69	CX	OH		
FT00000208	705097	LONE STAR UNIFORMS INC	06/21/11	4,996 25	CX	OH		

S U B T O T A L S

Total Void Machine Written	0 00	Number of Checks Processed	0
Total Void Hand Written	0 00	Number of Checks Processed	0
Total Machine Written	0 00	Number of Checks Processed	0
Total Hand Written	0 00	Number of Checks Processed	0
Total Reversals	0 00	Number of Checks Processed	0
Total Cancelled	4582,544 53	Number of Checks Processed	6
S U B T O T A L	4582,544 53		

Check	Payee ID	Payee Name	Date	Check Amount	Type	Subs	Rel To	Note
		G R A N D T O T A L S						
		Total Void Machine Written		0 00		Number of Checks Processed		0
		Total Void Hand Written		0 00		Number of Checks Processed		0
		Total Machine Written		5645,353 95		Number of Checks Processed		299
		Total Hand Written		0 00		Number of Checks Processed		0
		Total Reversals		0 00		Number of Checks Processed		0
		Total Cancelled		4582,544 53		Number of Checks Processed		6
		G R A N D T O T A L		10227,898 48				

AGENDA ITEM #1b

ORDER

On this the 21st day of June 2011, the Commissioners Court of Galveston County, Texas convened in a regularly scheduled meeting with the following members thereof present

Mark A Henry, County Judge
Patrick Doyle, Commissioner, Precinct No 1
Kevin D O'Brien, Commissioner, Precinct No 2
Stephen Holmes, Commissioner, Precinct No 3
Ken Clark, Commissioner, Precinct No 4 and
Dwight D Sullivan, County Clerk

when the following proceedings, among others, were had to-wit

Upon recommendation being received by the County Auditor, IT IS ORDERED that the County Clerk enter this ORDER in the minutes of the Commissioner's Court approving the biweekly payrolls of GALVESTON COUNTY, GALVESTON COUNTY HEALTH DISTRICT, AND GALVESTON COUNTY ROAD DISTRICT NO 1 as are shown on the payroll lists attached hereto and made a part hereof for all intents and purposes for the period ending June 8th, 2011 and being salary warrant numbers **PY0332564 through PY0332565.** The gross amount of such warrants are estimated **$ 1,421.73 for Supplemental Payroll #712, 2011.**

UPON MOTION OF COUNTY COMMISSIONER **HOLMES** AND SECONDED

BY COMMISSIONER **O'BRIEN** THE ABOVE ORDER WAS PASSED THIS **21ST** DAY

OF **JUNE**, 2011 with **5** votes cast in favor thereof and **0** votes cast against

COUNTY OF GALVESTON, TEXAS

Mark A Henry, County Judge

ATTEST:

Dwight D Sullivan
County Clerk

RECOMMENDED

Cliff Billingsley, CPA
County Auditor

AGENDA ITEM #1c

THE COUNTY OF GALVESTON

COUNTY AUDITOR'S OFFICE
P O Box 1418
GALVESTON, TEXAS 77553

Cliff Billingsley, CPA
County Auditor

Ron Chapa, CPA
First Assistant, Director of Auditing

Jeff Modlewski, CPA
First Assistant, Director of Accounting

LaToya Jordan
First Assistant, IT System

June 21, 2011

Honorable Judge Mark A. Henry and
Members of the Commissioners' Court

Honorable Judge and Members of the Court

Attached for your consideration is the internal audit report of Justice of the Peace, Precinct 6 as required by Local Government Code (LGC) §115 The audit covered the period April 1, 2010 through March 31, 2011 Also attached is Honorable Judge Pat Vondra's response letter dated June 8, 2011

Sincerely,

Cliff Billingsley, CPA
County Auditor

cc. Honorable Pat Vondra

Attachments: Justice of the Peace, Precinct 6 Audit Report
Response Letter, Judge Pat Vondra

Justice of the Peace, Precinct 6 Audit

April 29, 2011

Galveston County
Internal Audit
Division

Cliff Billingsley, CPA
County Auditor

Executive Summary.. ... 1
Introduction.... . . . 2
Details 3-6
General Information. . . 7-8

Executive Summary

Reliability and Integrity of Information (page 3)

- Nothing came to our attention during the audit to cause us to doubt the overall reliability and integrity of the information. However, controls over recordkeeping and reporting can be improved by implementing proper separation of duties relative to check writing and bank reconciliation duties

Safeguarding of Assets (page 4)

- The Court has adequate controls in place to physically secure the assets
  - All collections are secured until depositing in the bank
  - Deposits are made daily
  - Bank reconciliations are properly performed and adequately supported each month

Compliance with Statutes, Policies, and Procedures (page 5)

- The Court should comply with statutes by implementing the following recommendations
  - Do not assess a time payment fee of $25 if the person pays all of the fine, court costs, and restitution on or before the 31st day after the date on which a judgment is entered.
  - Submit a purchase request for payment to Linebarger for past collection fees
  - Submit purchase requests by the 20th day of each month to satisfy the County's obligation to Linebarger

Economic and Efficient Use of Resources (page 6)

- To improve the efficiency of the Court, all clerks should utilize the 'Activity Notes' and 'Case Notes' option in Net Data to document individual case activities

General Information (pages 7-8)

In the aftermath of Hurricane Ike in September 2008, the case load at JP 6 decreased significantly, as did cash collections. However, the number of cases filed have increased in FY 2010 In addition, cash collections have been increasing since JP 6 began turning the past due cases over to the collection agency in August 2010.

Introduction

An internal audit was performed for the office of Justice of the Peace, Precinct 6 as required by Local Government Code § 115 0035. The audit covered the period from April 1, 2010 through March 31, 2011 and was conducted from April 11, 2011 through April 29, 2011

The objectives of the audit were to provide reasonable assurance concerning

- The reliability and integrity of the information
- The safeguarding of assets
- The compliance with laws, regulations, contracts, policies, plans, and procedures
- The economical, efficient and effective use of resources

The concept of reasonable assurance recognizes that 1) the cost of implementing the controls should not exceed the benefits likely to be derived, and 2) the valuation of costs and benefits requires the use of estimates and judgments by management

The internal audit included examining transactions on a test basis and judgment was required in the selection of such transactions. As the audit is not a detailed examination of all transactions, there is a risk that errors and/or fraud may not always be detected during the internal audit The Official therefore retains the responsibility for the accuracy and completeness of the financial information

Because of certain statutory duties required of the County Auditor, we are not independent with regard to the Justice of the Peace as defined by the AICPA professional standards However, our examination was performed with objectivity and due professional care.

Lori McWhirter, Internal Auditor I, performed the audit.

Reliability and Integrity of Information

Reliable information is accurate, timely, complete, and useful In order to achieve this, controls over record keeping and reporting must be adequate and effective

Nothing came to our attention during this audit to cause us to doubt the overall reliability and integrity of the information However, the controls in the following areas can be improved·

Separation of Duties

One of the most important controls is to have proper separation of duties No one person should authorize a transaction, record the transaction, and have custody of the assets

Finding: The court does not have proper separation of duties. All clerks can record transactions, dismissals, and jail time credits and have control over the assets (collections)

A proper separation of duties is sometimes difficult to establish due to budgetary constraints, however, there are compensating controls that can be implemented in managing the bond account

Finding: The individual who writes checks also reconciles the bond bank account

Recommendation JP6-10-03: Separate the check writing and bank reconciliation duties between two individuals *(This is a finding from the previous audit)*

Safeguarding of Assets

Physical Security

As part of the audit, we conducted a surprise cash count on April 13, 2011 All cash collections were accounted for at the time of the surprise cash count

Minimizing Exposure to Loss

Depositing daily is one of the best safeguards for collections as well as providing the County with the maximum benefit of the collections A clerk makes a deposit each morning and is accompanied by a Sheriff Deputy.

Managing the Assets

A bank reconciliation, properly prepared and adequately supported, is one of the best methods of cash management available to an official The reconciliation process highlights any discrepancies in the bond account and assists in preventing the misuse of funds The bond account bank and book (Net Data) balances are in agreement and the reconciliation is current

Compliance with Statutes, Policies, and Procedures

Except for the following, no instances were found in which the Court was not complying with the applicable laws, contracts, policies and procedures

1) Time Payment Fee Assessment

CCP §133.103 states that a person convicted of an offense shall pay, in addition to all other costs, a fee of $25 if the person pays any part of a fine, court costs, or restitution on or after the 31st day after the date on which a judgment is entered assessing the fine, court costs, or restitution.

Finding: The Court collected the time payment fee in error for those cases where the final payment was received before the 31st day after judgment *(This is a finding from the previous audit)*

Recommendation JP6-10-05: In compliance with CCP §133.103, court clerks should not collect the $25 time payment fee unless payment is received on or after the 31st day of judgment

2) Collection Contract (CCP §103.0031)

The County has agreed to pay the contracted collection agency, Linebarger, Goggan, Blair & Sampson, LLP (Linebarger) 30% of the total fines and fees of adjudicated cases occurring on or after June 18, 2003 The County shall pay the firm by the 20th day of each month all compensation earned by the firm for the previous month JP 6 began participating in the PC30 program in August 2010.

Finding: There appears to be a breakdown in training as the Court was unaware that they were responsible for submitting monthly purchase requests to pay the contracted collection agency

Recommendation JP6-11-04: The Court should submit a purchase request for payment to Linebarger for past collection fees The Court should continue to submit purchase requests by the 20th day of each month to satisfy the County's obligation to Linebarger

Economic and Efficient Use of Resources

Economy is defined as minimizing the cost of resources for an activity Efficiency is defined as performing tasks with reasonable effort

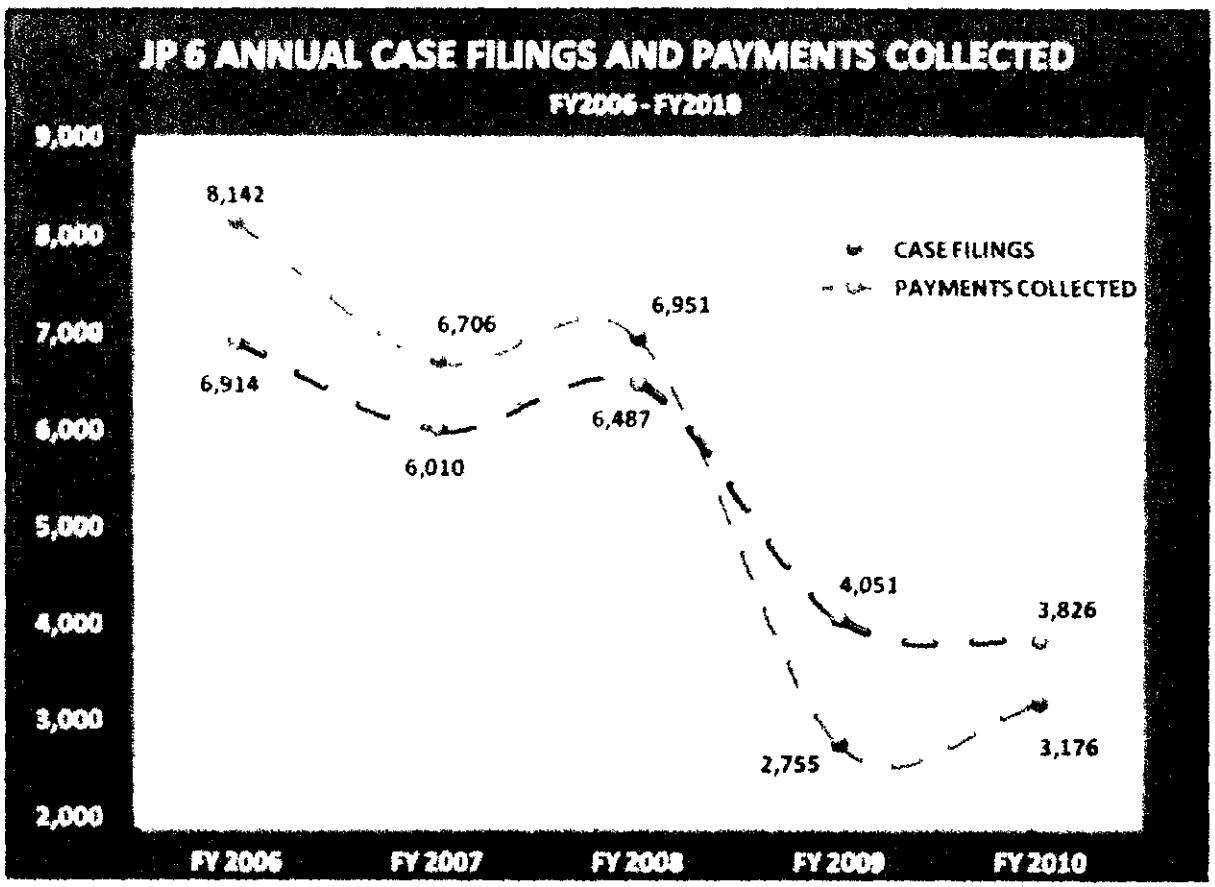
Net Data is considered the official docket of the Justice of the Peace Precinct Courts and provides a means of quickly accessing and reviewing individual cases All pertinent information related to each case should be recorded in the Net Data system

Finding: The clerks are not consistently utilizing the 'Activity Notes' and 'Case Notes' option in Net Data to document case activities. *(This is a finding from the previous audit.)*

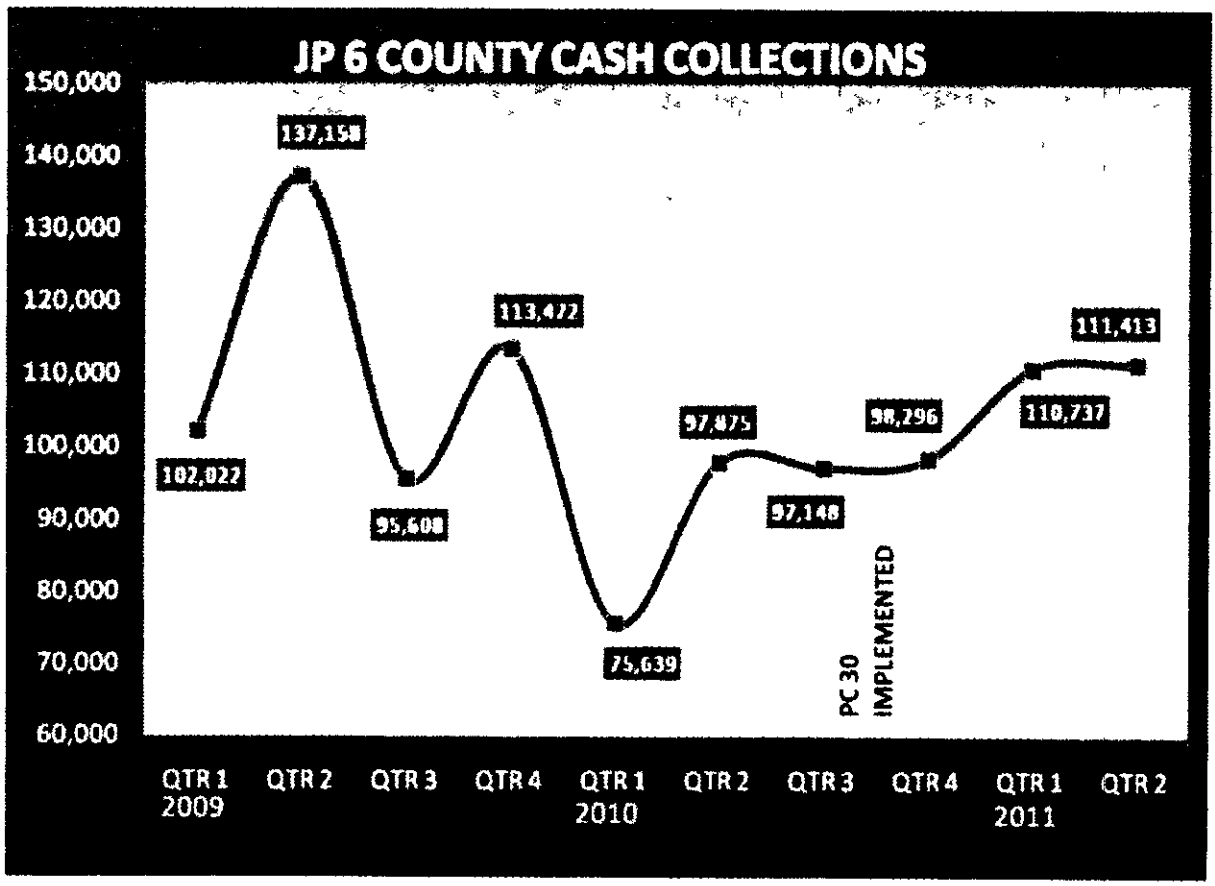
Recommendation JP6-10-07: To maximize the efficiency of Net Data, clerks should utilize the 'Activity Notes' and 'Case Notes' option in the system

General Information

In the aftermath of Hurricane Ike in September 2008, the case load at JP 6 decreased significantly, as did the number of payments collected However the number of cases filed in FY 2010 have increased



The amount of the County's portion of cash collections began to increase when JP 6 began submitting outstanding cases to Linebarger for private collections JP6 began this procedure in August 2010



COUNTY OF GALVESTON
PATRICIA A. VONDRA
JUSTICE OF THE PEACE PRECINCT 6
PO BOX 1435
CRYSTAL BEACH, TX 77650

June 8, 2011

Ms Lori Whirter, Internal Auditor
Galveston County Auditor's Office
722 Moody
Galveston, TX 77550

Dear Ms Whirter

In response to the audit draft submitted, all recommendations have been implemented

Susan Free is being trained to reconcile the bank statements,

A purchase order for Linebarger will be issued prior to the 20th of the month,

Activity notes are being used by all clerks,

Check writing and bank reconciliation are being handled by two separate individuals, and,

Time payments- most of our time payments are for more than 31 days In the event the payment will be made within 31 days the $25 will not be collected

Regards,

Pat Vondra

Pat Vondra

AGENDA ITEM #2

Summary of Bi-Weekly Personnel Movements

Pay Period 12 May 26 - June 8, 2011

	Positions	Current Appointments						Current Movements							Current Separations					
Department	Budgeted	FT	HT	PT	HR	Res	Total	Promo	Reclass	Reassign	Trans	Sal Adj	Demote	Total	Vol	Invol	Retire	Death	Other	Total
General Government	1 50						0							0						0
Facilities	19 0						0							0						0
Professional Services	6 0						0							0						0
Road District #1	5 0						0							0						0
County Judge	3 0						0							0						0
County Commissioners	8 0						0							0						0
Tax Office	51 0						0							0						0
County Auditor	33 0						0							0						0
County Clerk	43 0						0							0						0
County Clerk Records Mgmt	11 0						0							0						0
County Clerk Elections	6 0						0							0						0
Purchasing Agent	8 0						0							0						0
County Treasurer	7 0						0							0						0
Veterans Service	2 0						0							0						0
Human Resources	5 0						0							0						0
County Legal	6 0						0							0						0
Justice Administration	9 0						0							0						0
District Courts	19 0						0							0						0
County Courts	11 0						0							0						0
County Probate Court	6 0						0							0						0
Justice Courts	42 5						0							0						0
District Clerk	50 5	1					1							0						0
District Attorney/Jury & Trial	72 5						0							0						0
Pre-Trial Release	8 0						0							0						0
Sheriff	429 0	10		3			13							0	4	1	1			6
Constables	39 0						0							0						0
Social Services	14 0						0							0			1			1
Child Welfare	1 0						0							0						0
Senior Services	10 0						0							0						0
Emergency Management	7 0						0							0						0
Extension Services	9 0						0							0						0
County Engineer	7 0						0							0						0
Building Inspector	2 0						0							0						0
Community Services	4 0						0							0						0
Information Technology	51 0						0							0						0
County Parks	40 5						0							0		1				1
Beach Parks	1 5						0							0						0
Museum	2 0						0							0						0
Road & Bridge/Drainage/Beach	73 0						0	1						1		1				1
County Health District	11 0						0							0						0
Law Library	1 0						0							0						0
County Records Management	1 0						0							0						0
Juvenile Probation	68 0						0							0						0
Courthouse Security	4 0						0							0						0
Mosquito Control	13 0						0							0						0
Right of Way	1 0						0							0						0
Seawall Maintenance	6 0						0							0						0
Housing & Economic Dev	4 0						0							0						0
Grand Total	1232 0	11	0	3	0	0	14	1	0	0	0	0	0	1	4	3	2	0	0	9
Job Applications Received	70																			

Revised 03/11

AGENDA ITEM #3

CERTIFICATE *of* COURSE COMPLETION

Open Meetings Act

I, **Barbara E. Roberts**, certify that I have
completed a course of training on the Texas Open Meetings Act that satisfies the
legal requirements of Government Code, Section 551 005.

Certificate is issued effective this 17th day of July, 2006.

ATTORNEY GENERAL OF TEXAS
GREG ABBOTT

NOTICE TO CERTIFICATE HOLDER You are responsible for the safekeeping of this document as evidence that you have completed this open government training course The Office of the Attorney General does not maintain a record of course completion for you and is unable to issue duplicate certificates Government Code Section 551 005(c) requires the governmental body with which you serve to maintain this Certificate of Course Completion and make it available for public inspection

Certificate No 06-48337M

CERTIFICATE *of* COURSE COMPLETION

Public Information Act

I, **Barbara E. Roberts**, certify that I have
completed a course of training on the Texas Public Information Act that satisfies the
legal requirements of Government Code, Section 552 012

Certificate is issued effective this 17th day of July, 2006

ATTORNEY GENERAL OF TEXAS

NOTICE TO CERTIFICATE HOLDER You are responsible for the safekeeping of this document as evidence that you have completed this open government training course The Office of the Attorney General does not maintain a record of course completion for you and is unable to issue duplicate certificates Government Code Section 552 012(e) requires the governmental body with which you serve to maintain this Certificate of Course Completion and make it available for public inspection

Certificate No 06 48369P

AGENDA ITEM #4

Galveston County
Legal Department

COUNTY COURTHOUSE
722 MOODY 5th FLOOR
GALVESTON, TEXAS 77550-2317

Galveston Line (409) 770-5562

Houston Line (281) 316-8300

Fax Line (409) 770-5560

HARVEY BAZAMAN

GALVESTON COUNTY JUDGE

Donald Glywasky
Barry C. Willey
Myrna S. Reingold

RECEIVED
JUN 09 2011

June 8, 2011

Hon Mark Henry
Hon County Commissioners' Court
Galveston County Courthouse
Galveston, Texas 77550

Re County claim for recovery of property damages
Date of auto collision. 4/29/10
Amount of Damage $6,493.45

Gentlemen

I am pleased to inform you that we have made a complete recovery in connection with the above referenced claim.

The facts underlying our claim are that on or about the above referenced date an auto collision occurred with a Galveston County Sheriff's Office vehicle The county vehicle was struck by a driver who failed to yield the right of way while making a left hand turn on FM 646 at the intersection of Cross Colony Road in League City This settlement amount represents a full recovery for property damages in the amount of $6,493 45 No other claims are pending in this matter.

We received the settlement check and it was deposited in the appropriate account through the Treasurer's office

Should you have any questions, please call.

Sincerely,

Barry C. Willey

Barry C Willey

BCW/mfa
Enclosures
10-072
cc· Sheriff Freddie Poor
Brandt Raeburn, Galveston County Sheriff's Office

AGENDA ITEM #5

Texas Dept of Family
and Protective Services

Budget for Title IV-E
County Child Welfare Services Contract

Form 2030CWIVE
August 2010

Summary

County. Galveston County IV-E Child Welfare Services

Contract Number: 23379437

Budget Effective Date: 10/1/10 - 9/30/2011

Cost Category	*Estimated Total Expenses Allocable to Title IV-E*	*Total Anticipated Federal Reimbursement**	*Total Anticipated County Match*
A. Administration			
A 1 Direct Personnel Salaries	$36,632 40	$5,244 66	$31,387 74
A 2 Direct Personnel Fringe Benefits	$12,109 94	$1,733 77	$10,376 17
A 3 Direct Personnel Travel	$0 00	$0 00	$0 00
A 4 Direct Materials and Supplies	$8,000 00	$1,145 37	$6,854 63
A 5 Direct Equipment	$0 00	$0 00	$0 00
A 6 Direct Other Costs	$10,000 00	$1,431 70	$8,568 30
Total Administration	*$66,742 34*	*$9,555 50*	*$57,186 84*
B Training			
B 1 Title IV-E Training (75%)	$9,010 00	$1,174 53	$7,835 47
B 2 Title IV-E Fostering Connections Training (65%)	$0 00	$0 00	$0 00
B 3 Non-Title IV-E Training (50%)	$0 00	$0 00	$0 00
Total Training	*$9,010 00*	*$1,717 86*	*$7,292 14*
C. Supplemental Foster Care Maintenance (SFCM)			
Total SFCM	*$135,000 00*	*$79,285 50*	*$55,714 50*
D. Indirect Costs (if applicable)			
Total Indirect Costs		*$0 00*	*$0 00*
Grand Total	**$210,752 34**	**$90,558.86**	**$120,193.48**

***Estimated Federal Reimbursement for expenses based on Eligible Population Rate (EPR) during 3rd quarter of the preceding fiscal year** — **28.634%**

Actual reimbursement will be based on EPR in effect for the county during the month in which expenses were incurred

*** Estimated Federal Reimbursement for Supplemental Foster Care Maintenance expenses based on Federal Medicaid Assistance Percentage (FMAP) rate in effect during preceding fiscal year** — **66.730%**

Actual reimbursement will be based on FMAP rate in effect at the time reimbursement is made to contractor

Indirect Cost Rate, if applicable (attach a copy of the approved Certificate of Indirect Costs)

Contractor Certification

Lanny Brown — 6/14/11

Signature — ***Date***

LANNY BROWN, DIRECTOR

Printed Name & Title

Texas Dept of Family
and Protective Services

Budget for Title IV-E
County Legal Services Contract

Form 2030CLIVE
August 2010

Summary

County:	**Galveston County IV-E Legal Servic**
Contract Number:	**23379429**
Budget Effective Date:	**10/01/2010 - 9/30/2011**

Cost Category	Estimated Total Expenses Allocable to Title IV-E	Total Anticipated Federal Reimbursement*	Total Anticipated County Match
A. Administration			
A 1 Direct Personnel Salaries	$202,089 28	$28,933 12	$173,156 15
A 2 Direct Personnel Fringe Benefits	$62,722 44	$8,979 97	$53,742 47
A 3 Direct Personnel Travel	$500 00	$71 59	$428 42
A 4 Direct Materials and Supplies	$0.00	$0 00	$0 00
A 5 Direct Equipment	$0 00	$0 00	$0 00
A 6 Direct Other Costs	$0 00	$0 00	$0.00
Total Administration	*$265,311 72*	*$37,984 68*	*$227,327 04*
B. Training			
B 1 Title IV-E Training (75%)	$0 00	$0 00	$0 00
B 2 Title IV-E Fostering Connections Training (65%)	$0 00	$0 00	$0 00
B 3 Non-Title IV-E Training (50%)	$0 00	$0 00	$0 00
Total Training	*$0 00*	*$0 00*	*$0 00*
C. Indirect Costs (if applicable)			
Total Indirect Costs	*$125,000 00*	*$10,753 86*	*$114,246 14*
Grand Total:	**$390,311.72**	**$48,738.54**	**$341,573.18**

***Estimated Federal Reimbursement for expenses based on Eligible Population Rate (EPR) during 3rd quarter of the preceding fiscal year:** **28.634%**

Actual reimbursement will be based on EPR in effect for the county during the month in which expenses were incurred

Indirect Cost Rate, if applicable (attach a copy of the approved Certificate of Indirect Costs): **60.090%**

Contractor Certification

Lanny Brown
Signature

6/15/11
Date

LANNY BROWN - DIRECTOR - Community Services
Printed Name & Title

AGENDA ITEM #6

Galveston County Community Action Council

Maj. Ray Tuttoilmondo
President

Jacquelyn R. Douglas
Interim Executive Director

Telephone (409) 765-7878
Fax Number (409) 765-9951
2627 Avenue M * P.O. Box 3206
Galveston, Texas 77552

June 8, 2011

7010 3090 0000 9819 1628

RECEIVED
JUN 09 2011
GALVESTON COUNTY JUDGE

The Honorable Mark Henry &
Commissioner's Court's
722 Moody
Galveston, TX 77550

PLEASE RESPOND

We are awaiting a response in regards to previous letters sent. First, we need approval from the Commissioner's Court to name the following entities in order to structure our Board of Directors.

The six entities are
1) City of LaMarque
2) City of Texas City
3) County of Galveston
4) City of Hitchcock
5) City of League City
6) City of Dickinson

If this selection meets with the Court's approval we will proceed with sending letters to each entity asking them to appoint a representative to serve on the GCCAC Board of Directors

Second, the slot allotted for Galveston County is now vacant Dr Karen Smith has formally resigned Please advise this office, *as soon as possible*, of the name of the person you would appoint to serve on the CAC Board

Also note, the GCCAC Board is required to have representatives with the following qualifications, Background and expertise in fiscal management or accounting, an attorney familiar with issues coming before the board, and background and expertise in early childhood education and development Please specify background in your letter if any of the above apply to the representative you appoint.

We look forward to your response

Sincerely,

Jacquelyn R Douglas
Interim Executive Director

combating poverty through communication, consultation, cooperation, coordination

AGENDA ITEM #7

Bryan W. Shaw, Ph.D , *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 24, 2011

Dear Landowner:

The Texas Commission on Environmental Quality (TCEQ) in cooperation with the University of Houston-Clear Lake is conducting an ecological assessment of wetlands in Texas in support of the National Wetlands Condition Assessment (NWCA). The NWCA is one of a series of water surveys being conducted by the U.S. Environmental Protection Agency (EPA). In addition to wetlands, coastal waters, wadeable streams, rivers, and lakes have also been surveyed in previous years. The purpose of these surveys is to generate statistically-valid and environmentally relevant reports to Congress on the condition of the Nation's water resources.

Sample points were randomly selected to represent the condition of wetlands across the country. Forty-two randomly selected wetlands sampling sites were identified in Texas. Data gathered from individual points are integrated into a national data set and are not evaluated individually. Work for this project will take place between April 1 and September 30, 2011.

With your consent we will be conducting a one-time survey that will last about 5-8 hours. Our sample area will be a 100-meter circle centered on the sample point which is identified on the attached map. The primary focus of the on-site field survey is to record observations such as plant species diversity, and soil types. A minimal amount of water (if present), soil and vegetation will be collected from the sample area. Soil samples will be analyzed for chemistry and bulk density by the Natural Resource Conservation Service (NRCS).

We have enclosed a copy of a map(s) with the specific point in the wetlands to be sampled. We realize that working on your property is a privilege and we will respect your landowner rights at all times and no visits will be made without prior contact to establish a specific field date and logistics. The data collected is to be used for scientific purposes only and TCEQ will provide a copy of the final report, if requested.

As your permission response, please return the completed Landowner Access Permission Form in the enclosed envelope. If you have any questions concerning this request, please contact Barbara Landry (512/239-1970), Anne Rogers (512-239-4597) or me (512/239-5831).

Sincerely,

Christine M Kolbe

TCEQ NWCA Project Manager

SITE ID. 11-2580

NWCA Landowner Permission Form

The Field Crew from The University of Houston – Clear Lake on behalf of the Texas Commission on Environmental Quality has requested permission to access the wetland site located on my property as part of the EPA's National Wetland Condition Assessment. Please check one of the choices below·

__x__ I grant permission, with the expectation that I will be notified at least one week prior to visiting the site

_____ I grant permission, but with the following restrictions:_____

_____

_____

_____ I do not grant permission

Landowner Name (please print): Galveston County – County Judge Mark Henry

Landowner Signature: Mark Henry

Date 6/21/11

Contact Information
Phone Number: (409) 765-2639 Roxann Lewis
Email: roxann.lewis@co galveston.tx.us
Address: 722 Moody, Suite 200
Galveston, TX 77550

Additional Access Information (please describe any specific details about your property that the Field Crew should be aware of, such as gates, cattle or livestock on property, planned prescribed burns, planned harvests, etc.):

If the occupant is different than the landowner, please list the name and phone number of the occupant below so that we may contact them before the site visit:

Please return this form to:

Texas Commission on Environmental Quality, SWQM Program, MC-234, P.O. Box 13087, Austin, TX 78711-3087, or fax to (512) 239-4410

AGENDA ITEM #8

Cheryl E. Johnson, RTA

Assessor and Collector of Taxes
Galveston County
Galveston County Courthouse
722 Moody Avenue, Galveston, Texas 77550
Toll Free 877-766-2284 Fax 409-766-2479 Office 409-765-3277
Cheryl E Johnson@co galveston tx us

June 3, 2011

The Honorable Mark Henry
Galveston County Judge
722 Moody Street
Galveston, Texas 77550

Re Tax Refunds in Excess of $2,500 00

Dear Judge Henry

In accordance with Section 31 11 (a) of the Texas Property Tax Code, I hereby request approval of the following refund (s)

Account Number	Amount	Reason
5295-0000-1261-000	$ 7,201.12	Overpayment
3854-0191-0003-000	$ 3,211 23	Overpayment
7248-1001-0005-000	$ 4,089 13	Overpayment
0055-0062-0000-000	$ 3,252 60	Overpayment
1357-0001-0024-000	$ 3,890 14	Duplicate
3505-0401-0012-001	$10,967 59	Overpayment
5294-0000-1134-000	$ 2,914 60	Duplicate
7326-1000-0005-000	$ 6,689 14	Overpayment
7648-0000-0002-000	$ 3,241 62	Duplicate

Sincerely,

Cheryl E. Johnson

Cheryl E Johnson

Refunds in Excess $2500

Account Number	Amount	Reason
5295-0000-1261-000	$ 7,201.21	Overpayment
3854-0191-0003-000	$ 3,211.23	Overpayment
7248-1001-0005-000	$ 4,089.13	Overpayment
0055-0062-0000-000	$ 3,252,60	Overpayment
1357-0001-0024-000	$ 3,890.14	Duplicate
3505-0401-0012-001	$10,967 59	Overpayment
5294-0000-1134-000	$ 2,914.60	Duplicate
7326-1000-0005-000	$ 6,689.14	Overpayment
7648-0000-0002-000	$ 3,241.62	Duplicate

AGENDA ITEM #9

Cheryl E. Johnson, RTA

Assessor and Collector of Taxes
Galveston County
722 Moody Avenue, Galveston, Texas 77550
Toll Free 877-766-2284 Fax 409-766-2479 Office 409-766-2284
www galcotax com

June 1, 2011

The Honorable Mark Henry
Galveston County Judge
722 Moody
Galveston, Texas 77550

RE: Clerical Error Refund / Waiver
4458-0000-0005-000
Lafittes Harbor Dev.1 LP

Dear Judge Henry

In accordance with Section 33.011 (a) of the Texas Property Tax Code, I hereby request approval of a waiver/refund of penalty, interest, fees on the above referenced tax account, as listed below

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account They also acknowledge the fact this error was a contributing factor toward the delinquent taxes associated with this property

Account Numbers	Year	Waiver
4458-0000-0005-000	2010	$ 268 76

Sincerely,

Cheryl E. Johnson

Cheryl E Johnson

GALVESTON CENTRAL APPRAISAL DISTRICT

Ken Wright, Chief Appraiser

600 Gulf Freeway, Suite113 Texas City, Texas 77591
Telephone (409) 935-1980 or toll free (866) 277-4725
Fax (409) 935-4319

May 24, 2011

Galveston County Tax Office
P.O Box 1169
Galveston, Texas 77553-1169

Re: Tax Account(s) 4458-0000-0005-000 / R519110

To Whom It May Concern:

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account(s). While the tax code places the responsibility on the property owner to ensure the property's correct listing on the appraisal roll, we acknowledge the fact that this error was a contributing factor toward the delinquent taxes associated with this property. The Appraisal District has or will address this error for the year(s) 2010 through the supplement roll process.

The property owner is requesting a waiver of penalties and interest based on these circumstances. Section 33.011 of the Texas Property Tax Code allows only the governing body of a tax unit to decide on these issues. This letter may be presented to the appropriate governing body as our statement on the matter.

Respectfully,

David Arnold
Director – G.I.S. / Mapping

Cheryl E. Johnson, RTA

Assessor and Collector of Taxes
Galveston County
722 Moody Avenue, Galveston, Texas 77550
Toll Free 877-766-2284 Fax 409-766-2479 Office 409-766-2284
www galcotax com

June 1, 2011

The Honorable Mark Henry
Galveston County Judge
722 Moody
Galveston, Texas 77550

RE: Clerical Error Refund / Waiver
4458-0000-0003-000
Lafittes Harbor Dev.1 LP

Dear Judge Henry

In accordance with Section 33.011 (a) of the Texas Property Tax Code, I hereby request approval of a waiver/refund of penalty, interest, fees on the above referenced tax account, as listed below

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account They also acknowledge the fact this error was a contributing factor toward the delinquent taxes associated with this property

Account Numbers	Year	Waiver
4458-0000-0003-000	2010	$ 412 40

Sincerely,

Cheryl E. Johnson

Cheryl E. Johnson

GALVESTON CENTRAL APPRAISAL DISTRICT

Ken Wright, Chief Appraiser

600 Gulf Freeway, Suite113 Texas City, Texas 77591
Telephone: (409) 935-1980 or toll free (866) 277-4725
Fax (409) 935-4319

May 24, 2011

Galveston County Tax Office
P.O Box 1169
Galveston, Texas 77553-1169

Re: Tax Account(s) 4458-0000-0003-000 / R519109

To Whom It May Concern:

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account(s). While the tax code places the responsibility on the property owner to ensure the property's correct listing on the appraisal roll, we acknowledge the fact that this error was a contributing factor toward the delinquent taxes associated with this property. The Appraisal District has or will address this error for the year(s) 2010 through the supplement roll process.

The property owner is requesting a waiver of penalties and interest based on these circumstances. Section 33.011 of the Texas Property Tax Code allows only the governing body of a tax unit to decide on these issues. This letter may be presented to the appropriate governing body as our statement on the matter.

Respectfully,

David Arnold
Director – G.I.S. / Mapping

Cheryl E. Johnson, RTA

Assessor and Collector of Taxes
Galveston County
722 Moody Avenue, Galveston, Texas 77550
Toll Free 877-766-2284 Fax 409-766-2479 Office 409-766-2284
www galcotax com

June 1, 2011

The Honorable Mark Henry
Galveston County Judge
722 Moody
Galveston, Texas 77550

RE: Clerical Error Refund / Waiver
4458-0000-0002-001
Lafittes Harbor Dev.1 LP

Dear Judge Henry:

In accordance with Section 33.011 (a) of the Texas Property Tax Code, I hereby request approval of a waiver/refund of penalty, interest, fees on the above referenced tax account, as listed below.

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account They also acknowledge the fact this error was a contributing factor toward the delinquent taxes associated with this property.

Account Numbers	Year	Waiver
4458-0000-0002-001	2010	$ 61 36

Sincerely,

Cheryl E. Johnson

Cheryl E. Johnson

GALVESTON CENTRAL APPRAISAL DISTRICT

Ken Wright, Chief Appraiser

600 Gulf Freeway, Suite113 Texas City, Texas 77591
Telephone. (409) 935-1980 or toll free (866) 277-4725
Fax (409) 935-4319

May 24, 2011

Galveston County Tax Office
P.O Box 1169
Galveston, Texas 77553-1169

Re: Tax Account(s) 4458-0000-0002-001 / R519108

To Whom It May Concern:

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account(s). While the tax code places the responsibility on the property owner to ensure the property's correct listing on the appraisal roll, we acknowledge the fact that this error was a contributing factor toward the delinquent taxes associated with this property. The Appraisal District has or will address this error for the year(s) 2010 through the supplement roll process.

The property owner is requesting a waiver of penalties and interest based on these circumstances. Section 33.011 of the Texas Property Tax Code allows only the governing body of a tax unit to decide on these issues. This letter may be presented to the appropriate governing body as our statement on the matter.

Respectfully,

David Arnold
Director – G.I.S. / Mapping

Cheryl E. Johnson, RTA

Assessor and Collector of Taxes
Galveston County
722 Moody Avenue, Galveston, Texas 77550
Toll Free 877-766-2284 Fax 409-766-2479 Office 409-766-2284
www galcotax com

June 1, 2011

The Honorable Mark Henry
Galveston County Judge
722 Moody
Galveston, Texas 77550

RE: Clerical Error Refund / Waiver
4458-0000-0001-000
Lafittes Harbor Dev.1 LP

Dear Judge Henry

In accordance with Section 33 011 (a) of the Texas Property Tax Code, I hereby request approval of a waiver/refund of penalty, interest, fees on the above referenced tax account, as listed below

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account They also acknowledge the fact this error was a contributing factor toward the delinquent taxes associated with this property

Account Numbers	Year	Waiver
4458-0000-0001-000	2009	$ 2,254 58
4458-0000-0001-000	2010	$ 143 41

Sincerely,

Cheryl E. Johnson

Cheryl E Johnson

GALVESTON CENTRAL APPRAISAL DISTRICT

Ken Wright, Chief Appraiser

600 Gulf Freeway, Suite113 Texas City, Texas 77591
Telephone· (409) 935-1980 or toll free (866) 277-4725
Fax (409) 935-4319

May 24, 2011

Galveston County Tax Office
P.O Box 1169
Galveston, Texas 77553-1169

Re: Tax Account(s) 4458-0000-0001-000 / R515529

To Whom It May Concern:

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account(s). While the tax code places the responsibility on the property owner to ensure the property's correct listing on the appraisal roll, we acknowledge the fact that this error was a contributing factor toward the delinquent taxes associated with this property. The Appraisal District has or will address this error for the year(s) 2009 - 2010 through the supplement roll process.

The property owner is requesting a waiver of penalties and interest based on these circumstances. Section 33.011 of the Texas Property Tax Code allows only the governing body of a tax unit to decide on these issues. This letter may be presented to the appropriate governing body as our statement on the matter.

Respectfully,

David Arnold
Director – G.I.S. / Mapping

Cheryl E. Johnson, RTA

Assessor and Collector of Taxes
Galveston County
722 Moody Avenue, Galveston, Texas 77550
Toll Free 877-766-2284 Fax 409-766-2479 Office 409-766-2284
www galcotax com

June 1, 2011

The Honorable Mark Henry
Galveston County Judge
722 Moody
Galveston, Texas 77550

RE: Clerical Error Refund / Waiver
4458-0000-0000-001
Lafittes Harbor Dev.1 LP

Dear Judge Henry

In accordance with Section 33 011 (a) of the Texas Property Tax Code, I hereby request approval of a waiver/refund of penalty, interest, fees on the above referenced tax account, as listed below

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account. They also acknowledge the fact this error was a contributing factor toward the delinquent taxes associated with this property

Account Numbers	Year	Waiver
4458-0000-0000-001	2010	$ 1084 27

Sincerely,

Cheryl E. Johnson

Cheryl E Johnson

GALVESTON CENTRAL APPRAISAL DISTRICT

Ken Wright, Chief Appraiser

600 Gulf Freeway, Suite113 Texas City, Texas 77591
Telephone· (409) 935-1980 or toll free (866) 277-4725
Fax· (409) 935-4319

May 24, 2011

Galveston County Tax Office
P.O 1169
Galveston, Texas 77553-1169

Re: Tax Account(s) 4458-0000-0000-001 / R515528

To Whom It May Concern:

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account(s). While the tax code places the responsibility on the property owner to ensure the property's correct listing on the appraisal roll, we acknowledge the fact that this error was a contributing factor toward the delinquent taxes associated with this property. The Appraisal District has or will address this error for the year(s) 2010 through the supplement roll process.

The property owner is requesting a waiver of penalties and interest based on these circumstances. Section 33.011 of the Texas Property Tax Code allows only the governing body of a tax unit to decide on these issues. This letter may be presented to the appropriate governing body as our statement on the matter.

Respectfully,

David Arnold
Director – G.I.S. / Mapping

RECEIVED
MAY 24 2011
RESEARCH

Cheryl E. Johnson, RTA

Assessor and Collector of Taxes
Galveston County
722 Moody Avenue, Galveston, Texas 77550
Toll Free 877-766-2284 Fax 409-766-2479 Office 409-766-2284
www galcotax com

June 1, 2011

The Honorable Mark Henry
Galveston County Judge
722 Moody
Galveston, Texas 77550

RE: Clerical Error Refund / Waiver
6255-0000-1138-001
Richard Fallin

Dear Judge Henry

In accordance with Section 33 011 (a) of the Texas Property Tax Code, I hereby request approval of a waiver/refund of penalty, interest, fees on the above referenced tax account, as listed below

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account They also acknowledge the fact this error was a contributing factor toward the delinquent taxes associated with this property

Account Numbers	Year	Waiver
6255-0000-1138-001	2008	$ 1023 52
6255-0000-1138-001	2009	$ 805.85
6255-0000-1138-001	2010	$ 253 70

Sincerely,

Cheryl E. Johnson

Cheryl E Johnson

GALVESTON CENTRAL APPRAISAL DISTRICT

Ken Wright, Chief Appraiser

600 Gulf Freeway, Suite113 Texas City, Texas 77591
Telephone (409) 935-1980 or toll free (866) 277-4725
Fax (409) 935-4319

May 20, 2011

Galveston County Tax Office
P.O 1169
Galveston, Texas 77553-1169

Re: Tax Account(s) 6255-0000-1138-001 / R300708

To Whom It May Concern:

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account(s). While the tax code places the responsibility on the property owner to ensure the property's correct listing on the appraisal roll, we acknowledge the fact that this error was a contributing factor toward the delinquent taxes associated with this property. The Appraisal District has or will address this error for the year(s) 2008 - 2010 through the supplement roll process.

The property owner is requesting a waiver of penalties and interest based on these circumstances. Section 33.011 of the Texas Property Tax Code allows only the governing body of a tax unit to decide on these issues. This letter may be presented to the appropriate governing body as our statement on the matter.

Respectfully,

David Arnold
Director – G.I.S. / Mapping

Cheryl E. Johnson, RTA

Assessor and Collector of Taxes
Galveston County
722 Moody Avenue, Galveston, Texas 77550
Toll Free 877-766-2284 Fax 409-766-2479 Office 409-766-2284
www galcotax com

June 1, 2011

The Honorable Mark Henry
Galveston County Judge
722 Moody
Galveston, Texas 77550

RE: Clerical Error Refund / Waiver
2996-0000-0605-000
Kamour Lawal

Dear Judge Henry

In accordance with Section 33 011 (a) of the Texas Property Tax Code, I hereby request approval of a waiver/refund of penalty, interest, fees on the above referenced tax account, as listed below

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account. They also acknowledge the fact this error was a contributing factor toward the delinquent taxes associated with this property.

Account Numbers	Year	Waiver
2996-0000-0605-000	2010	$ 75 88

Sincerely,

Cheryl E Johnson

Cheryl E Johnson

GALVESTON CENTRAL APPRAISAL DISTRICT

Ken Wright, Chief Appraiser

600 Gulf Freeway, Suite113 Texas City, Texas 77591
Telephone· (409) 935-1980 or toll free (866) 277-4725
Fax (409) 935-4319

May 18, 2011

Galveston County Tax Office
P.O 1169
Galveston, Texas 77553-1169

Re: Tax Account(s) 2996-0000-0605-000 / R519199

To Whom It May Concern:

The Galveston Central Appraisal District recently discovered an incorrect property record regarding the above-referenced account(s). While the tax code places the responsibility on the property owner to ensure the property's correct listing on the appraisal roll, we acknowledge the fact that this error was a contributing factor toward the delinquent taxes associated with this property. The Appraisal District has or will address this error for the year(s) 2010 through the supplement roll process.

The property owner is requesting a waiver of penalties and interest based on these circumstances. Section 33.011 of the Texas Property Tax Code allows only the governing body of a tax unit to decide on these issues. This letter may be presented to the appropriate governing body as our statement on the matter.

Respectfully,

David Arnold
Director – G.I.S. / Mapping

AGENDA ITEM #10

PRINTER REQUEST FORM

Galveston County

NAME: Johnny J. Freeze DATE: 06-13-2011
DEPT: DA LOCATION: Rm 1032 TITLE: Chief Investigator

CIRCLE REQUIRED FUNCTIONS:

PRINT COPY FAX SCAN SCAN TO EMAIL

CIRCLE CHOICES BELOW:

COLOR or B/W

CIRCLE WORK GROUP SIZE:

PERSONAL 1-3 USERS 4-10 USERS 10+ USERS

MONTHLY PRINT VOLUME:

LOW (<2000 PAGES/MONTH)
MODERATE (2000-10,000 PAGES/MONTH)
MEDIUM (10,000-30,000 PAGES/MONTH)
HIGH (>30,000 PAGES/MONTH)

CIRCLE PAPER REQUIREMENTS:

8.5X11 8.5X14 11X17 Other

JUSTIFICATION: (Why is the printer needed?)* Please be very detailed. Need proximity to nearest Xerox machine location.

As Chief Investigator I conduct sensitive and serious investigations and need the ability to document and print information in black and white and sometimes in color. I also need the ability to scan documents and other materials to be able to send/receive to other law enforcement agencies in both color and black and white. The nearest black and white zerox machine is approx. 75' away and the color machine in at the east end of the Criminal Justice Center on the 1st floor.

SUBMITTED BY: Johnny J. Freeze DATE: 6-13-2011
DEPT HEAD NAME: Jack Roady-District Attorney DATE: 6-13-2011
DEPT HEAD SIGNATURE: [signature] DATE: 6-13-11

--Forward to Information Technology after Department Head approval--
---Below is for IT use Only---

Please be specific with justification, the more detailed the request is, the better we will be able to determine the best equipment item for your specific needs

Coordinator ⇨ IT Admin ⇨ IT Management

APPROVED _____ DENIED _____ SIGNATURE_____ DATE_____

PRINTER CHOSEN. _____

Comments: (Add another sheet if needed)

PRINTER REQUEST FORM

Galveston County

NAME: JOHNNY J. FREEZE DATE: 06-13-2011
DEPT: DA LOCATION: Rm. 1006 TITLE: CHIEF INVESTIGATOR

CIRCLE REQUIRED FUNCTIONS:

PRINT COPY FAX SCAN SCAN TO EMAIL

CIRCLE CHOICES BELOW:

COLOR or B/W

CIRCLE WORK GROUP SIZE:

PERSONAL 1-3 USERS 4-10 USERS 10+ USERS

MONTHLY PRINT VOLUME:

LOW (<2000 PAGES/MONTH)
MODERATE (2000-10,000 PAGES/MONTH)
MEDIUM (10,000-30,000 PAGES/MONTH)
HIGH (>30,000 PAGES/MONTH)

CIRCLE PAPER REQUIREMENTS:

8.5X11 8.5X14 11X17 Other

JUSTIFICATION: (Why is the printer needed?)* Please be very detailed. Need proximity to nearest Xerox machine location.

The all-in-one printer is needed for our audio/video room we are setting up in room 1006. This will be a secure room for working and viewing of confidential material of all types of cases. The room will be secure and only DA Investigators will have access. Due to the confidential nature of these investigations the printer needs to be secure. The nearest zerox machine is approx. 40' and is only black and white-we need color capability from time to time.

SUBMITTED BY: JOHNNY J. FREEZE DATE: 06-13-2011
DEPT HEAD NAME: JACK ROADY - DISTRICT ATTORNEY DATE: 6-13-2011
DEPT HEAD SIGNATURE: [signature] DATE: 6-13-11

--Forward to Information Technology after Department Head approval--

---Below is for IT use Only---

Please be specific with justification, the more detailed the request is, the better we will be able to determine the best equipment item for your specific needs

Coordinator ⇨ IT Admin ⇨ IT Management

APPROVED _____ DENIED _____ SIGNATURE_____ DATE_____

PRINTER CHOSEN: _____

Comments (Add another sheet if needed)

AGENDA ITEM #11

TEXAS TASK FORCE ON INDIGENT DEFENSE
Application for Reimbursement of Extraordinary Expense Disbursement

County	COUNTY OF GALVESTON		
County Judge	MARK HENRY	**Financial Officer**	CLIFF BILLINGSLEY
Address: 722 Moody, 2nd Floor Galveston, Texas 77550		**Address·** 722 Moody Galveston, Texas 77550	
Telephone Number	409-766-2244	**Telephone Number**	409-770-5304
Fax Number	409-765-3175	**Fax Number**	409-765-3252
E-mail Address	Mark henry@co galveston tx us	**E-mail Address**	Cliff.billingsley@co galveston tx.us
County's Payee Number (assigned by the Comptroller).			

Brief Summary of Statement of Need:
The expenses were incurred in a capital death-penalty case, 08CR0333, State of Texas v Travis J Mullis This case was disposed of on or about May 20, 2011 with defense costs totaling $343,853 23, including defense attorneys, experts, investigators, witness expense and appeal
Galveston County is located in Judicial Region No 2 and is not yet eligible to join the Regional Capital Public Defender's Office

Objective Criteria:
Total expenditures in this case represent nearly 20% of our total FY2011 budget for indigent defense attorney expenses In the last week, Galveston County picked up three more capital cases and notice to seek the death penalty on a separate pending capital case from this year. Galveston County was devastated, both physically and financially, by Hurricane Ike and the County still suffers loss of revenue in ad valorem taxes, filing fees related to real property documents, and other areas as well We simply cannot sustain vital services to indigent defendants without financial support from sources outside the County
Itemized Request (use attachments if necessary)

Invoice Number	Description	Unit Cost (If Applicable)	Amount Requested on Invoice
710773	Defense Attorney	1	$94,227.90
7	Defense Attorney	1	$83,109.55
	Invoices and supporting documents must be attached for this request to be considered	**Total Amount Requested** (Not to exceed $100,000)	**$100,000**

We certify that we have reviewed our plans submitted to the Office of Court Administration and that the plans specify the same criteria established to qualify for the Formula Grant Award for this fiscal year We affirm that this reimbursement request was for actual litigation expenses for indigent defendants or indigent juvenile respondents incurred during the current and/or immediately preceding fiscal year

County Judge

June 21, 2011
Date

TEXAS TASK FORCE ON INDIGENT DEFENSE
Authorization Form for Extraordinary Expense Disbursement

Upon consideration of the application submitted on _____(date) by the _____County Judge, the Task Force on Indigent Defense has reviewed the following

_____ Completed Application for Reimbursement of Extraordinary Costs of Indigent Defense Expenses

_____ Statement of Need

_____ Invoices and other documents submitted for reimbursement

_____ Recommendation of Task Force staff

The Task Force has determined the following·

_____The application is **APPROVED** for payment in the amount of $_____

_____The application is **DENIED.**

The reimbursement is authorized for the following reason(s) **(check all the following that apply)**

- ☐ Sufficient funds are available
- ☐ Staff has recommended reimbursement
- ☐ Documentation supports the overall mission of the Task Force
- ☐ Funds can be issued on this fiscal year.

The reimbursement is denied for the following reason(s) _____
_____
_____

The Chief Financial Officer of OCA is directed to disburse $_____ to _____ County The County's Comptroller Payee Number is_____

_____ _____
Jim Bethke, Director Task Force on Indigent Defense Date

710773

CR106810

C107221

ATTORNEY FEE VOUCHER
GALVESTON COUNTY

District Court # 122nd

County Court at Law #

Cause #/Offense

Cause #/Offense 08-CR-0333

Cause #/Offense

Cause#/Offense

Cause#/Offense

Disposition Date: ___/___/___

☐ Trial Jury ☐ Hired New Counsel

☐ Trial – Court ☐ Atty Withdrawn

☐ Plea ☐ Atty Removed

☐ Dismissed ☐ No-Billed

☐ Dism/Red to Misd #

STYLE State of Texas v State of Tx v. Travis J. Mullis

Offense Level ☐Felony ☐Misdemeanor ☐Juvenile ☐Appeal ☑Capital – Death Penalty ☐Capital – Non-Death ☐MRP – Felony ☐MRP-Misdemeanor

Attorney (Full Name Gerald E Bourque Telephone # 713-862-7766 SS# N/A

Street Address ~~Attorney at Law~~ Fax # 832-813-0321 BAR# 02716500

City/State/Zip 24 Waterway Ave, Suite 660 ~~The Woodlands, TX 77380~~ TAX ID# 74-2063353

Time Period for Services Rendered Beginning 9/14/10 through 5/11/11

Flat Fee – Court Appointed Services ☐Jail Docket	week		$900.00	$
In Court Services (Includes Plea Dismissal No-Billed etc in accorandance with adopted fee schedule and rate of $60.00 per hour) Brief Description	Hours	Dates	Rate	Total
Please see				
Out of Court Services Brief Description	Hours	Dates	Rate	Total
attached Ex. A.				
Total from Additional Pages				
Other Allowable Expenses Brief Description	Cost	Date		Total

Investigator	SUBMIT BILL FROM INVESTIGATOR	To be paid by ☐County ☐Attorney	$
Expert Witness	SUBMIT BILL FROM EXPERT/DOCTOR/OTHER	To be paid by ☐County ☐Attorney	$
Psyc Evaluation	SUBMIT BILL FROM DOCTOR	To be paid by ☐County ☐Attorney	$

Monies Received from Defendant or on behalf of Defendant (MINUS) $

☑ **Final Payment** ☐ **Partial Payment** (allowed in special cases only with Judge's approval)

TOTAL COMPENSATION AND EXPENSES CLAIMED (do not include amounts to investigators, experts etc to be paid by County) $94,227.90

ATTORNEY CERTIFICATION

I the undersigned attorney certify that the above information is true and correct and in accordance with the laws of the State of Texas. The compensation and expenses claimed were reasonable and necessary to provide effective assistance counsel. I further certify that I am/was licensed by the State of Texas during the time period these services were rendered to practice as an attorney in the State of Texas

Attorney Signature Date 4/11/11

Signature of Presiding Judge Date 4/15/11 $94,227.90 TOTAL ALLOWED

RECEIVED APR 25 2011 BY:

REASON FOR DENIAL OR VARIATION ENT'D APR 26 2011 FORM GC#8

Paid 5/03/11

710798

District Court # 122nd

County Court at Law #

ATTORNEY FEE VOUCHER
GALVESTON COUNTY

Cause #/Offense
Cause #/Offense 08-CR-0333
Cause #/Offense
Cause#/Offense
Cause#/Offense

Disposition Date: 3/21/11

- [x] Trial - Jury
- [ ] Hired New Counsel
- [ ] Trial Court
- [ ] Atty Withdrawn
- [ ] Plea
- [ ] Atty Removed
- [ ] Dismissed
- [ ] No-Billed
- [ ] Dism/Red to Misd #

STYLE State of Texas v. Travis James Mullis

Offense Level ☐ Felony ☐ Misdemeanor ☐ Juvenile ☐ Appeal ☒ Capital - Death Penalty ☐ Capital - Non-Death ☐ MRP Felony ☐ MRP Misdemeanor

Attorney (Full Name PRINT ONLY) Robert R. Loger Telephone # 713 880 9000

Street Address 111 W. 15th St. Fax # 713 869 9912 BAR # 12562300

City/State/Zip Houston, TX. 77008

Time Period for Services Rendered Beginning 9/23/10 through 3/21/11

*required information

Flat Fee – Court Appointed Services ☐ Jail Docket	Week	# Cases Disposed	$950.00	$
In Court Services (Includes Plea Dismissal No-Billed etc in accordance with adopted fee schedule and rate of $65.00 per hour)	Brief Description	Hours	Dates	Rate	Total
	Please see attached Ex. A.				
Out of Court Services	Brief Description	Hours	Dates	Rate	Total
Total from Additional Pages					
Other Allowable Expenses	Brief Description	Cost	Date		Total
Investigator	SUBMIT BILL FROM INVESTIGATOR		To be paid by ☐ County ☐ Attorney		$
Expert Witness	SUBMIT BILL FROM EXPERT/DOCTOR/OTHER		To be paid by ☐ County ☐ Attorney		$
Psyc. Evaluation	SUBMIT BILL FROM DOCTOR		To be paid by ☐ County ☐ Attorney		$

Monies Received from Defendant or on behalf of Defendant (MINUS) $

☒ **Final Payment** ☐ **Partial Payment** (allowed in special cases only with Judge's approval)

TOTAL COMPENSATION AND EXPENSES CLAIMED (do not include amounts to investigators experts etc. to be paid by County) $ 83,109.55

REQUEST PAYMENT BE MADE BY ☐ **CHECK** ☐ **CREDIT CARD**

ATTORNEY CERTIFICATION

I the undersigned attorney certify that the above information is true and correct and in accordance with the laws of the State of Texas The compensation and expenses claimed were reasonable and necessary to provide effective assistance counsel I further certify that I am/was licensed by the State of Texas during the time period these services were rendered to practice as an attorney in the State of Texas

Attorney Signature Date 4/13/11

Signature of Presiding Judge John Ellison Date 4/15/11 $83,109.55 TOTAL ALLOWED

REASON FOR DENIAL OR VARIATION FORM GC #8

*required information-show the total number of cases you disposed of at jail docket during this period If you were assigned a case but did not dispose of that case during docket and will be billing for services at final disposition, do not include that case in your count

RECEIVED APR 25 2011 By

ENT'D APR 26 2011

paid 5/03/11

CR106812

CR107222

AGENDA ITEM #12

GALVESTON COUNTY ENGINEERING DEPARTMENT

Change Order No 2
Bolivar Peninsula Road Repairs – Segment 4

Owner **Galveston County**
Contractor **Durwood-Greene Construction Company**
Engineer **Charles D. Gooden Consulting Engineers, Incorporated**

Contract Number **1061**
Purchase Order Number **None Issued**
Bid Number **B101092**

Work Being Changed

This change order shall either reduce or eliminate work on 27 roadways in the project

Roadways to be removed from the contract are Atlanta, Lincoln, Gordon Dr., Caplen St , Peachtree, Lazy Ln , Cedar Ln., Donovan, Bluestein St , Kirks Rd , Butterfield Ln , Odem Rd., Pontiff, Daigle Dr., French Dr , Chantell Dr , Legers St., Pennington, Paisley St , and Front St

Reduced work shall be performed on Johnson Rd , Mae St , Elizabeth St , Margaret Rd , Gayle St., Bay St , and Faggards Rd ,

CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME	
Original Contract Price	**$1,679,947 50**	Original Contract Time	**120 Days**
Net Change From Previous Change Orders	**-$177,366.00**	Net Change From Previous Change Orders	**0 Days**
Contract Price Prior To This Change Order	**$1,502,581 50**	Contract Time Prior To This Change Order	**120 Days**
Net Increase/Decrease Of This Change Order	**-$176,750.70**	Net Increase/Decrease Of This Change Order	**0 Days**
Contract Price With All Approved Change Orders	**$1,325,830.80**	Contract Time With All Approved Change Orders	**120 Days**

RECOMMENDED

By _____
Engineer (Consultant)

By _____ Date 6-13-11
Engineer (County Engineer)

APPROVED
County Of Galveston

By _____ Date 6/21/11
Mark Henry, County Judge

Attest _____
Dwight Sullivan, County Clerk

ACCEPTED
Contractor

By _____ Date 06-06-11
Contractor (Authorized Signature)

STEPHEN W MAYNARD
Printed Name

GALVESTON COUNTY ENGINEERING DEPARTMENT
Change Order No 2
Bolivar Peninsula Road Repairs Segmen 4

					ORIGINAL + PREVIOUSLY		NEW		
Pay Item No	Spec Item No	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
65	340	D-GR HMA (METH) TY D SAC-B PG 64 22	SY	$8 30	476 00	$3,950 80	0 00	$0 00	$3 950 80
67	340	D-GR HMA (METH) TY D SAC-B PG 64-22	SY	$8 30	660 00	$5 478 00	0 00	$0 00	$5 478 00
87	340	D GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	786 00	$6 523 80	0 00	$0 00	-$6 523 80
88	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	8 00	$160 00	0 00	$0 00	-$160 00
99	340	D-GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	1 830 00	$15 189 00	1 439 00	$11 943 70	-$3 245 30
100	666	REFL PAV MRK TY I (W) 24 (SLD) (100MIL)	LF	$20 00	7 00	$140 00	0 00	$0 00	-$140 00
102	340	D-GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	542 00	$4 498 60	0 00	$0 00	-$4,498 60
103	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	6 00	$120 00	0 00	$0 00	-$120 00
105	340	D GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	556 00	$4 614 80	0 00	$0 00	-$4,614 80
106	666	REFL PAV MRK TY I (W) 24 (SLD) (100MIL)	LF	$20 00	7 00	$140 00	0 00	$0 00	-$140 00
108	340	D-GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	2,080 00	$17 264 00	1 639 00	$13,603 70	$3,660 30
109	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	18 00	$360 00	9 00	$180 00	-$180 00
113	340	D-GR HMA (METH) TY-D SAC B PG 64 22	SY	$8 30	589 00	$4,888 70	0 00	$0 00	-$4 888 70
117	340	D-GR HMA (METH) TY D SAC-B PG 64 22	SY	$8 30	598 00	$4 963 40	0 00	$0 00	-$4,963 40
118	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	8 00	$160 00	0 00	$0 00	-$160 00
120	340	D-GR HMA (METH) TY D SAC B PG 64-22	SY	$8 30	854 00	$7 088 20	0 00	$0 00	-$7 088 20
121	666	REFL PAV MRK TY I (W) 24 (SLD) (100MIL)	LF	$20 00	8 00	$160 00	0 00	$0 00	-$160 00
135	340	D-GR HMA (METH) TY-D SAC B PG 64 22	SY	$8 30	915 00	$7 594 50	0 00	$0 00	$7 594 50
136	666	REFL PAV MRK TY I (W) 24' (SLD) (100MIL)	LF	$20 00	7 00	$140 00	0 00	$0 00	-$140 00
138	340	D-GR HMA (METH) TY D SAC-B PG 64-22	SY	$8 30	2 279 00	$18 915 70	1 739 00	$14 433 70	-$4 482 00
141	340	D-GR HMA (METH) TY-D SAC B PG 64-22	SY	$8 30	1 917 00	$15 911 10	1 554 00	$12 898 20	-$3 012 90
144	340	D GR HMA (METH) TY D SAC-B PG 64-22	SY	$8 30	1 890 00	$15 687 00	1,567 00	$13 006 10	$2,680 90
147	340	D GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	1,763 00	$14 632 90	1 576 00	$13 080 80	-$1 552 10
150	340	D-GR HMA (METH) TY-D SAC B PG 64-22	SY	$8 30	1 741 00	$14,450 30	1 484 00	$12 317 20	$2 133 10
153	340	D GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	663 00	$5 502 90	0 00	$0 00	-$5 502 90
154	666	REFL PAV MRK TY I (W) 24 ' (SLD) (100MIL)	LF	$20 00	8 00	$160 00	0 00	$0 00	-$160 00
174	340	D GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	2 035 00	$16,890 50	0 00	$0 00	-$16 890 50
175	666	REFL PAV MRK TY I (W) 24' (SLD) (100MIL)	LF	$20 00	8 00	$160 00	0 00	$0 00	-$160 00
177	340	D-GR HMA (METH) TY D SAC-B PG 64-22	SY	$8 30	3 540 00	$29 382 00	3 281 00	$27,232 30	$2 149 70

GALVESTON COUNTY ENGINEERING DEPARTMENT
Change Order No 2
Bolivar Peninsula Road Repa rs Segment 4

					ORIGINAL + PREVIOUSLY		NEW		
Pay Item No	Spec Item No	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
178	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	20 00	$400 00	10 00	$200 00	$200 00
189	340	D-GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	494 00	$4 100 20	0 00	$0 00	$4,100 20
190	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	8 00	$160 00	0 00	$0 00	$160 00
192	340	D-GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	508 00	$4 216 40	0 00	$0 00	-$4,216 40
193	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	7 00	$140 00	0 00	$0 00	$140 00
195	340	D-GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	493 00	$4,091 90	0 00	$0 00	-$4 091 90
196	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	8 00	$160 00	0 00	$0 00	$160 00
198	340	D GR HMA (METH) TY-D SAC-B PG 64-22	SY	$8 30	490 00	$4 067 00	0 00	$0 00	-$4 067 00
199	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	9 00	$180 00	0 00	$0 00	-$180 00
204	340	D-GR HMA (METH) TY-D SAC B PG 64-22	SY	$8 30	609 00	$5 054 70	0 00	$0 00	-$5 054 70
205	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	10 00	$200 00	0 00	$0 00	$200 00
210	340	D-GR HMA (METH) TY-D SAC-B PG 64 22	SY	$8 30	2 928 00	$24,302 40	0 00	$0 00	-$24 302 40
211	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	7 00	$140 00	0 00	$0 00	-$140 00
222	340	D-GR HMA (METH) TY-D SAC B PG 64-22	SY	$8 30	3 404 00	$28 253 20	0 00	$0 00	-$28,253 20
223	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	9 00	$180 00	0 00	$0 00	-$180 00
228	340	D-GR HMA (METH) TY D SAC-B PG 64 22	SY	$8 30	568 00	$4 714 40	0 00	$0 00	-$4 714 40
229	666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	$20 00	8 00	$160 00	0 00	$0 00	$160 00
		TOTAL				**$295,646 40**		**$118,895.70**	**-$176,750.70**

Cost Overrun/Underrun by Item

Item Description	Original Quantity	Original Cost	New Quantity	New Cost	Overrun/Underrun
D-GR HMA (METH) TY-D SAC B PG 64-22	35 208 00	$292 226 40	14,279 00	$118,515 70	-$173 710 70
REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	171 00	$3 420 00	19 00	$380 00	$3,040 00
TOTAL		$295,646 40		$118,895 70	-$176,750 70

AGENDA ITEM #13

Control	3049-01-013
Project	PTF 2008 (402)
Highway	FM 646; FM 517 to IH 45
County	GALVESTON

CHANGE ORDER FORM

Change Order No. 14

Purchase Order No. G 809536

CONTRACTOR: W W. Webber, LLC

Contractor is directed by Galveston County to make the following changes to the Contract Documents

DESCRIPTION OF CHANGES: Provide Labor, Equipment, Material and Supplies to perform the work necessary to complete the Detention Basin in accordance with the revised Project Drawings.

ATTACHMENTS: (List Supporting Documents) RFP No. 5 Detention Basin, RFP #5 Revised Drawings

****

	CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME
1	Original Price:	$ 16,566,370.86	Original Time: 366 Days
2.	Net Change in Price Due to Prior Change Orders:	$ 224,548.48	New change in Time Due to Prior Change Orders: 5 Days
3.	Price Prior to this Change Order:	$ 16,790,919.34	Time Prior to this Change Order. 371 Days
4.	Net Price Change this Change Order:	$ 7,006.12	Net Time Change this Change Order: 0 Days
5.	Price resulting from this Change Order	$ 16,797,925.46	Time resulting from this Change Order: 371 Days

****

CO-14	132 2005	EMBANK (FINAL) (ORD COM)	350	CY	$3.16	$1,106.00
CO-14	156 2001	BULLDOZER WORK	8	HR	$138.18	$1,105.44
CO-14	464 2003	RC PIPE (CLIII) (18 IN)	70	LF	$53.20	$3,724.00
CO-14	465 2600	INLET (MODIFY EXISTING)	1	EA	$1,070.68	$1,070.68

AGREED BY CONTRACTOR: W.W. Webber, LLC

SIGNATURE: _____

TITLE: Area Manager

DATE: 5/20/11

DO NOT WRITE BELOW THIS LINE

****

APPROVED: _____ Date 6/21/11

Mark Henry
County Judge

ATTEST: _____

Dwight Sullivan
County Clerk

DANNENBAUM ENGINEERING CORPORATION
3100 WEST ALABAMA HOUSTON TEXAS 77098 P O BOX 22292 HOUSTON TEXAS 77227 (713) 520-9570

ENGINEERING EXCELLENCE SINCE 1945

September 22, 2010

Mike Fitzgerald, P.E.
Galveston County Courthouse
722 Moody Avenue 1st Floor
Galveston, Texas 77550

Project· PTF 2008 (402)
FM 646 from FM 517 to IH 45

Subject Change Order No 14

Mr Fitzgerald,

Please find attached for your consideration and execution Change Order No. 14 for the FM 646 project. This change order represents a design change to a detention pond directed by DEC in order to avoid League City's 24" water line.

During the course of constructing the detention pond from STA 326+81 to 335+08, 80' LT W W Webber discovered that League City's 24" water line was at a higher elevation then previously thought The detention pond was redesigned by DEC in order to resolve the conflict. This Change Order represents quantity adjustments to existing bid items and the addition of new items

This work was completed by the Contractor under verbal authorization from DEC A RFP was sent to the Contractor in July 2009 and was not returned by them until July 2010. In accordance with the LLGP requirements, TxDOT has reviewed and approved these changes

I have reviewed these changes for compliance with Contract Documents and recommend that Change Order No. 14 is processed for execution by Galveston County

Sincerely,

Keith Fredrickson
Construction Manager
Dannenbaum Engineering Corporation

Attachments

Control	3049-01-013
Project	PTF 2008 (402)
Highway	FM 646: FM 517 to IH 45
County	GALVESTON

CHANGE ORDER FORM

Change Order No. 15

Purchase Order No. G 809536

CONTRACTOR: W.W. Webber, LLC

Contractor is directed by Galveston County to make the following changes to the Contract Documents.

DESCRIPTION OF CHANGES: Provide Labor, Equipment, Material and Supplies to perform the work necessary to install the corrected sign supports in accordance with Contract Documents.

ATTACHMENTS: (List Supporting Documents) RFI No. 34, Revised Sign Layout Sheets, Revised Sign Summary Sheets

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	CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME
1.	Original Price:	$ 16,566,370.86	Original Time: 366 Days
2.	Net Change in Price Due to Prior Change Orders:	$ 231,554.60	New change in Time Due to Prior Change Orders: 5 Days
3.	Price Prior to this Change Order.	$ 16,797,925.46	Time Prior to this Change Order: 371 Days
4.	Net Price Change this Change Order.	$ 2,445.86	Net Time Change this Change Order: 0 Days
5.	Price resulting from this Change Order:	$ 16,800,371.32	Time resulting from this Change Order. 371 Days

****

CO-15	644-2002	INS SM RD SN SUP & AM TY 10BWG (1) SA (P – BM)	2	EA	$418.90	$837.80
CO-15	644-2004	INS SM RD SN SUP & AM TY 10BWG (1) SA (T)	5	EA	$463.44	$2,317.20
CO-15	644-2025	INS SM RD SN SUP & AM TY S80 (1) SA (T)	6	EA	$539.80	$3,238.80
CO-15	644-2027	INS SM RD SN SUP & AM TY S80 (1) SA (U)	2	EA	$530.25	$1,060.50
CO-15	644-2028	INS SM RD SN SUP & AM TY S80 (1) SA (U - 1EXT)	4	EA	$546 15	$2,184.60
CO-15	644-2042	INS SM RD SN SUP & AM TY S80 (2) SA (P)	4	EA	$731.74	$2,926.96
CO-15	644-2001	INS SM RD SN SUP & AM TY 10BWG (1) SA (P)	(23)	EA	$440.00	($10,120.00)

AGREED BY CONTRACTOR: W.W. Webber, LLC

SIGNATURE: _____

TITLE: Area Manager

DATE: 5/20/11

DO NOT WRITE BELOW THIS LINE

****

APPROVED: _____ Date 6/21/11
Mark Henry
County Judge

ATTEST: _____
Dwight Sullivan
County Clerk

DANNENBAUM ENGINEERING CORPORATION
3100 WEST ALABAMA HOUSTON TEXAS 77098 P O BOX 22292 HOUSTON TEXAS 77227 (713) 520-9570

ENGINEERING EXCELLENCE SINCE 1945

June 2, 2011

Mike Fitzgerald, P E
Galveston County Courthouse
722 Moody Avenue 1st Floor
Galveston, Texas 77550

Project PTF 2008 (402)
FM 646 from FM 517 to IH 45

Subject Change Order No 15

Mr Fitzgerald,

Please find attached for your consideration and execution Change Order No. 15 for the FM 646 project. This change order represents a design change for the sign mounts directed by DEC.

The original construction documents had only one Bid item for sign mounts. W.W Webber notified Dannenbaum on April 20, 2010 that additional sign mounts would be needed (Reference RFI No 34). This Change Order represents an adjustment to an existing bid item and the addition of new items

This work was completed by the Contractor under written authorization from DEC A RFP was sent to the Contractor In accordance with the LLGP requirements, TxDOT has reviewed and approved these changes.

I have reviewed these changes for compliance with Contract Documents and recommend that Change Order No 15 is processed for execution by Galveston County.

Sincerely,

Keith Fredrickson
Construction Manager
Dannenbaum Engineering Corporation

Attachments

Control	**3049-01-013**
Project	**PTF 2008 (402)**
Highway	**FM 646: FM 517 to IH 45**
County	**GALVESTON**

CHANGE ORDER FORM

Change Order No. 16

Purchase Order No. G 809536

CONTRACTOR: W W Webber, LLC

Contractor is directed by Galveston County to make the following changes to the Contract Documents

DESCRIPTION OF CHANGES: Adjust the Contract quantities to reflect the actual quantity of the work performed Adjust the Contract amount for Liquidated Damages, Ride Quality Penalties, and Irrigation System Damages

ATTACHMENTS: (List Supporting Documents) Time Charge Sheets, Ride Quality Profile Data, Irrigation Repair Invoices

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	CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME
1	Original Price	$ 16,566,370 86	Original Time 366 Days
2	Net Change in Price Due to Prior Change Orders	$ 234,000 46	New change in Time Due to Prior Change Orders: 5 Days
3	Price Prior to this Change Order	$ 16,800,371 32	Time Prior to this Change Order 371 Days
4	Net Price Change this Change Order.	$ 82,013 25	Net Time Change this Change Order 0 Days
5	Price resulting from this Change Order	$ 16,882,384 57	Time resulting from this Change Order 371 Days

****

ITEM	DESC	SP	Bid Item Description	Unit	Est Quantity	Bid Price	Qty to Date	CO #16 QTY	CO #16 AMT
104	2015		REMOVING CONC (SIDEWALKS)	SY	1,097 30	$5 00	946 69	(150 61)	($753 05)
104	2017		REMOVING CONC (DRVWYS)	SY	1,189 20	$5 00	1,329 94	140 74	$703 70
105	2036		REMOVING STAB BASE & ASPH PAV (15"-20")	SY	59,394 50	$3 00	60,805 15	1,410 65	$4,231 95
105	2061		REMOVING STAB BASE & ASPH PAV (8"-20")	SY	1,742 30	$3 00	1,646 87	(95 43)	($286 29)
162	2002		BLOCK SODDING	SY	94,716 00	$2 50	78,650 00	(16,066 00)	($40,165 00)
164	2051		BROADCAST SEED (TEMP) (WARM OR COOL)	SY	67,658 00	$0 07	19,098 67	(48,559 33)	($3,399 15)
166	2001	001	FERTILIZER	AC	19 45	$405 00	19 41	(0 04)	($16 20)
168	2001		VEGETATIVE WATERING	MG	2,673 00	$11 00	1,296 10	(1,376 90)	($15,145 90)
192	2030		PLANT MATERIAL (3 GAL) (SHRUB)	EA	560 00	$25 00	564 00	4 00	$100 00

260	2006	001	LIME TRT (EXST MATL) (6")	SY	65,606 00	$2 00	63,971 53	(1,634 47)	($3,268 94)
260	2012	001	LIME (HYD, COM OR QK) (SLRY) OR QK (DRY)	TON	886 00	$200 00	902 11	16 11	$3,222 00
276	2224		CEM TRT (PLNT MX) (CL N) (TY E) (GR 4) (6")	SY	62,375 00	$7 00	65,201 48	2,826 48	$19,785 36
276	2240		CEM TRT (PLNT MX) (CL N) (TY E) (GR 4) (10")	SY	3,231 00	$10 00	0 00	(3,231 00)	($32,310 00)
292	2007		ASPHALT STAB BASE (GR2) (PG 64)	TON	4,895 00	$75 00	6,496 90	1,601 90	$120,142 50
340	2063		D-GR HMA (METH) TY-C SAC-A PG76-22	TON	541 00	$100 00	0 00	(541 00)	($54,100 00)
340	2119		D-GR HMA (METH) TY-D SAC-A PG70-22	TON	383 00	$100 00	767 15	384 15	$38,415 00
360	2002	003	CONC PVMT (CONT REINF - CRCP) (9")	SY	54,155 10	$52 50	52,227 32	(1,927 78)	($101,208 45)
400	2005		CEM STABIL BKFL	CY	11,133 70	$30 00	13,703 66	2,569 96	$77,098 80
400	2008		CUT & RESTORE PAV (ASPH)	SY	250 00	$60 00	340 71	90 71	$5,442 60
402	2001		TRENCH EXCAVATION PROTECTION	LF	15,556 00	$1 00	14,078 00	(1,478 00)	($1,478 00)
432	2001		RIPRAP (CONC) (4 IN)	CY	692 00	$300 00	583 21	(108 79)	($32,637 00)
432	2035		RIPRAP (CONC) (6 IN)	CY	42 00	$350 00	44 00	2 00	$700 00
432	2072		RIPRAP (CONC) (CL B) (RR8 & RR9)	CY	344 00	$325 00	350 60	6 60	$2,145 00
432	2086		RIPRAP (STONE COMMON) (GROUT) (12 IN)	CY	203 00	$150 00	211 93	8 93	$1,339 50
450	2025		RAIL (TY PR1)	LF	1,978 00	$100 00	1,993 22	15 22	$1,522 00
465	2010	001	INLET (COMPL) (TY AAD)	EA	10 00	$4,000 00	12 00	2 00	$8,000 00
465	2011	001	INLET (COMPL) (TY AD)	EA	20 00	$3,000 00	19 00	(1 00)	($3,000 00)
467	2211		SET (TY II) (24 IN) (RCP) (3 1) (C)	EA	2 00	$1,500 00	1 00	(1 00)	($1,500 00)
506	2002	012	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	445 00	$30 00	227 00	(218 00)	($6,540 00)
506	2009	012	ROCK FILTER DAMS (REMOVE)	LF	445 00	$4 25	227 00	(218 00)	($926 50)
506	2016	012	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	1,192 00	$17 00	449 11	(742 89)	($12,629 13)
506	2019	012	CONSTRUCTION EXITS (REMOVE)	SY	1,192 00	$4 50	449 11	(742 89)	($3,343 01)
506	2031	012	SANDBAGS FOR EROSION CONTROL	EA	345 00	$7 00	136 00	(209 00)	($1,463 00)
506	2034	012	TEMPORARY SEDIMENT CONTROL FENCE	LF	3,676 00	$1 45	2,419 00	(1,257 00)	($1,822 65)
512	2009	001	PORT CTB (FUR & INST) (LOW PROF) (TY 2)	LF	380 00	$44 73	400 00	20 00	$894 60
512	2026	001	PORT CTB (MOVE) (LOW PROF) (TY 1)	LF	4,020 00	$5 00	2,040 00	(1,980 00)	($9,900 00)
512	2027	001	PORT CTB (MOVE) (LOW PROF) (TY 2)	LF	260 00	$10 00	860 00	600 00	$6,000 00
512	2036	001	PORT CTB (STKPL) (LOW PROF) (TY 2)	LF	380 00	$8 00	400 00	20 00	$160 00
529	2006		CONC CURB (MONO) (TY II)	LF	35,763 00	$5 00	35,883 10	120 10	$600 50
529	2007		CONC CURB (DOWEL)	LF	342 00	$7 00	386 00	44 00	$308 00
530	2010		DRIVEWAYS (CONC)	SY	2,508 00	$50 00	3,035 91	527 91	$26,395 50
531	2012		CURB RAMPS (TY 9)	EA	29 00	$1,100 00	32 00	3 00	$3,300 00
531	2015		CONC SIDEWALK (4 IN)	SY	8,892 00	$30 00	9,891 00	999 00	$29,970 00
540	2012		MLT BEAM GD FEN TRANS (TL2)	EA	12 00	$700 00	8 00	(4 00)	($2,800 00)
542	2001		REMOVING METAL BEAM GUARD FENCE	LF	1,063 00	$2 50	1,095 00	32 00	$80 00
618	2034		CONDT (PVC) (SCHD 80) (2")	LF	545 00	$5 65	302 00	(243 00)	($1,372 95)
618	2035		CONDT (PVC) (SCHD 80) (2") (BORE)	LF	1,740 00	$8 86	1,750 00	10 00	$88 60
618	2038		CONDT (PVC) (SCHD 80) (3")	LF	225 00	$9 53	200 00	(25 00)	($238 25)
618	2041		CONDT (PVC) (SCHD 80) (4") (BORE)	LF	35 00	$34 47	85 00	50 00	$1,723 50
618	2052		CONDT (RM) (2")	LF	515 00	$13 09	505 00	(10 00)	($130 90)
618	2064		CONDT (PVC) (SCHD 80) (2") (CONC ENCSE)	LF	240 00	$18 15	200 00	(40 00)	($726 00)
621	2004		TRAY CABLE (4 CONDR) (12 AWG)	LF	1,995 00	$1 18	1,300 00	(695 00)	($820 10)
636	2001		ALUMINUM SIGNS (TY A)	SF	1,137 63	$18 00	1,165 63	28 00	$504 00
644	2001		INS SM RD SN SUP & AM TY 10BWG (1) SA (P)	EA	88 00	$440 00	90 00	2 00	$880 00
662	2004		WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	40,084 00	$0 25	0 00	(40,084 00)	($10,021 00)
662	2012		WK ZN PAV MRK NON-REMOV (W) 8" (SLD)	LF	1,909 00	$0 56	0 00	(1,909 00)	($1,069 04)
662	2016		WK ZN PAV MRK NON-REMOV (W) 24" (SLD)	LF	266 00	$2 30	160 00	(106 00)	($243 80)
662	2017		WK ZN PAV MRK NON-REMOV (W) (ARROW)	EA	18 00	$38 00	11 00	(7 00)	($266 00)
662	2027		WK ZN PAV MRK NON-REMOV (W) (WORD)	EA	18 00	$38 00	11 00	(7 00)	($266 00)
662	2032		WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	42,709 00	$0 23	514 00	(42,195 00)	($9,704 85)
662	2037		WK ZN PAV MRK NON-REMOV (Y) 12" (SLD)	LF	586 00	$1 23	0 00	(586 00)	($720 78)
662	2065		WK ZN PAV MRK NON-REMOV (W) 4" (DOT)	LF	915 00	$0 82	0 00	(915 00)	($750 30)
662	2067		WK ZN PAV MRK REMOV (W) 4" (SLD)	LF	25,387 00	$0 58	49,868 00	24,481 00	$14,198 98
662	2075		WK ZN PAV MRK REMOV (W) 8" (SLD)	LF	1,165 00	$1 10	5,444 00	4,279 00	$4,706 90
662	2079		WK ZN PAV MRK REMOV (W) 24" (SLD)	LF	590 00	$5 61	868 00	278 00	$1,559 58
662	2084		WK ZN PAV MRK REMOV (W) (ARROW)	EA	29 00	$166 00	33 00	4 00	$664 00

662	2094		WK ZN PAV MRK REMOV (W) (WORD)	EA	29 00	$172 00	36 00	7 00	$1,204 00
662	2099		WK ZN PAV MRK REMOV (Y) 4" (SLD)	LF	31,567 00	$0 53	73,459 00	41,892 00	$22,202 76
662	2104		WK ZN PAV MRK REMOV (Y) 12" (SLD)	LF	715 00	$3 87	630 00	(85 00)	($328 95)
666	2155		REFL PAV MRK TY II (W) 12" (SLD)	LF	364 00	$1 22	350 00	(14 00)	($17 08)
666	2183		REFL PAV MRK TY II (Y) 12" (SLD)	LF	5,351 00	$1 00	5,048 00	(303 00)	($303 00)
666	2193		PAVEMENT SEALER 12"	LF	5,715 00	$0 62	3,008 00	(2,707 00)	($1,678 34)
668	2106		PREFAB PAV MRK TY C (W) (ARROW)	EA	51 00	$125 00	54 00	3 00	$375 00
668	2116		PREFAB PAV MRK TY C (W) (WORD)	EA	39 00	$175 00	40 00	1 00	$175 00
672	2012	028	REFL PAV MRKR TY I - C	EA	232 00	$2 50	233 00	1 00	$2 50
672	2015	028	REFL PAV MRKR TY II - A - A	EA	370 00	$2 50	458 00	88 00	$220 00
684	2012		TRF SIG CBL (TY A) (12 AWG) (7 CONDR)	LF	7,230 00	$2 02	7,320 00	90 00	$181 80
685	2001		INSTALL RDSD FLASH BEACON ASSEMBLY	EA	5 00	$4,955 21	6 00	1 00	$4,955 21
687	2001		PED POLE ASSEMBLY	EA	3 00	$1,374 65	2 00	(1 00)	($1,374 65)
3061	2001		FAST TRK CONC (CNT RNF HY STL) (12 IN)	SY	21,069 00	$75 00	22,543 78	1,474 78	$110,608 50
5289	2019		ADJUST MANHOLE (SAN SEWER)	EA	13 00	$200 00	11 00	(2 00)	($400 00)
5457	2012		REMOVE AND RELOCATE METER AND VALVE	EA	13 00	$1,000 00	8 00	(5 00)	($5,000 00)
6473	2004	001	MULTIPOLYMER PAV MRK (W) (6") (SLD)	LF	1,821 00	$0 94	2,046 00	225 00	$211 50
6473	2005	001	MULTIPOLYMER PAV MRK (W) (6") (BRK)	LF	4,427 00	$0 80	4,580 00	153 00	$122 40
6473	2007	001	MULTIPOLYMER PAV MRK (W) (8") (SLD)	LF	5,853 00	$1 10	5,796 00	(57 00)	($62 70)
6473	2009	001	MULTIPOLYMER PAV MRK (W) (12") (SLD)	LF	4,975 00	$1 64	4,125 00	(850 00)	($1,394 00)
6473	2014	001	MULTIPOLYMER PAV MRK (Y) (6") (SLD)	LF	7,912 00	$0 64	9,835 00	1,923 00	$1,230 72
6473	2018	001	MULTIPOLYMER PAV MRK (Y) (12") (SLD)	LF	250 00	$3 35	510 00	260 00	$871 00
6473	2020	001	MULTIPOLYMER PAV MRK (BLK) (6") (BRK)	LF	4,427 00	$0 87	4,550 00	123 00	$107 01
6473	2021	001	MULTIPOLYMER PAV MRK (W) (24") (SLD)	LF	1,089 00	$3 00	904 00	(185 00)	($555 00)
9608	2000		FORCE ACCOUNT (POLICE OFFICERS)	EA	50,000 00	$1 00	52,962 80	2,962 80	$2,962 80
004	2011		LIQUIDATED DAMAGES	DAY		$1,600 00	28 00	28 00	($44,800 00)
004	2012		RIDE QUALITY PENALTIES	LS		$18,998 00	1 00	1 00	($18,998 00)
004	2013		IRRIGATION SYSTEM DAMAGES	LS		$8,365 56	1 00	1 00	($8,365 56)
			CHANGE ORDER #16 TOTAL AMOUNT						$82,013 25

AGREED BY CONTRACTOR: W.W. Webber, LLC

SIGNATURE: _____

TITLE: Area Manager

DATE: 5/23/11

DO NOT WRITE BELOW THIS LINE

****

APPROVED: _____ 6/21/11

Mark Henry
County Judge

Date

ATTEST: _____

Dwight Sullivan
County Clerk

CSJ:	3049-01-013	**WORK BEGIN DATE:**	11/17/08	**ESTIMATE NO.:**	23 Final
PROJECT:	PTF 2008 (402)	**TIME CHARGES BEGIN:**	11/17/08	**WORK COMPLETE:**	100 00%
HIGHWAY	FM 646	**BID DAYS:**	366		
		CO ADJ. DAYS	5		
		DAYS CHRG. TO DATE:	406		

LIQUIDATED DAMAGE DAYS 35

[redacted]

28 Days

DAILY BREAKDOWN

DATE	DAYS CHARGED	DAYS CREDITED	
10/01/10	1		
10/02/10		1	SATURDAY
10/03/10		1	SUNDAY
10/04/10	1		
10/05/10	1		
10/06/10	1		
10/07/10	1		
10/08/10	1		
10/09/10		1	SATURDAY
10/10/10		1	SUNDAY
10/11/10	1		
10/12/10	1		
10/13/10	1		
10/14/10	1		
10/15/10	1		
10/16/10		1	SATURDAY
10/17/10		1	SUNDAY
10/18/10	[redacted]		
10/19/10			
10/20/10			
10/21/10			
10/22/10			
10/23/10		1	SATURDAY
10/24/10		1	SUNDAY
10/25/10	[redacted]		
10/26/10			
10/27/10			
10/28/10			
10/29/10			
10/30/10			SATURDAY
10/31/10			SUNDAY

PERIOD SUMMARY

DAYS	DAYS CHARGED	DAYS CREDITED
26	18	8
SATURDAY		4
SUNDAY		4
HOLIDAY (LETTER)		
HOLIDAY TRAFFIC (LETTER)		

TIME SUSPENDED 06/01/2010
TIME REINSTATED 10/01/2010
TIME SUSPENDED 10/26/2010

[redacted]

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 2
Report run on Thursday Sep 30 2010 11:06·24AM
Input profile data file created Thursday Sep 30 2010 10.50 54AM

District 12
Area Office GALVESTON
County 85
CSJ 0000-00-000
Phone 000-000-0000

Highway FM646
Beg RM 0000+00.000
Beg Station 0263+50 0
Lane roadbed 1
Name

Input file c \jobs\webber fm 646\Webber,FM 646,fm 646,NB.L-1,Sta.263+50-348+0014.pro
FM 646 NB. L-1 STA. 263+50 - 348+00

Bump penalty fine -$250 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30($600) to 60($0)
Penalty assessed for average IRIs of 75($0) to 95(-$400)
Bonus paid in sections with bump.

Profile Length(Miles) 1.6005 Length(Station Units) 0084+50.6ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00 0248	0264+80 8	Dip	4	-.17	-$ 250
00.0261	0264+87 6	Bump	5	16	-$ 250
00.0346	0265+32 7	Dip	9	-.16	-$ 250
00.0415	0265+68 9	Dip	6	- 16	-$ 250
00.0477	0266+01 7	Dip	4.7	-.19	-$ 250
00 0490	0266+08 5	Dip	.1	-.15	-$ 250
00.0532	0266+31.1	Bump	1.0	.16	-$ 250
00.3606	0282+54.2	Bump	6	.16	-$ 250
00.3631	0282+67 0	Dip	2 6	- 17	-$ 250
00.4526	0287+39 8	Bump	4	15	-$ 250
00.5003	0289+91.8	Dip	6 5	-.23	-$ 250
00.5029	0290+05.4	Bump	1 4	17	-$ 250
00.5129	0290+57.9	Dip	.3	-.16	-$ 250
00.6182	0296+14.3	Dip	2 4	- 18	-$ 250
00.6209	0296+28.5	Bump	5	16	-$ 250
00 8014	0305+81.3	Dip	2.5	-.27	-$ 250
00.9910	0315+82.6	Dip	.5	-.16	-$ 250
01.0039	0316+50.5	Dip	1.4	-.17	-$ 250
01 3607	0335+34.4	Dip	.6	-.15	-$ 250
01 5836	0347+11.6	Bump	2 3	27	-$ 250
01 5898	0347+44.1	Dip	6 1	- 22	-$ 250
01.5926	0347+59.0	Bump	3 7	18	-$ 250

Bumps/dips detected 22 Bump Fines -$ 5500

***Notes: Bumps closer than 5 feet are not shown or counted.**
Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0 15 inches from the moving average of the profile.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00 1000	268+78 0	3.16	124 51	135.84	130.00	-$ Corrective Work	
00 1896	273+51.1	3.88	89.58	87.55	89.00	-$280*(0 0896/0 10)	-$ 251
						Pay Adjustment Subtotal	-$ 251

00.1896-00.2267 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00 3000	279+34 0	3.78	94 15	93.09	94 00	-$380*(0.0733/0 10)	-$ 278
00 3965	284+43 5	3 88	86 06	90 64	88 00	-$260*(0.0965/0 10)	-$ 251
						Pay Adjustment Subtotal	-$ 529

00.3965-00.4458 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.5000	289+90.0	3.49	96.54	122.85	110.00	-$ Corrective Work	
00.6000	295+18.0	3 77	94.06	94 41	94.00	-$380*(0.1000/0.10)	-$ 380
00 6233	296+41 0	3 98	78.56	88 15	83.00	-$160*(0.0233/0 10)	-$ 37
						Pay Adjustment Subtotal	-$ 417

00.6233-00.7887 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.8000	305+74 0	4.61	54.62	57.63	56.00	$ 80*(0.0113/0.10)	$ 9

Pay Adjustment Subtotal $ 9

00.8838-00.9279 miles *** Leave Out

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01 0000	316+30 0	4 00	85.29	79.60	82 00	-$140*(0 0721/0 10)	-$	101
01 1000	321+58 0	4.08	81.98	74.98	78 00	-$ 60*(0.1000/0 10)	-$	60
01.1223	322+75.7	4 25	74.30	67.23	71.00	$ 0*(0.0223/0.10)	$	0
						Pay Adjustment Subtotal	-$	161

01.1223-01.1786 miles *** Leave Out

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01.2000	326+86.0	4.78	53.00	39.96	46.00	$280*(0.0214/0.10)	$	60
01 3000	332+14.0	4 21	74 44	70.94	73 00	$ 0*(0.1000/0.10)	$	0
01.4000	337+42 0	4 12	78 53	74.66	77 00	-$ 40*(0 1000/0 10)	-$	40
01 4322	339+12 0	4.07	77.84	80 72	79.00	-$ 80*(0 0322/0 10)	-$	26
						Pay Adjustment Subtotal	-$	6

01.4322-01.5670 miles *** Leave Out

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01 6000	347+98 0	2.58	193 13	150 81	172.00	-$ Corrective Work		
						Pay Adjustment Subtotal	$	0

Ave Left IRI 90 Ave Right IRI 89 Ave IRI 89.5

Total IRI adjustments -$ 1355

Total Bump adjustments -$ 5500

Total adjustments -$ 6855

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 2
Report run on Thursday Sep 30 2010 12.24:05PM
Input profile data file created Thursday Sep 30 2010 12:22·36PM

District 12
Area Office GALVESTON
County 85
CSJ 0000-00-000
Phone 000-000-0000

Highway FM646
Beg RM 0000+00.000
Beg Station 0263+50.0
Lane roadbed 2
Name

Input file c·\jobs\webber fm 646\webber,FM646,NB.L-2,Sta.263+50-348+00,20.pro
FM 646 NB. L-2 STA. 263+50-348+00

Bump penalty fine -$250 each one
Bumps tagged if greater or equal to 0 1505 inches.
Bonus paid for average IRIs of 30($600) to 60($0)
Penalty assessed for average IRIs of 75($0) to 95(-$400)
Bonus paid in sections with bump.

Profile Length(Miles) 1 6005 Length(Station Units) 0084+50.6ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00 0328	0265+23 3	Bump	3.6	.24	-$ 250
00.0539	0266+34 5	Dip	3.6	-.21	-$ 250
00 2806	0278+31.5	Dip	.5	-.16	-$ 250
00 5056	0290+19 5	Dip	5 4	- 20	-$ 250
00 5138	0290+63 0	Bump	.3	.15	-$ 250
00.5185	0290+87.7	Dip	.7	- 16	-$ 250
00 6231	0296+40.2	Dip	6 3	- 23	-$ 250
00 6252	0296+51.2	Bump	4 0	20	-$ 250
00.8058	0306+04.8	Dip	2 2	-.27	-$ 250
01 1793	0325+76.7	Dip	2.1	-.16	-$ 250
01.5622	0345+98.5	Bump	5.2	.30	-$ 250
01.5683	0346+30.6	Dip	1	- 15	-$ 250
01.5820	0347+02 9	Dip	3	- 16	-$ 250
01.5859	0347+23.5	Bump	1 3	.19	-$ 250
01.5948	0347+70.5	Bump	8 5	.35	-$ 250

Bumps/dips detected 15 Bump Fines -$ 3750

***Notes: Bumps closer than 5 feet are not shown or counted.**
Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	268+78 0	3 42	117.43	110 00	114.00	-$ Corrective Work	
00.1946	273+77 5	4 03	87 58	74 36	81.00	-$120*(0.0946/0.10)	-$ 113
						Pay Adjustment Subtotal	-$ 113

00.1946-00 2303 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.3000	279+34.0	3 89	102 18	73 72	88.00	-$260*(0.0697/0.10)	-$ 181
00 4000	284+62 0	4 07	83 64	74 77	79 00	-$ 80*(0.1000/0.10)	-$ 80
						Pay Adjustment Subtotal	-$ 261

00.4022-00 4569 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00 5000	289+90.0	3 54	114 95	98.80	107.00	-$ Corrective Work	
00 6000	295+18.0	3 86	94 99	84.14	90 00	-$300*(0.1000/0.10)	-$ 300
00 6348	297+01 7	4 14	76 71	75.20	76.00	-$ 20*(0.0348/0 10)	-$ 7
						Pay Adjustment Subtotal	-$ 307

00.6348-00 7805 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00 8000	305+74.0	4.74	50 01	49 59	50.00	$200*(0.0195/0.10)	$ 39
00.8931	310+65.6	4.26	73.72	66.97	70 00	$ 0*(0.0931/0.10)	$ 0
						Pay Adjustment Subtotal	$ 39

00.8931-00.9275 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.9776	315+11 7	4.08	88.09	69 30	79 00	-$ 80*(0.0501/0 10)	-$ 40
						Pay Adjustment Subtotal	-$ 40

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01.1000	321+58.0	4.36	71.73	60.97	66.00	$ 0*(0.0890/0.10)	$	0
01.1344	323+39.6	4.40	69.43	59.38	64.00	$ 0*(0.0344/0.10)	$	0
						Pay Adjustment Subtotal	$	0

01.1344-01.1791 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01.2000	326+86.0	4.31	79.59	56.86	68.00	$ 0*(0.0209/0.10)	$	0
01.2327	328+58.7	4.87	46.06	33 34	40.00	$400*(0.0327/0.10)	$	131
						Pay Adjustment Subtotal	$	131

01.2327-01.2632 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01 3000	332+14.0	4.26	73 44	67 23	70 00	$ 0*(0.0368/0.10)	$	0
01.4000	337+42.0	3.96	86 37	82 65	85.00	-$200*(0.1000/0.10)	-$	200
01 4300	339+00 4	4 01	79 00	85.16	82 00	-$140*(0 0300/0 10)	-$	42
						Pay Adjustment Subtotal	-$	242

01.4300-01.5605 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01.6000	347+98 0	2.18	202 68	206 79	205.00	-$ Corrective Work		
						Pay Adjustment Subtotal	$	0

Ave Left IRI 90.6 Ave Right IRI 80.7 Ave IRI 85.65

Total IRI adjustments -$ 793

Total Bump adjustments -$ 3750

Total adjustments -$ 4543

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 2
Report run on Thursday Sep 30 2010 10:28:55AM
Input profile data file created Tuesday Sep 28 2010 9:21 06AM

District 12
Area Office GALVESTON
County 85
CSJ 0000-00-000
Phone 000-000-0000

Highway FM646
Beg RM 0000+00.000
Beg Station 0348+00.0
Lane roadbed 1
Name

Input file c:\jobs\Webber,FM646\SB.L-1,Sta.348+00-263+50,11.pro
FM 646 SB. L-1 STA. 348+00-263+50

Bump penalty fine -$250 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30($600) to 60($0)
Penalty assessed for average IRIs of 75($0) to 95(-$400)
Bonus paid in sections with bump.

Profile Length(Miles) 1.6005 Length(Station Units) 0084+50.6ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.0037	0347+80.6	Bump	1 9	17	-$ 250
00.0068	0347+63.9	Dip	2	- 15	-$ 250
00.0086	0347+54 6	Bump	3 4	41	-$ 250
00 0131	0347+30 8	Bump	7	.15	-$ 250
00 0183	0347+03 2	Dip	3	-.15	-$ 250
00 0244	0346+71 2	Bump	9 4	55	-$ 250
00 0269	0346+58 1	Dip	.7	-.16	-$ 250
00 0383	0345+98 0	Bump	4 2	23	-$ 250
00.0402	0345+87.9	Dip	9 0	- 34	-$ 250
00.0428	0345+73 8	Dip	.4	-.16	-$ 250
00.0451	0345+61.9	Bump	7 5	27	-$ 250
00.0534	0345+17 9	Bump	1 1	16	-$ 250
00.1894	0338+00.0	Bump	.1	15	-$ 250
00.4278	0325+41.4	Bump	.1	15	-$ 250
00 5153	0320+79.0	Bump	3.6	.18	-$ 250
00 5919	0316+74.9	Bump	1 3	.16	-$ 250
00 8330	0304+01.9	Dip	3 4	- 31	-$ 250
00.8408	0303+60.7	Bump	1 6	.21	-$ 250
00 8428	0303+49.8	Dip	2 5	- 18	-$ 250
00 8459	0303+33.4	Dip	5.4	- 24	-$ 250
01 5921	0263+93 7	Dip	2.8	-.18	-$ 250
01.5954	0263+76 2	Bump	9 9	.27	-$ 250
01 5973	0263+66.0	Bump	3	.18	-$ 250
Bumps/dips detected 23				Bump Fines	-$ 5750

***Notes: Bumps closer than 5 feet are not shown or counted.**
Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00 0542	345+13.8	1 45	274 91	276 78	276.00	-$ Corrective Work	
						Pay Adjustment Subtotal	$ 0

00 0542-00 1867 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00 2000	337+44.0	3 86	96 50	82.59	90 00	-$300*(0.0133/0.10)	-$ 40
00.3000	332+16.0	4.61	55.24	57.36	56.00	$ 80*(0.1000/0.10)	$ 80
00.4000	326+88.0	4.35	68.35	65.16	67 00	$ 0*(0.1000/0.10)	$ 0
00.4396	324+78.9	4 13	76 98	75 77	76.00	-$ 20*(0.0396/0.10)	-$ 8
						Pay Adjustment Subtotal	$ 32

00.4396-00.4894 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.5000	321+60 0	4 77	55.22	39.34	47.00	$260*(0.0106/0.10)	$ 28
00.6000	316+32.0	4 28	74.31	64.80	70.00	$ 0*(0.1000/0.10)	$ 0
00.6940	311+35.7	4 41	69.72	58 22	64.00	$ 0*(0 0940/0.10)	$ 0
						Pay Adjustment Subtotal	$ 28

00.6940-00.7346 miles * Leave Out**

00.8000	305+76.0	4.65	60 03	49.50	55.00	$100*(0.0654/0.10)	$	65
00 8471	303+27 3	4.15	76.32	74.63	75.00	$ 0*(0.0471/0.10)	$	0
						Pay Adjustment Subtotal	$	65

00.8471-00.9952 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01.0000	295+20.0	4.63	76.26	34.60	55.00	$100*(0.0048/0.10)	$	5
01.1000	289+92.0	4.75	52.47	44.64	49.00	$220*(0.1000/0.10)	$	220
01.1982	284+73.5	4.72	56.53	46.08	51.00	$180*(0.0982/0.10)	$	177
						Pay Adjustment Subtotal	$	401

01.1982-01.2169 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01 3000	279+36.0	4.54	68 08	49.59	59.00	$ 20*(0.0831/0.10)	$	17
01.4000	274+08.0	4 50	67 44	53.15	60.00	$ 0*(0.1000/0.10)	$	0
						Pay Adjustment Subtotal	$	17

01.4027-01.4364 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01.5000	268+80.0	4.49	59.31	62.33	61.00	$ 0*(0.0636/0.10)	$	0
01.6000	263+52 0	4.30	79.95	57.02	68.00	$ 0*(0.1000/0.10)	$	0
						Pay Adjustment Subtotal	$	0

Ave Left IRI 75.8 Ave Right IRI 67.1 Ave IRI 71.45

Total IRI adjustments $ 543

Total Bump adjustments -$ 5750

Total adjustments -$ 5207

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 2
Report run on Thursday Sep 30 2010 11:14:48AM
Input profile data file created Thursday Sep 30 2010 11:02:32AM

District 12
Area Office GALVESTON
County 85
CSJ 0000-00-000
Phone 000-000-0000
Highway SH646
Beg RM 0000+00.000
Beg Station 0348+00.0
Lane roadbed 2
Name
Input file c \jobs\webber fm 646\Webber,FM646,SB L-2,Sta.348+00-263+50,21.pro
FM 646 SB. L-2, STA 348+00 - 263+50

Bump penalty fine -$250 each one.
Bumps tagged if greater or equal to 0.1505 inches
Bonus paid for average IRIs of 30($600) to 60($0)
Penalty assessed for average IRIs of 75($0) to 95(-$400)
Bonus paid in sections with bump.

Profile Length(Miles) 1.6005 Length(Station Units) 0084+50.6ft

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.0070	0347+63 1	Dip	2	- 15	-$ 250
00 0091	0347+52.1	Bump	3 9	33	-$ 250
00 0122	0347+35 7	Bump	3	15	-$ 250
00 0136	0347+28 3	Bump	3	16	-$ 250
00.0189	0347+00.2	Dip	4	-.16	-$ 250
00.0248	0346+69 2	Bump	9 5	58	-$ 250
00.0389	0345+94.5	Bump	4 8	22	-$ 250
00.0399	0345+89 5	Bump	5	16	-$ 250
00.0458	0345+58 0	Bump	6 3	.23	-$ 250
00 5158	0320+76 6	Bump	3 4	.18	-$ 250
00.5921	0316+73 9	Bump	2 4	17	-$ 250
01 5959	0263+73 5	Bump	9.8	28	-$ 250
Bumps/dips detected 12				Bump Fines	-$ 3000

***Notes. Bumps closer than 5 feet are not shown or counted**
Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00 0542	345+13.8	1.52	262.58	273.79	268 00	-$ Corrective Work	
						Pay Adjustment Subtotal	$ 0

00.0542-00 1939 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.2000	337+44.0	4.65	46.84	62 69	55.00	$100*(0.0061/0.10)	$ 6
00.3000	332+16.0	4.65	52 99	56.68	55.00	$100*(0.1000/0.10)	$ 100
00.4000	326+88.0	4.34	65.73	68.54	67.00	$ 0*(0.1000/0.10)	$ 0
00.4461	324+44 6	4 04	80.74	80.36	81.00	-$120*(0.0461/0 10)	-$ 55
						Pay Adjustment Subtotal	$ 51

00.4461-00.4859 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.5000	321+60.0	4.53	64.36	54 12	59.00	$ 20*(0.0141/0.10)	$ 3
00.6000	316+32.0	4.30	70.93	66.73	69 00	$ 0*(0.1000/0.10)	$ 0
00.7000	311+04.0	4.44	68.35	57.67	63.00	$ 0*(0 1000/0.10)	$ 0
						Pay Adjustment Subtotal	$ 3

00.7007-00.7698 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.8000	305+76.0	4.60	67.74	45.19	56.00	$ 80*(0.0302/0.10)	$ 24
00.8295	304+20.2	4.95	39 54	30.45	35.00	$500*(0.0295/0.10)	$ 148
						Pay Adjustment Subtotal	$ 172

00.8295-01.0038 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
01.1000	289+92.0	4.73	54.95	45.36	50.00	$200*(0.0962/0.10)	$ 192
01.1938	284+96 7	4.72	55.45	46.26	51.00	$180*(0.0938/0.10)	$ 169
						Pay Adjustment Subtotal	$ 361

01.1938-01.2195 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01.3000	279+36.0	4.50	69.96	50.73	60.00	$ 0*(0.0805/0.10)	$	0
01.4000	274+08.0	4 53	64.04	54.62	59.00	$ 20*(0.1000/0.10)	$	20
01.4090	273+60.5	4.48	64.55	57.99	61.00	$ 0*(0.0090/0.10)	$	0
						Pay Adjustment Subtotal	$	20

01.4090-01.4322 miles * Leave Out**

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen		Pay
01.5000	268+80 0	4.51	59.28	60.53	60.00	$ 0*(0.0678/0.10)	$	0
01.6000	263+52.0	4.36	75.61	56.25	66.00	$ 0*(0.1000/0.10)	$	0
						Pay Adjustment Subtotal	$	0

Ave Left IRI 73.5 Ave Right IRI 66.9 Ave IRI 70.2

Total IRI adjustments $ 607

Total Bump adjustments -$ 3000

Total adjustments -$ 2393

Lol, Inc.
17225 Groeschke Road
Houston, Texas 77084
281/646-9850

Invoice

Date	Invoice #
2/19/2010	15681

PAID

Bill To	Job Location
Crest Management BCCIA 17171 Park Row, Suite 310 Houston TX 77084	Bay Colony

We appreciate your business!

Terms	Due Date
Net 15	3/6/2010

Qty	Description	Rate	Amount
	Time and materials - irrigation repairs per proposal dated 2-4-10	575 00	575 00T
	Thank you for your business	**Subtotal**	$575 00
		Sales Tax (8.25%)	$47 44
		Total	$622 44
		Payment/Credit	$-622 44
		Balance Due	$0 00

If you have any questions in regards to this invoice, please call 281-646-9850
Invoices over thirty (30) days old will be assessed a "past due charge" of 1.5%

LANDSCAPE
Images of Texas

17225 Groeschke Road Houston TX 77084
Phone 281 646 9850
FAX 281 646-9851
www.landscapeimages.com

Irrigation Report/Proposal

Submit to.	Crest Mgmt	Phone	281-579-0761 Date 02/04/10
Attn	Heather Monteverde heather@crest-management com	Fax	281-579-7062
From	Landscape Images of Texas	Job Loc'	Bay Colony
	Bart Mitchell		BCCIA

If you have any questions, please call

Irrigation is in good working order at this time [ ]

Irrigation is in need of repair. [X]

	Repairs needed to zone:
	Controller at Morning Pond
1	1 rotor leaking $40
2-4	OK
5	n/a
6	OK
	Entrance at North Pointe Ln
	The 1" backflow preventer is broken by the inlet valve due to freeze $175
	Controller at Pool
1-18	OK
	Controller at FM 646 and Cross Colony West
1,2	n/a
3-6	OK
7	lateral line broken due to being run over $120
	Battery controller at Bending Brook Ct and Bending Brook Ln
1,2	OK
	Controller on Lake at Cross Colony and Shore Landing Ln
2	n/a
3,4	OK
5-8	n/a
9-11	OK
	The 2" backflow preventer is broken by the inlet valve due to freeze $240
	Total before tax $ 575.00

4-20-10
Due to construction
per Dinardo.

Acceptance of this proposal:
The above prices, specifications and conditions are satisfactory and are hereby accepted
You are authorized to do the work as specified Payment will be made as outlined
Date of Acceptance _____
Signature _____
Note This proposal may be withdrawn by us if not accepted in forty-five (45) days

Lol. Inc.
17225 Groeschke Road
Houston, Texas 77084
281/646-9850

Invoice

Date	Invoice #
3/11/2010	15839

PAID

Bill To	Job Location
Crest Management BCCIA 17171 Park Row, Suite 310 Houston TX 77084	Bay Colony

We appreciate your business!

Terms	Due Date
Net 15	3/26/2010

Qty	Description	Rate	Amount
	Time and materials - reconnected irrigation on Bay Creek & FM 646 - added main line to meter, attached 2" back flow preventer, added additional main line, repiared 2" main line on Big Sky - 100 yards west of FM 646	3,400 00	3,400 00T
	Thank you for your business	**Subtotal**	$3,400 00
		Sales Tax (8.25%)	$280 50
		Total	$3 680 50
		Payment/Credit	$-3,680 50
		Balance Due	$0 00

If you have any questions in regards to this invoice, please call 281-646-9850
Invoices over thirty (30) days old will be assessed a "past due charge" of 1 5%

LANDSCAPE
Images of Texas

17225 Groeschke Road Houston TX 77084
Phone 281 646 [illegible]
FAX 281 616 [illegible]
www.landscapeimages.com

Irrigation Report/Proposal

Submit to	Crest Mgmt	Phone	281-579-0761	Date	12/23/09
Attn	Heather Monteverde	Fax	281-579-7062		
From	Landscape Images of Texas	Job Loc	Bay Colony - BCCIA		
	heather@crest-management com				

If you have any questions, please call

Irrigation is in good working order at this time	
Irrigation is in need of repair	X

Repairs needed due to damage caused by construction:

Bay Creek & FM 646					
	To reconnect the irrigation on Bay Creek & FM 646 - to include adding mainline to meter, attaching a 2" back flow prevention device (PVB), adding additional main line, FINDING the breakage of pipe to tie into after the street construction, adding additional main line, misc repairs after water is turned on City permits & inspections Price is an estimate only and will depend on the total damage caused by the street construction				
			Total before tax	$	$ 3,400.00

Acceptance of this proposal:

The above prices, specifications and conditions are satisfactory and are hereby accepted
You are authorized to do the work as specified. Payment will be made as outlined
Date of Acceptance _____
Signature _____
Note This proposal may be withdrawn by us if not accepted in forty-five (45) days

4-20-10
Due to construction
[illegible]

Carol Young

From: Carol Young [CarolY@landscapeimages com]
Sent: Monday, March 15, 2010 10 31 AM
To: 'heather@crest-management com'
Cc: 'Bart Mitchell', 'Tommy Walls'
Subject. Bay Colony - Proposal for Irrigation
Attachments: doc20100315111706 pdf

Dear Heather:

Please find attached a proposal to add irrigation to FM 646 & Bay Creek.

Regards,

Carol Young
Landscape Images of Texas
Ph: 281-646-9850

Approved on 3-17-10

w/o 6062 dated 3-17-10

Work in progress - will invoice [illegible] Complete

$ [illegible] + tax ($[illegible]) = $2,334 95 [illegible]

LANDSCAPE
Images of Texas

17225 Groeschke Road Houston TX 77031
Phone 281 646-9350
FAX 281 646 9851
www.landscapeimages.com

Proposal

Submit to	Crest Management	From	Bart Mitchell
Attn	Heather Monteverde	Office	281-646-9850
Phone		Date	March 12, 2010
Fax	heather@crest-management com	Property:	Bay Colony

Project Description	Size	Quantity	Unit Price	Amount
FM 646 & Bay Creek - West End - Irrigation				
Add (1) 2-station battery controller				300.00
Add Irrigation Valves	2"	2	80.00	160.00
(2) Valve Boxes	10"	2	20.00	40 00
Lateral Lines - PVC Pipe	1/2" - 1 1/2"	160'	160 00	160.00
Miscellaneous Fittings		50	2.00	100.00
Install Turf Rotors	8"	8	25.00	200.00
Install Bed Spray Heads		10	6.00	60.00
Swing Joints		18	4.00	72 00
Rain Sensor		1	40.00	40.00
Labor				1000.00
Permit Fee				25 00
	Total before tax		$	2,157.00

Acceptance of this proposal:
The prices, specifications and conditions are satisfactory and are hereby accepted
You are authorized to do the work as specified Payment will be made as outlined
Date of Acceptance _____
Signature _____
Note. This proposal may be withdrawn by us if not accepted in forty-five (45) days

11-20-10: Due to Construction per Ricardo.

TERMS AND CONDITIONS

- **General Description** By this Agreement ("the Agreement"), On the terms and conditions set forth herein Client hereby retains Landscape Images of Texas ("Contractor") and the Contractor agrees to be retained to provide the specific Services ("Services") detailed in the quote to this Agreement on the identified Premises for the stated total cash price ("the Price") and according to the specifications and other provisions of the Agreement documents including (a) this contract form, (b) an Addendum if and to the extent applicable, (c) and any sketches materials lists and/or specification sheets

- **FEES** The Fees owed by the Client to Contractor are for the Services plus applicable taxes In addition to the Contract Price specified herein Client shall pay to Contractor the amount of any sales tax or other tax imposed on the materials or services provided by Contractor in performance of the obligations under this Agreement by any taxing authority

  - Payment on the Price by Client to Contractor is due in increments as follows 1/2 upon signing of this Agreement
  - 1/2 at completion

If any payment is not paid when due, the unpaid amount shall bear interest at 1 1/2% per month from the due date until paid in full. Failure to pay within 5 (five) days of the due date may at the discretion of the Contractor lead to a lien being filed against the property of the Client. In the event any or the entire amount due upon this Agreement is collected by or through an attorney, Client agrees to pay all attorney fees, court costs and filing fees

- **MATERIALS:** Contractor will furnish materials as necessary to perform the Services as described herein

- **CLIENT'S DUTY TO INSPECT.** Client has a duty to inspect the Property described herein within three (3) days after the Services described in this Agreement If Client is dissatisfied with any of the work performed notice of such dissatisfaction shall be given to Contractor within three (3) days from the completion of the Services Contractor shall have fifteen (15) days to repair or correct such work at no additional cost to Client Client's failure to properly notify Contractor of dissatisfaction of any Services called for under this Agreement shall constitute a waiver of any claim Client may have in regard to the Services rendered **Client's right to repair and replacement are the exclusive remedies and Contractor shall not be liable for damages, whether ordinary, incidental or consequential other than as expressly set forth herein**

- **INDEMNIFICATION:** Prior to commencement of work, Client or Clients' agent shall identify and locate with sufficient markers all possible hazards, utilities objects structures or improvements on or under the surface of the Property Client hereby agrees to indemnify and hold harmless Contractor from any and all damages claims cost expenses causes of action and demands arising out of incidents whether personal or mechanical caused by the existence of any hazard objects structures improvements, utilities or any other items

- **TERMINATION:** This Agreement may be terminated by either Party with or without cause providing they deliver the termination in writing to the other Party Client will compensate (including profits) Contractor for all work completed prior to the notification being received by Contractor Client will also be responsible for a demobilization fee of 10% of the Contract Price for any early termination without cause The Contractor may terminate this Agreement and seek recovery in the event of failure on the part of the Client to make a timely payment In the event of termination, all fees or charges payable under this Agreement shall become due and payable immediately and without notice or demand by the Contractor and all obligations of the Contractor under this Agreement shall immediately end

- **FORCE MAJEURE:** Neither party will be deemed in default of this Agreement to the extent that performance of its obligations or attempts to cure any breach are delayed or prevented by reason of circumstance beyond its reasonable control including without limitation fire natural disaster, earthquake accident or other acts of God ("Force Majeure"), provided that the party seeking to delay its performance gives the other written notice of any such Force Majeure within 15 days after the discovery of the Force Majeure and further provided that such party uses its good faith efforts to cure the Force Majeure This Article shall not be applicable to any payment obligations of either party

- **DISPUTES:** Any dispute controversy or claim arising out of or related to this Agreement, or the creation, validity interpretation breach, or termination of this Agreement will be referred to mediation before and as a condition precedent to, the initiation of any adjudicative action or proceeding including arbitration but excluding the filing of lien which may take place at any time during this agreement for failure to pay by the Client The parties will try in good faith to settle the dispute through mediation conducted by a mediator to be mutually selected The parties will share the costs of the mediator equally and the mediation will be held in Houston Texas Either party may demand mediation in writing, serving on the other party a statement of the dispute controversy or claim, and the facts relating to it, in reasonable detail If the dispute is not resolved within 30 days after it is referred to the mediator, either party may take the matter to court

- **GOVERNING LAW:** This agreement will be governed by and construed in accordance with the laws of the state of Texas

- **COUNTERPARTS:** The parties may sign several identical counterparts of this agreement Any fully signed counterpart shall be treated as an original

- **ENTIRE AGREEMENT:** This Agreement sets forth the entire agreement of the parties hereto and all prior discussions and agreements are merged herein

- **MODIFICATION:** This Agreement may be amended or modified only by a written agreement subscribed to by both of the parties hereto

- **WAIVER:** If one party waives any term or provision of this agreement at any time, that waiver will only be effective for the specific instance and specific purpose for which the waiver was given If either party fails to exercise or delays exercising any of its rights or remedies under this agreement that party retains the right to enforce that term or provision at a later time

- **SEVERABILITY.** If any court determines that any provision of this agreement is invalid or unenforceable any invalidity or unenforceability will affect only that provision and will not make any other provision of this agreement invalid or unenforceable and such provision shall be modified amended, or limited only to the extent necessary to render it valid and enforceable

Signatures/Initials

Lol, Inc
17225 Groeschke Road
Houston, Texas 77084
281/646-9850

Invoice

Date	Invoice #
12/8/2009	15231

Bill To
Crest Management BCCIA 17171 Park Row, Suite 310 Houston TX 77084

Job Location
Bay Colony

We appreciate your business!

Terms	Due Date
Net 15	12/23/2009

Qty	Description	Rate	Amount
	Time and materials - irrigation repairs per proposal dated 11-24-09	740 00	740 00T
	Thank you for your business	**Subtotal**	$740 00
		Sales Tax (8.25%)	$61 05
		Total	$801 05
		Payment/Credit	$-75 64
		Balance Due	$725 41

If you have any questions in regards to this invoice, please call 281-646-9850
Invoices over thirty (30) days old will be assessed a "past due charge" of 1 5%

LANDSCAPE
Images of Texas

17225 Groeschke Road Houston TX 77084
Phone 281-646-9850
FAX. 281-646-9851
www.landscapeimages.com

RECEIVED
NOV 30 2009

Irrigation Report/Proposal

Submit to	Crest Mgmt	Phone:	281-579-0761	Date	11/24/09
Attn	Heather Monteverde	Fax:	281-579-7062		
From:	Landscape Images of Texas	Job Loc:	Bay Colony		
			BCCIA		

If you have any questions, please call

Irrigation is in good working order at this time. [ ]

Irrigation is in need of repair [X]

	Repairs needed to zone:		
	Battery Controller @ Cross Colony		
	and FM 646		
	The 1 5" valve box and the valve box is broken due to being run over		
	140 feet of pipe and 10 12" heads need to be replaced on esplanade at Cross Colony		
	Drive and FM 646 (east side) due to construction of new road		
	4 hours labor $360		
	Material $380		
	Total before tax	$	**740.00**

Acceptance of this proposal:
The above prices, specifications and conditions are satisfactory and are hereby accepted.
You are authorized to do the work as specified. Payment will be made as outlined
Date of Acceptance: 11/30/09
Signature: Per Weston from Tyler
Note: This proposal may be withdrawn by us if not accepted in forty-five (45) days.

Lol, Inc
17225 Groeschke Road
Houston, Texas 77084
281/646-9850

Invoice

Date	Invoice #
7/2/2009	14219

Bill To
Crest Management BCCIA 17171 Park Row, Suite 310 Houston TX 77084

Job Location
Bay Colony

We appreciate your business!

Terms	Due Date
Net 15	7/17/2009

Qty	Description	Rate	Amount
	Time and materials to install 40 ft, 4 inch PVC Sleeve at Bay Creek Drive and FM 646 due to construction	368 00	368 00T
	Time and materials to replace 2 station irrigation controller on Bending Brook Ct	315 00	315 00T
	Thank you for your business	**Subtotal**	$683 00
		Sales Tax (8.25%)	$56 35
		Total	$739 35
		Payment/Credit	$0 00
		Balance Due	$739.35

If you have any questions in regards to this invoice, please call 281-646-9850
Invoices over thirty (30) days old will be assessed a "past due charge" of 1 5%

Bart Mitchell

From: Heather Monteverde [heather@crest-management com]
Sent: Wednesday, July 01, 2009 9 04 AM
To: 'Bart Mitchell'
Subject: RE Bay Colony - Irrigation

Please make the necessary repairs.

The electric meter is being inspected to be turned back on hopefully in the next week

can you please check on the electrical box at the entrance to The Lakes in Bay Colony and see why it is pulled out?

thanks
Sincerely,
Heather Monteverde
Crest Management Company
17171 Park Row Suite 310
Houston, Texas 77084
281-579-0761 ext 634
281-579-7062 fax
www crest-management com

From: Bart Mitchell [mailto:bartm@landscapeimages.com]
Sent: Tuesday, June 30, 2009 4 15 PM
To: heather@crest-management.com
Subject: Bay Colony - Irrigation

Heather, Developments on irrigation repairs

1) We need to install a 40 foot, 4 inch PVC sleeve on the North set back of Bay Creek West of FM 646 This is due to the construction concrete Drive way that is going to be put in and we need to run our Irrigation main line thru

Completed 7/1/09.

Parts and Labor = $ 368 00 plus tax = $398.36

2) On Bending Brook Ct The battery operated irrigation controller is not functioning and needs to be replaced w/ a

Rain Bird 2 station battery operated controller (T-Bos)

Comp Tod 7/3/09

Parts & labor =$ 315 00 plus tax = $340 99

3) Colony Ridge and Crossport Lane – The electric meter to the irrigation controller, does not have power

Lol, Inc
17225 Groeschke Road
Houston, Texas 77084
281/646-9850

Invoice

Date	Invoice #
7/3/2009	14224

Bill To	Job Location
Crest Management BCCIA 17171 Park Row, Suite 310 Houston TX 77084	Bay Colony

We appreciate your business!

Terms	Due Date
Net 15	7/18/2009

Qty	Description	Rate	Amount
	Irrigation repairs per proposal dated May 27, 2009, work completed June 27-30, 2009 Cross Colony and FM 646, Bending Brook Ct, Morning Pond Ln	1,225 00	1,225 00T
	Irrigation repairs per proposal dated May 27, 2009, work completed June 27-30, 2009 - (Waiting on League City to move water meter -$300 from proposal) FM 646 and Bay Creek Dr west, FM 646 and Bay Creek Dr east, FM 646 and Diamond Bay East	800 00	800 00T
	Thank you for your business	**Subtotal**	$2,025 00
		Sales Tax (8.25%)	$167.06
		Total	$2,192 06
		Payment/Credit	$0 00
		Balance Due	$2,192 06

If you have any questions in regards to this invoice, please call 281-646-9850
Invoices over thirty (30) days old will be assessed a "past due charge" of 1 5%

LANDSCAPE
Images of Texas

17225 Groeschke Road Houston, TX 77084
Phone 281-646-9850
FAX: 281-646-9851
www.landscapeimages.com

Irrigation Report/Proposal

Submit to	Crest Mgmt	Phone	281-579-0761	Date:	05/27/09
Attn	Heather Monteverde	Fax	281-579-7062		
From	Landscape Images of Texas	Job Loc:	Bay Colony		1

If you have any questions, please call

Irrigation is in good working order at this time. [ ]

Irrigation is in need of repair [X]

	Repairs needed to zone:
	Cross Colony and FM 646 Westside
	The main line is broken 60 ft off the stop sign at the exit side.
	The lateral lines are broken on the mediam at the color bed = 100ft.
	The main line is broken on the west side of the median at the valve due to construction
	Bending Brook Ct.
1	1 broken 12" head
2	OK
	Morning Pond Ln.
1	OK
2	OK
3	OK
4	OK
5	N/A
6	2 rotors leaking

Total before tax	$	**1225.00**

Acceptance of this proposal:
The above prices, specifications and conditions are satisfactory and are hereby accepted.
You are authorized to do the work as specified. Payment will be made as outlined.
Date of Acceptance 6/26/09
Signature _____
Note: This proposal may be withdrawn by us if not accepted in forty-five (45) days.

LANDSCAPE
Images of Texas

17225 Groeschke Road Houston TX 77084
Phone 281-646-9850
FAX 281-646-9851
www.landscapeimages.com

Irrigation Report/Proposal

Submit to	Crest Mgmt	Phone	281-579-0761 Date: 05/27/09
Attn.	*Heather Monteverde*	Fax	281-579-7062
From	Landscape Images of Texas	Job Loc	Bay Colony 4

If you have any questions, please call

Irrigation is in good working order at this time [ ]

Irrigation is in need of repair. [X]

	Repairs needed to zone:		
	FM 646 & Bay Creek Dr Westside		
	Main line is broken due to construction		WAIT ON LEAGUE CITY TO MOVE MITCH. -300.
	along the curb by the fire station side		
	FM 646 & Bay Creek Dr Eastside		
	Main line is broken due to construction		
	at the corner close to the water meter		
	FM 646 & Diamond Bay East		
1	The lateral line is broken due to		
	construction		
2	1 broken rotor due to construction		
3	*Lateral line broken & 1 broken rotor*		
	due to construction		
4	OK		
		Total before tax	$ 1100.00

800.00

Acceptance of this proposal:

The above prices, specifications and conditions are satisfactory and are hereby accepted
You are authorized to do the work as specified Payment will be made as outlined.
Date of Acceptance: 6/26/09
Signature:
Note This proposal may be withdrawn by us if not accepted in forty-five (45) days

Lol, Inc
17225 Groeschke Road
Houston, Texas 77084
281/646-9850

Invoice

Date	Invoice #
8/7/2009	14454

Bill To
Crest Management BCCIA 17171 Park Row, Suite 310 Houston TX 77084

Job Location
Bay Colony

We appreciate your business!

Terms	Due Date
Net 10	8/17/2009

Qty	Description	Rate	Amount
	Time and materials - repaired main irrigation line on the south set back on Cross Colony West near lake	305 00	305 00T
	Thank you for your business	**Subtotal**	$305 00
		Sales Tax (8.25%)	$25 16
		Total	$330 16
		Payment/Credit	$0 00
		Balance Due	$330 16

If you have any questions in regards to this invoice, please call 281-646-9850
Invoices over thirty (30) days old will be assessed a "past due charge" of 1 5%

Carol Young

From: Heather Monteverde [heather@crest-management com]
Sent: Wednesday, August 05, 2009 2 48 PM
To: 'Carol Young'
Subject: RE Bay Colony - Proposal to repair irrigation

Please move forward with repair per board.

Sincerely,
Heather Monteverde
Crest Management Company
17171 Park Row Suite 310
Houston, Texas 77084
281-579-0761 ext 634
281-579-7062 fax
www.crest-management.com

-----Original Message-----
From. Carol Young [mailto.CarolY@landscapeimages.com]
Sent: Wednesday, August 05, 2009 2:39 PM
To. heather@crest-management.com
Cc: 'Bart Mitchell'
Subject: Bay Colony - Proposal to repair irrigation

Dear Heather:

Please find attached a proposal to repair the main irrigation line damaged by the large truck. If you have any questions please call Bart Mitchell at 832-338-3823

Regards,

Carol Young
Landscape Images of Texas
Ph. 281-646-9850

LANDSCAPE
Images of Texas

17225 Groeschke Road Houston Tx 77084
Phone 281-646-9850
FAX 281-646-9851
www.landscapeimages.com

Proposal

Submit to	Crest Management	From	Bart Mitchell
Attn	Heather Monteverde	Office	281-646-9850
Phone		Date	August 5, 2009
Fax	heather@crest-management.com	Property	Bay Colony / Cross Colony

Project Description	Size	Quantity	Unit Price	Amount
Cross Colony West - south set back near lake				
Replace main irrigation line damaged when large truck ran over curb				
Irrigation Parts				**50.00**
Labor	**1 hour**	**3**	**85.00**	**255.00**
	Total before tax		**$**	**305.00**

Acceptance of this proposal:

The prices, specifications and conditions are satisfactory and are hereby accepted
You are authorized to do the work as specified Payment will be made as outlined
Date of Acceptance _____
Signature _____
Note This proposal may be withdrawn by us if not accepted in forty-five (45) days

AGENDA ITEM #14

Galveston County

722 Moody Ave Galveston TX 77550

Change Order to the Agreement Between Galveston County and the Trade Contractor

01

Project: ..... **Mid County Annex**
Proposal Number **B101074**
PO Number **C102604**
Date. ..... **June 20, 2011**

Trade Contractor	Golden West Plastering Co. 10200 Grogan's Mill Rd. Suite 145 The Woodlands, Tx 77380
Attn:	Dave Salge, President

Article 8 of the Agreement between Galveston County and Trade Contractor provides a method of authorizing changes in the work within the general scope of the agreement.

The Trade Contractor is ordered in writing, without invalidating this Agreement, to make changes in the work within the general scope of this Agreement These changes may consist of additions, deletions, or other revisions and are more fully described below. The contract sum and the contract time will be adjusted by mutual acceptance of the lump sum properly itemized and supported by sufficient substantiating data below and agreed upon by Galveston County, the Construction Manager, and the Trade Contractor

---

Description of Work:

1	Change Order Request #01-revised dated 03/25/2011 ..... Cost ..	$35,380.38
2.	Change Order Request #02-revised dated 06/06/2011 ..... Cost .	$22,891.86
3	Change Order Request #03-revised dated 06/06/2011 ..... Cost .	$3,267 10
4	Reduce Trade contingency balance to $0 ..... Cost .	($18,026.00)
	Sub Total	$44,003 24
5	Allowable mark up for OH & P	$6,600 49
	Total	**$50,603.73**

W \Architecture\0 PROJECTS\09-005 Mid County Annex\AP - Fees-Invoices-Expenses\Construction\Golden West\Allowance-Change\Change Order 01 doc

722 Moody 6th Floor Galveston, Texas 77550 (409) 770-5330

Notes:

This Change Order is caused by a several factors & decisions on this project.

1. Shift in scope – Provide metal lath supports as part of the Stucco contract instead of the drywall contract. (The corresponding reduction in the drywall contract was $37,194.00)

2. Revise detailing of window heads to accommodate thicker steel lintel angles and provide increased waterproofing.

3 Change exposed exterior soffits to stucco instead of drywall for increased durability..

Original Contract Sum	$378,537 00
Authorized Changes Prior to this Change Order	$0 00
Contract Sum Prior to this Change Order	$50,603.73
Contract Sum will be ***increased*** by this Change Order	0 00
Contract Sum	**$429,140.73**

Architect DATE
JDA

Trade Contractor DATE
David Salge, President

Construction Manager Agent DATE
Hugh Patrick Constructors, Inc

Galveston County DATE
Mark Henry, County Judge

Golden West Plastering Company
Established 1982
An Equal Opportunity Employer

10200 Grogans Mill Rd , Ste. 145
The Woodlands, TX 77380
(281) 820-9600 Off.
(281) 820-9699 Fax
dsalge@gwpc.com

CHANGE ORDER REQUEST

COR No 01 - REVISED

Date 3/25/2011

Subcontract Number: B101074

To: County of Galveston
722 Moody St.
Galveston, TX 77550

Project: Mid-County Annex

ITEM NO	DESCRIPTION OF CHANGE	INCREASE IN PRICE	DECREASE IN PRICE
1	**11/15/2010 Drawings** **Changes to lath and plaster found in drawings dated 11/15/2010, including the addition of channel iron furring for plaster at existing split-faced CMU wall conditions. Wall areas include those quoted on 10/14/10 for $34,550 plus exterior walls at room 152 in sector C, which were not previously included. Also, includes plaster at the trash yard above the metal roof shown in dtls. 1&4/A6.9 and a plaster ceiling in Entry #3 Vestibule Rm. 400 in lieu of suspended gypsum board.**	40,687.00	

MATERIALS		Quantity	Unit Price	Totals
PC Scratch & Brown	Add	6 Bchs	31 81	190 86
Finish Acrylic Sand (StucCoat)	Add	4 Pails	50 51	202 04
1½" Channel Iron	Add	6,921 LF	0 52	3,598 92
¾" Channel Iron	Add	17,967 LF	0 35	6,288.45
Lath 3 4 SF	Add	23 EA	5 73	131 79
Casing Bead, Zinc	Add	106 LF	0 71	75 26
Lead anchors, fasteners, ets	Add	1 All	350 00	350 00
			Total Materials	**11,242.03**
LABOR (Burdens Included)				
Scaffold Erectors	Add	22 Hrs	25 75	566 50
Lathers	Add	653 Hrs	33 50	21,875.50
Plasterers	Add	21 Hrs	33 50	703 50
Plaster Tenders	Add	21 Hrs	25 75	540 75
			Total Labor	**23,686.25**
OTHER			Scaffold Rent	60 01
			Total Other	**60.01**
TOTALS			**Total Materials**	**11,242.03**
			Total Labor	**23,686.25**
			Total Other	**452.10**
			Total Costs	**35,380.38**
			Markup	**5,307.06**
			Total Price	**40,687.44**

	TOTALS	40,687.00
	NET CHANGE TO SUBCONTRACT	40,687.00

TERMS - The above change, if accepted, will modify the consideration named in the Subcontract referred to above between Contractor and Golden West Plastering Co It will be a supplement to that Subcontract and all its provisions as originally executed remain in full force and effect except as herein or previously specifically supplemented or amended.

ACCEPTANCE - I do hereby accept the above change, designated as Contractor's Change Order No _____, and fully authorize and direct Golden West Plastering Co to proceed with the work This document will serve as a fully executed Change Order, providing the same authority for payments under the conditions of the Subcontract as the Contractor's Change Order documents which may follow

ACCEPTED:

County of Galveston

By _____

Title: County Judge Date: 6/21/11

GOLDEN WEST PLASTERING CO.

By _____

David A. Salge, President

06/07/2011

Golden West Plastering Company
Established 1982
An Equal Opportunity Employer

10200 Grogans Mill Rd., Ste 145
The Woodlands, TX 77380
(281) 820-9600 Off.
(281) 820-9699 Fax
dsalge@gwpc.com

CHANGE ORDER REQUEST

COR No **02 - REVISED**

Date: **6/6/2011**

Subcontract Number: **B101074**

To: **County of Galveston**
722 Moody St.
Galveston, TX 77550

Project: **Mid-County Annex**

ITEM NO	DESCRIPTION OF CHANGE	INCREASE IN PRICE	DECREASE IN PRICE
1	**RFI 115 (revised)** **Add channel iron framing, lath, trims and plaster with an accent color of acrylic finish, all in lieu of EIFS, to create projecting bands (or furr-outs) around type G2 windows (16 each), type G3 windows (36 each) and around doors 140D, 265B, 375C, 386B, 391B, 392 and 394. The offset between these bands and the surrounding plaster be about 2¼" at the heads, jambs and sills.** **(NOTE: Price revision is based on the revised details dated 5/24/11 requiring the addition of cement board and waterproofing over the channel iron framing. While this additional work will be by others, it will slow down the lath installation because it will require screw attachment instead of wire ties, and framing locations will be hidden by the board and waterproofing. It will also affect the lath labor because of the interruption in work between the framing and the lathing making it a two-phased operation.)**	26,326.00	

MATERIALS		Quantity	Unit Price	Totals
PC Scratch & Brown	Add	17 Bchs	31 81	540 77
Finish Acrylic Sand (StucCoat)	Add	8 Pails	50 51	404 08
1½" Channel Iron	Add	700 LF	0 52	364 00
¾" Channel Iron	Add	1,320 LF	0 35	462 00
Lath 3.4 SF	Add	56 EA	5 73	320 88
Casing Bead, Zinc	Add	560 LF	0 71	397 60
Corner Bead, Zinc	Add	1,580 LF	0 64	1,011 20
			Total Materials	**3,500.53**
LABOR (Burdens Included)				
Lathers	Add	408 Hrs	33 50	13,668 00
Plasterers	Add	136 Hrs	33 50	4,556 00
Plaster Tenders	Add	45 Hrs	25 75	1,167 33
			Total Labor	**19,391.33**

TOTALS	
Total Materials	**3,500.53**
Total Labor	**19,391.33**
Total Costs	**22,891.86**
Markup	**3,433.78**
Total Price	**26,325.64**

	TOTALS	**26,326.00**
	NET CHANGE TO SUBCONTRACT	**26,326.00**

TERMS - The above change, if accepted, will modify the consideration named in the Subcontract referred to above between Contractor and Golden West Plastering Co It will be a supplement to that Subcontract and all its provisions as originally executed remain in full force and effect except as herein or previously specifically supplemented or amended

ACCEPTANCE - I do hereby accept the above change, designated as Contractor's Change Order No _____, and fully authorize and direct Golden West Plastering Co to proceed with the work This document will serve as a fully executed Change Order, providing the same authority for payments under the conditions of the Subcontract as the Contractor's Change Order documents which may follow

ACCEPTED:

County of Galveston

By _____

Title: County Judge Date: 6/21/11

GOLDEN WEST PLASTERING CO.

By _____

David A. Salge, President

06/06/2011

Hugh Patrick Constructors, Inc.

2628 Texas Avenue Texas City, TX. 77592

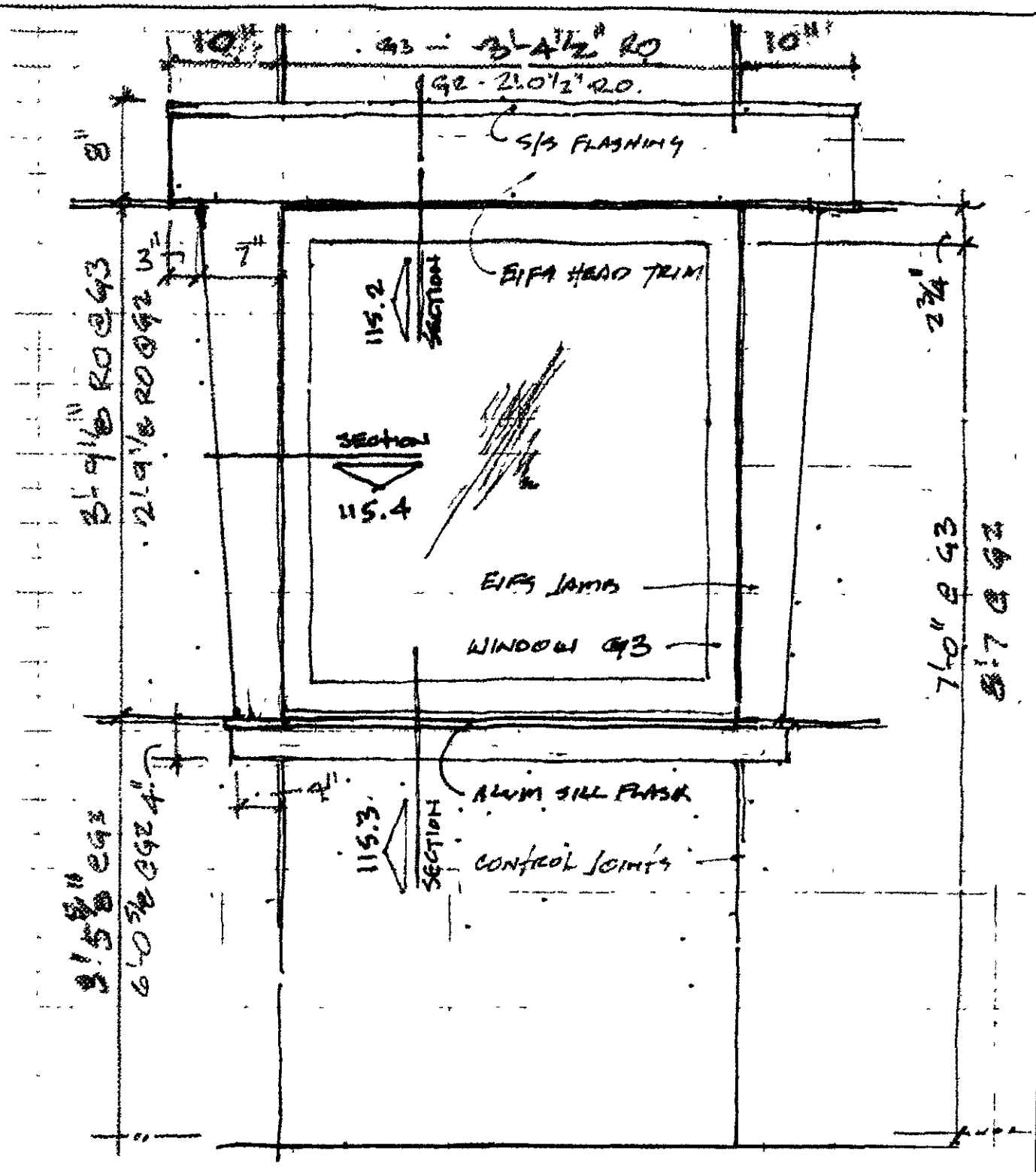
RFI 115

Sent By: Michael Wood
Sent To: Dudley Anderson, Mike Steffey, OC Unbehagen
Description: Glazing, Stucco
Date Sent: 4/12/11
Return Date: 4/19/11
Response Date:
Answered By:
Job: Mid County Annex

Question:

1) Please provide a detail to clarify window flashing and "eyebrows" where stucco covers lintels.

Response: 1) PLEASE SEE ATTACHED DETAILS 115.1 THRU 115.10 DATED 4/19/11.



A ELEVATION - WINDOW G3
1/2"

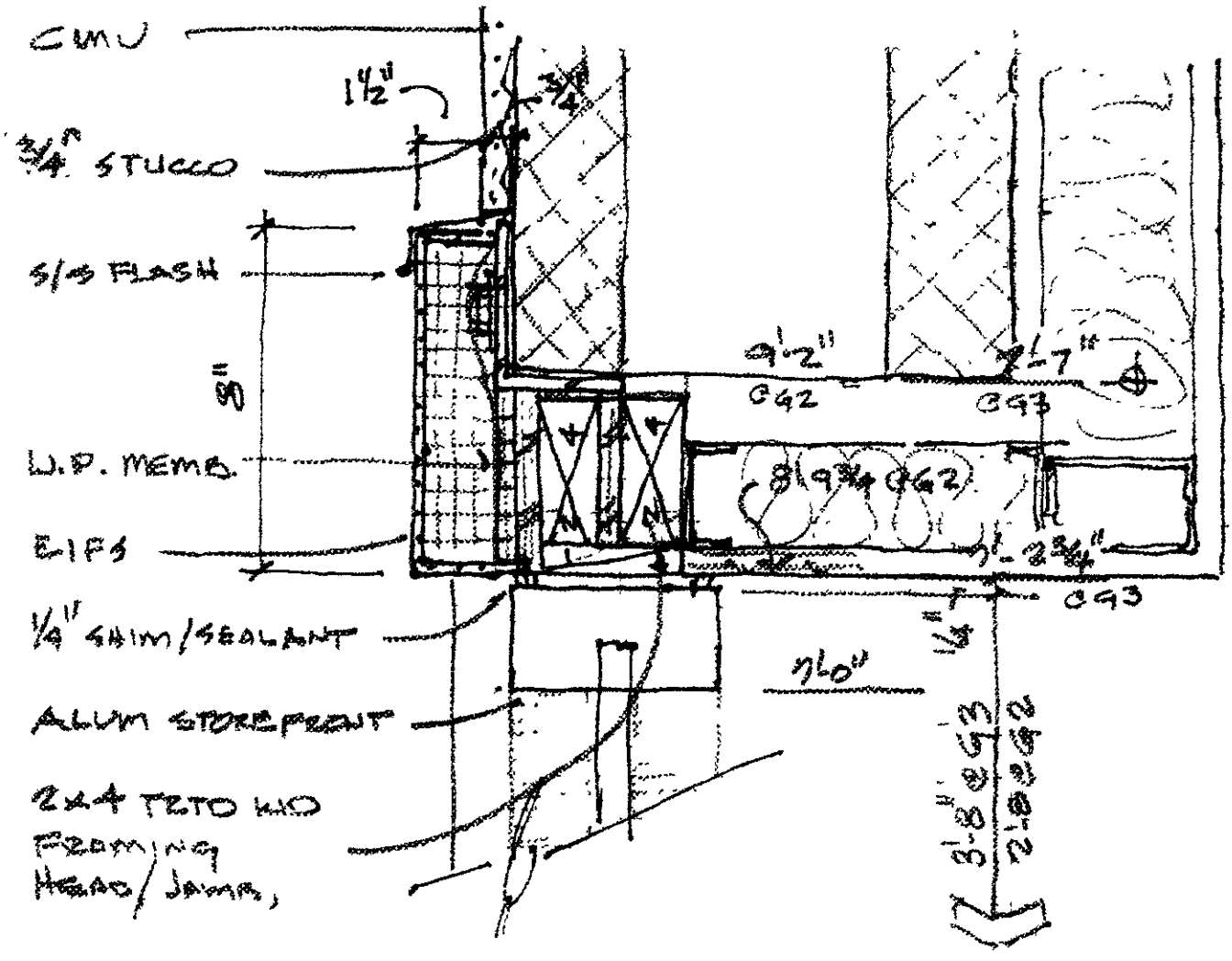
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI- 115.1
4/19/11

PROJECT NO. 09-005



HEAD WINDOW 42/43
3'

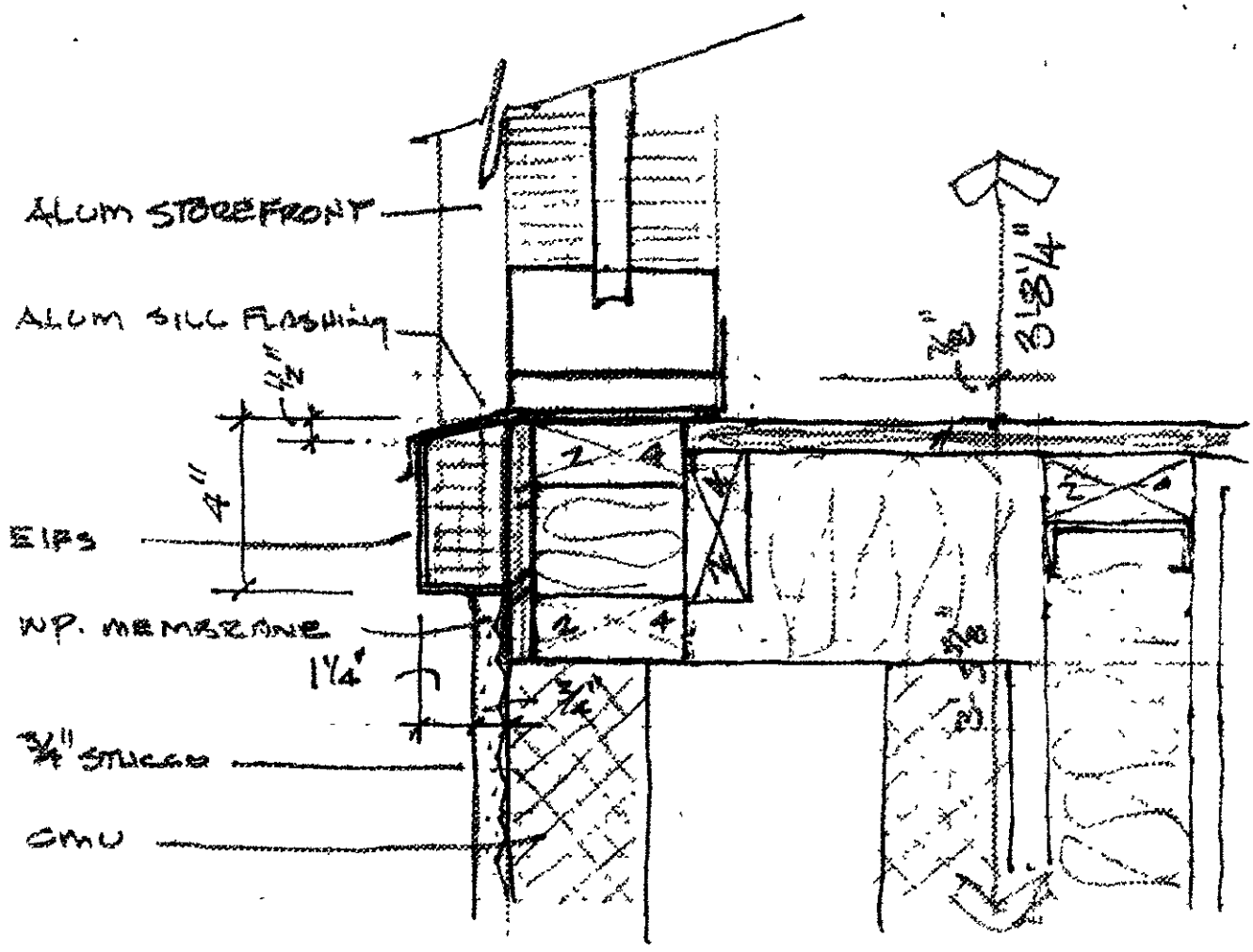
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI-115.2
4/19/11

PROJECT NO. 09-005



SILL - WINDOW G2/G3
3"

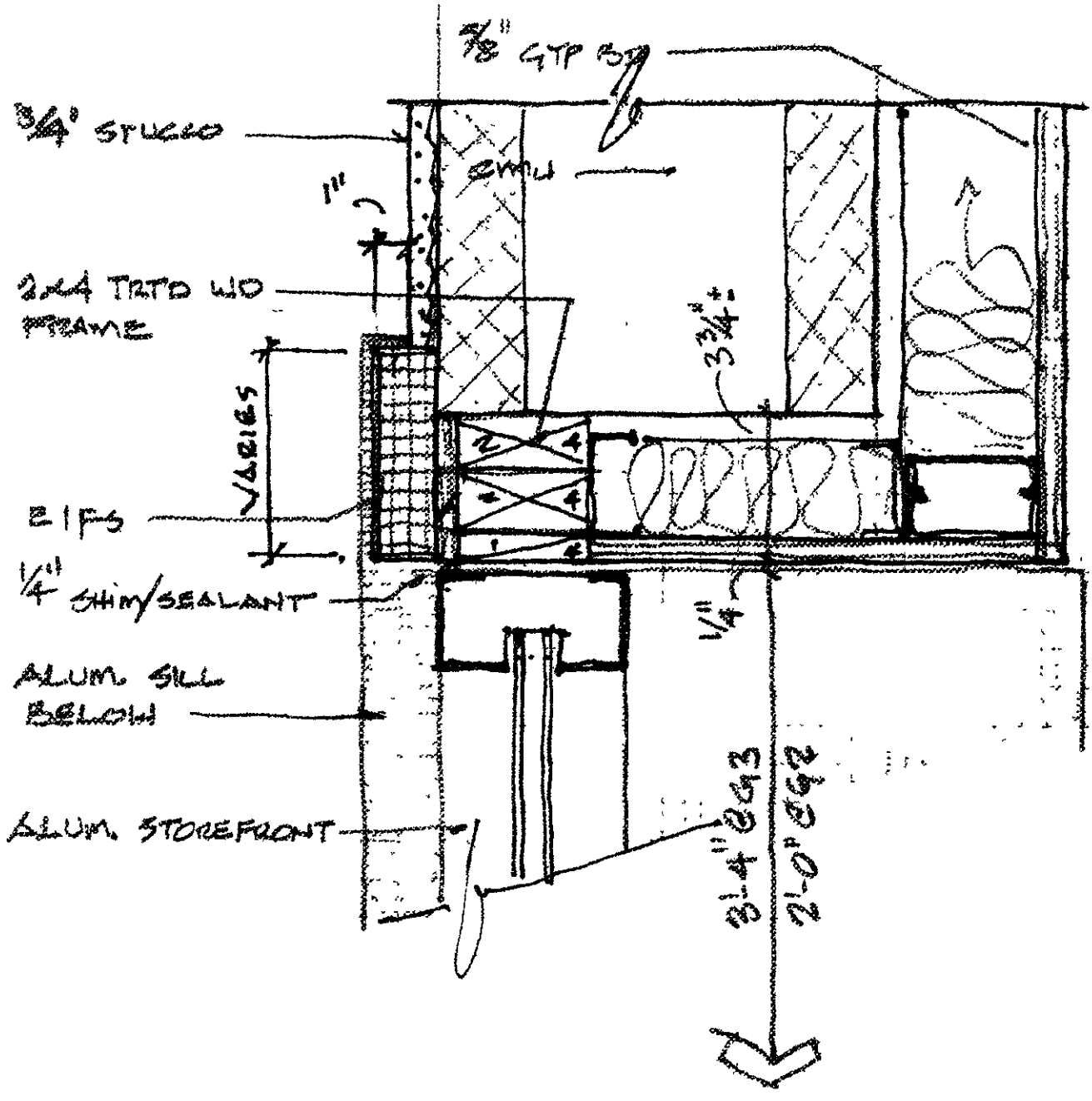
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI-115.3
4/12/11

PROJECT NO. 09-005



JAMB - WINDOW G2/G3
3"

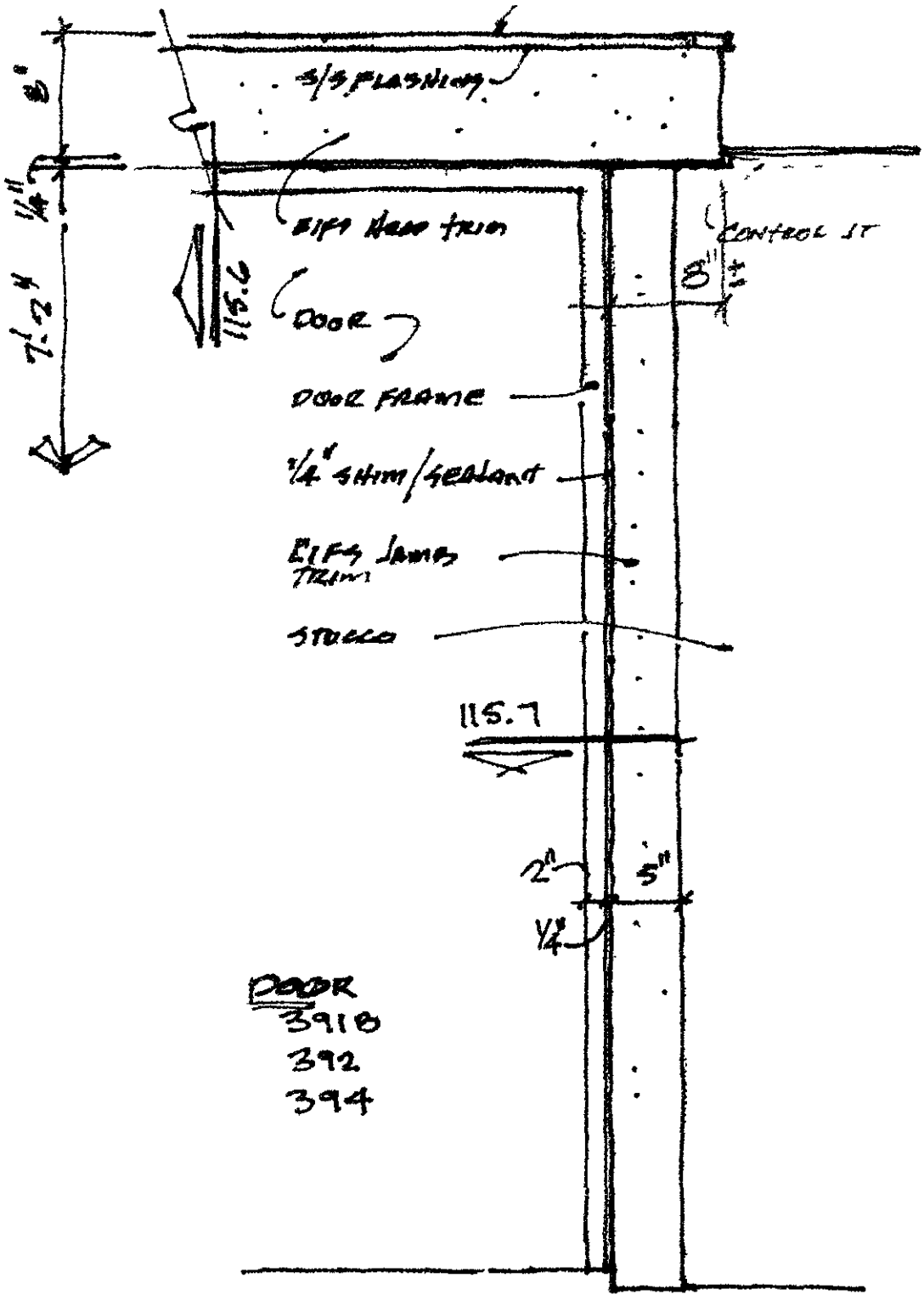
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI- 115.4
4/19/11

PROJECT NO. 09-005



B ELEVATION @ SS DOOR & FRAME
1/2"

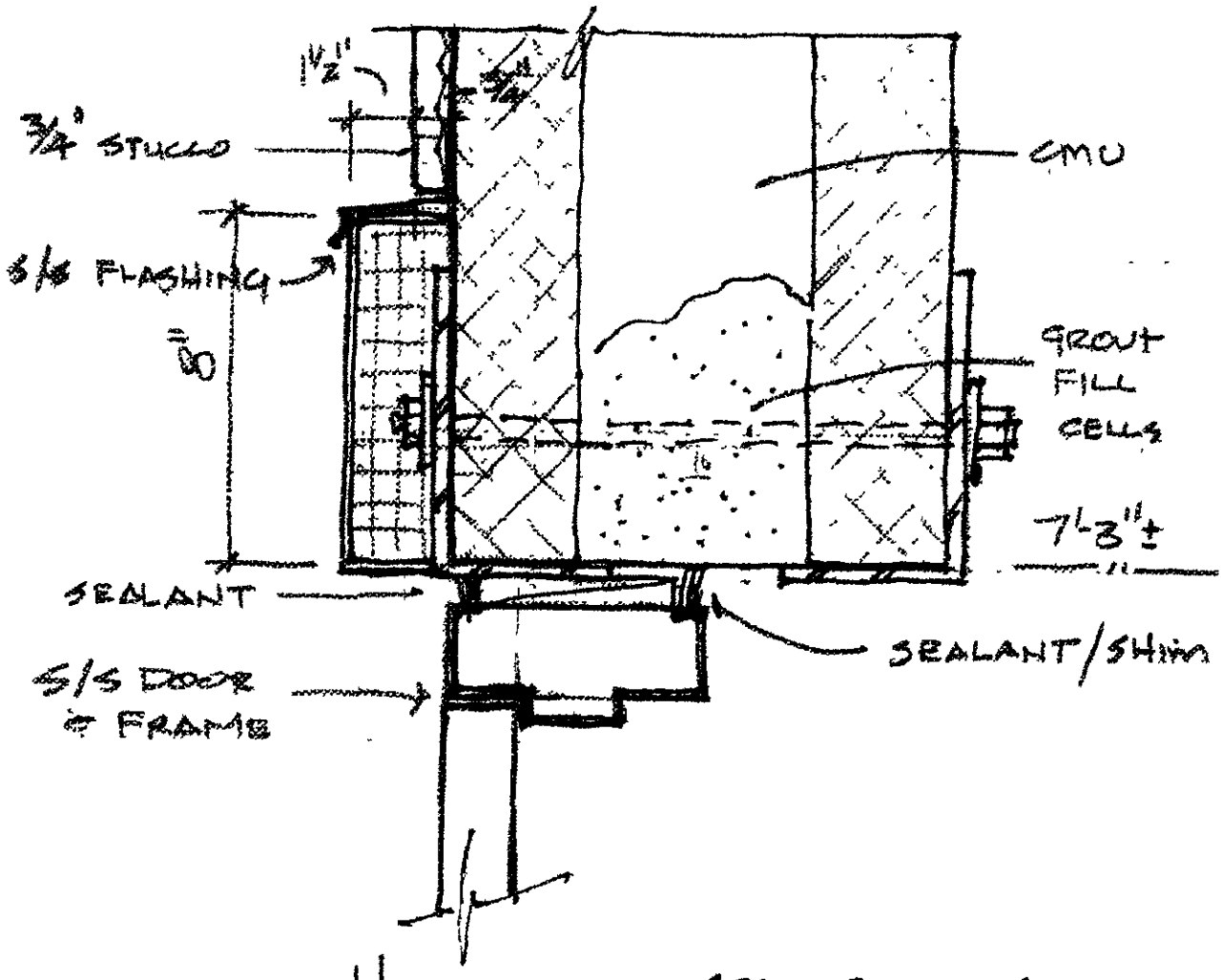
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway Texas City, Texas

RFI-115.5
4/19/11

PROJECT NO. 09-005



HEAD · DOOR 3918 · 392 · 394

3"

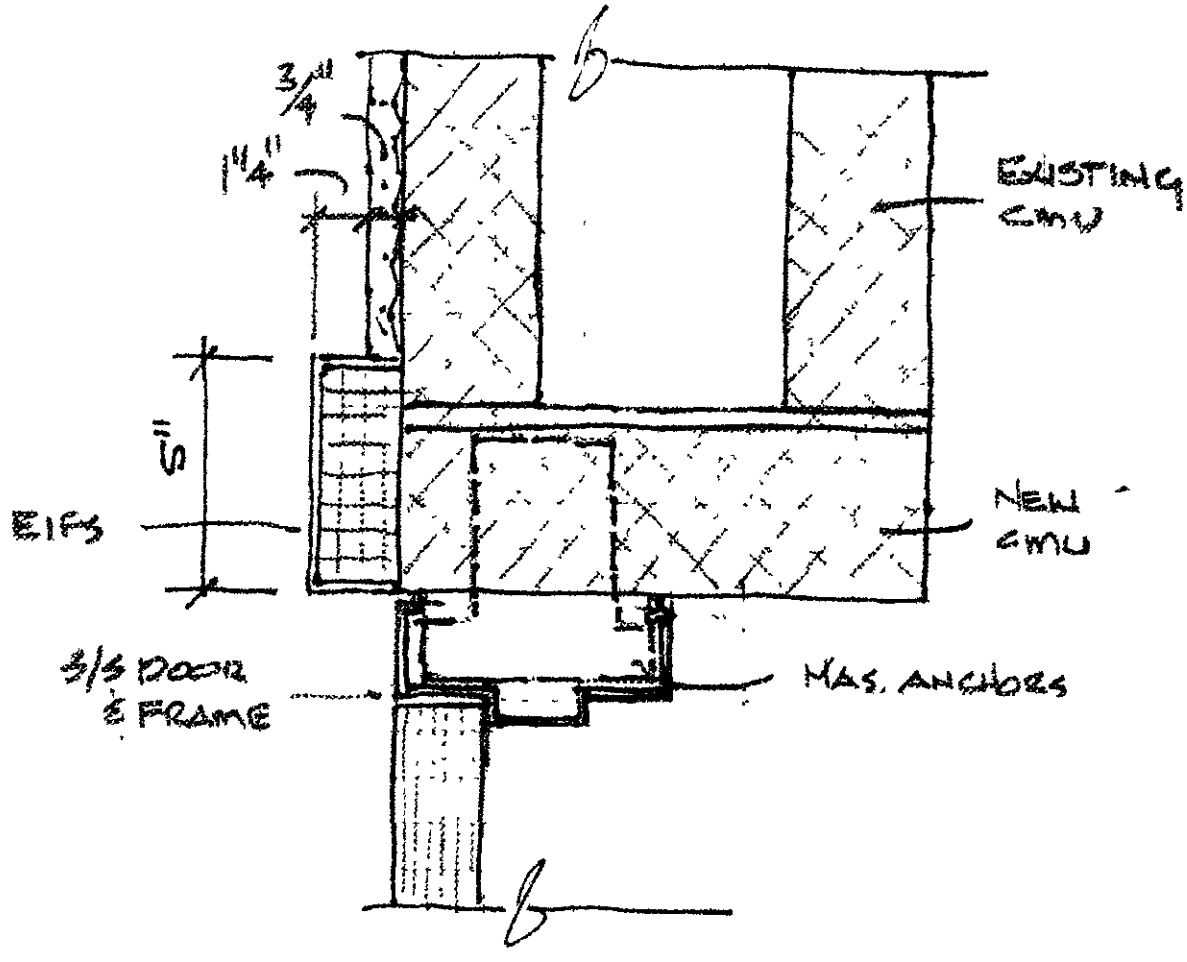
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway Texas City, Texas

RFI-115.6
4/19/11

PROJECT NO. 09-005



JAMB - DOOR 371B-392-394
3"

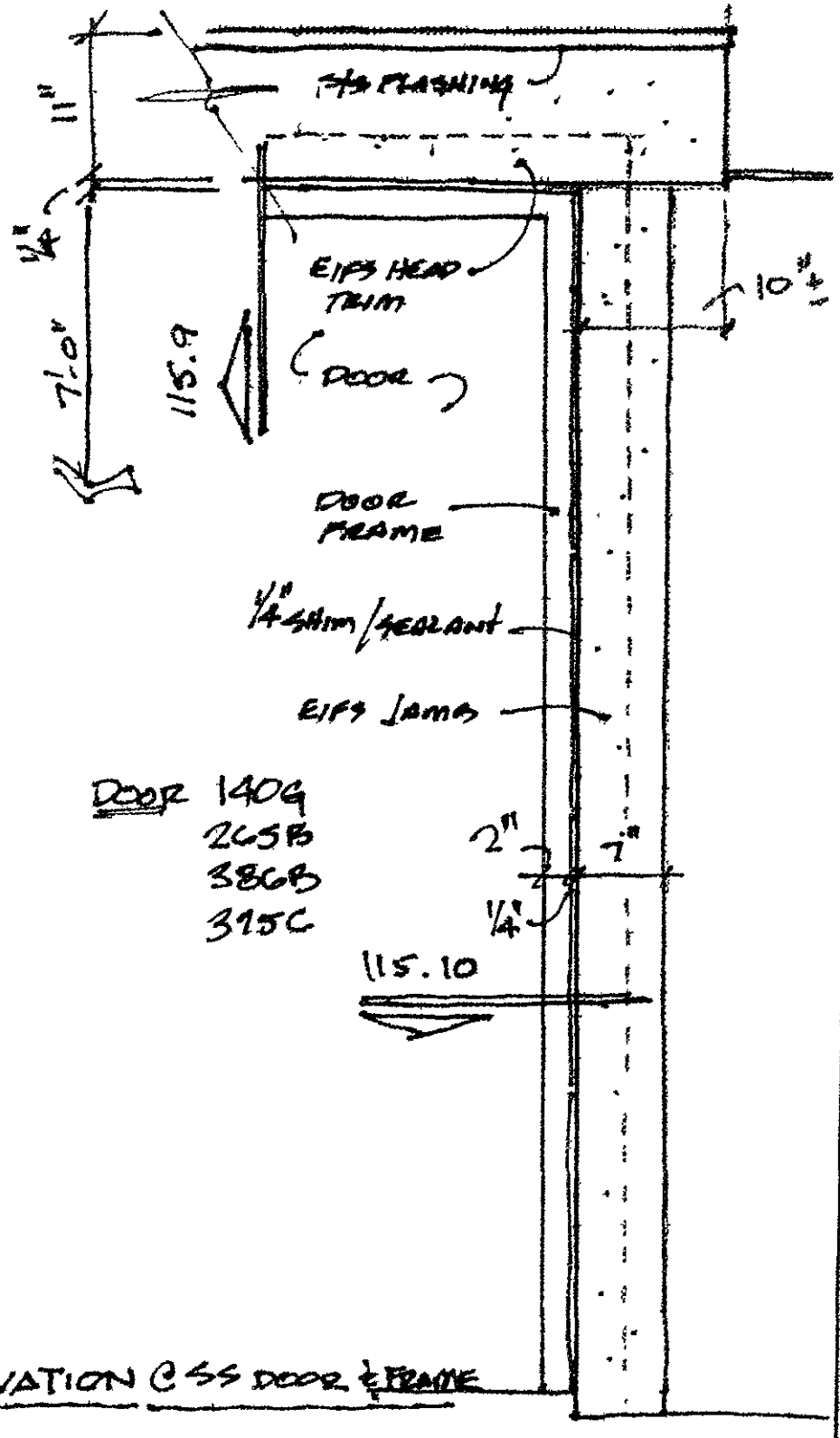
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI-115.7
4/19/11

PROJECT NO. 09-005



C ELEVATION @ SS DOOR & FRAME
1/2"

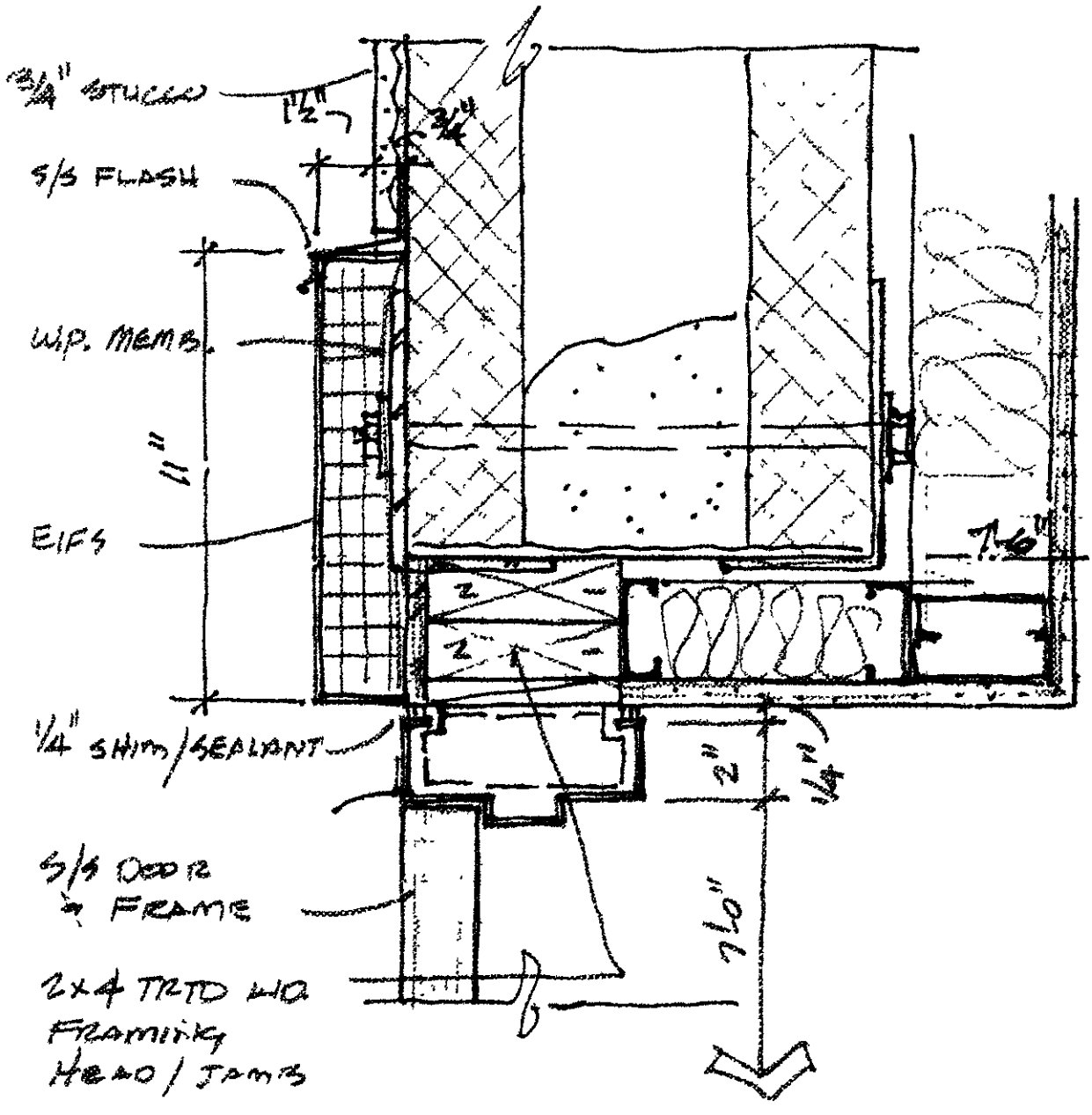
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI- 115.8
4/19/11

PROJECT NO. 09-005



HEAD - DOOR 140G, 265B, 326B, 275C
3"

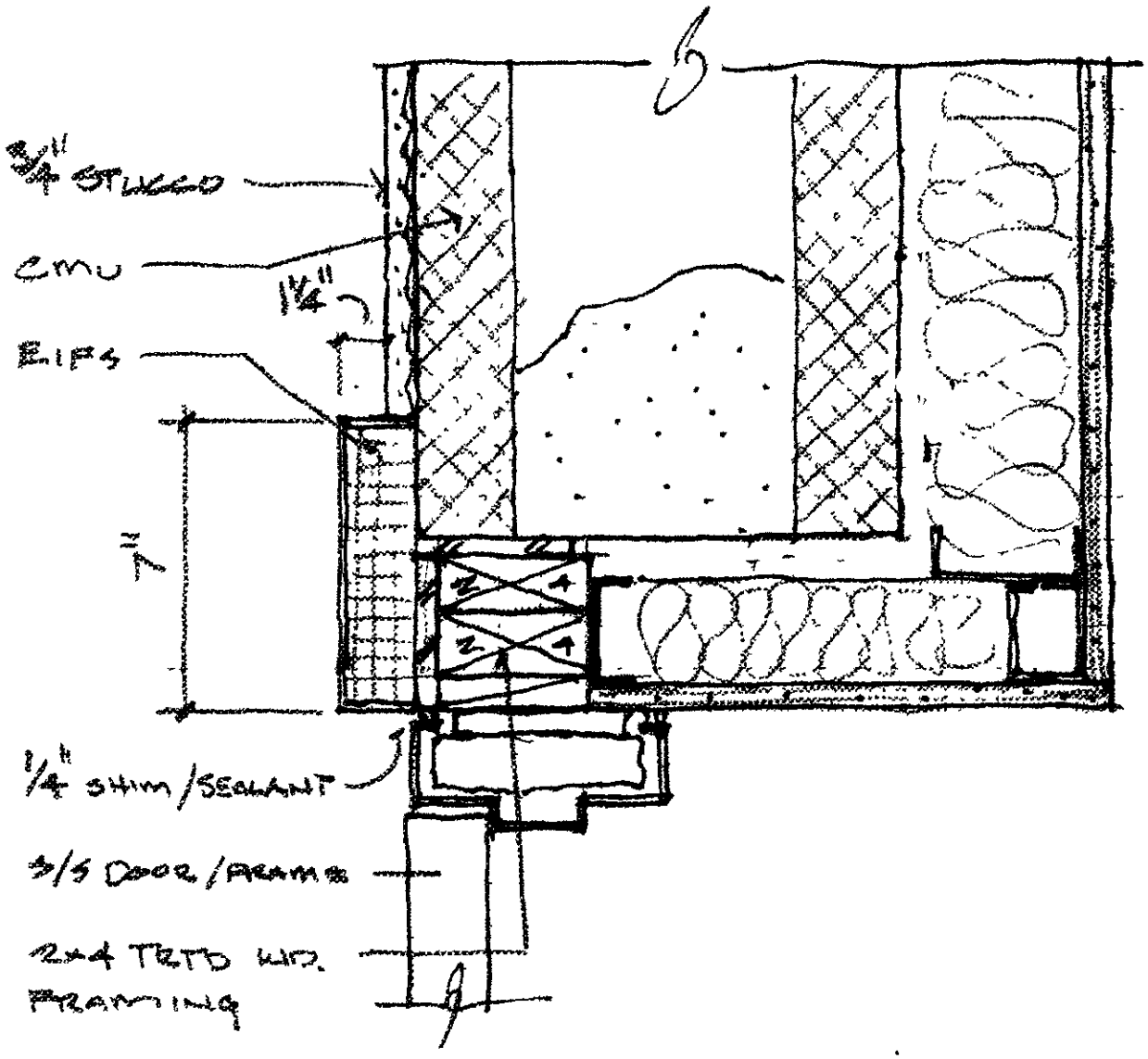
Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI-115.9
4/19/11

PROJECT NO. 09-005



JAMB - DOOR 140G, 265B, 380B, 225C
3"

Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI-115.10
4/19/11

PROJECT NO. 09-005

Golden West Plastering Company
Established 1982
An Equal Opportunity Employer

10200 Grogans Mill Rd , Ste. 145
The Woodlands, TX 77380
(281) 820-9600 Off
(281) 820-9699 Fax
dsalge@gwpc com

CHANGE ORDER REQUEST

DUDLEY TO SEND GW AFA EXPLANATION. 5/24/11

COR No 03

Date 5/19/2011

To County of Galveston
722 Moody St.
Galveston, TX 77550

Subcontract Number B101074

Project Mid-County Annex

ITEM NO	DESCRIPTION OF CHANGE					INCREASE IN PRICE	DECREASE IN PRICE
1	**RFI 124** **Create stucco furr-outs over stud blocking (by others) at W1 light fixtures (28 locations) and W2 light fixtures (2 locations) per RFI 124.**					3,757.00	
	MATERIALS		**Quantity**	**Unit Price**	**Totals**		
	PC Scratch & Brown	Add	2 Bchs	31 81	63 62		
	Finish Acrylic Sand (StucCoat)	Add	1 Pails	50 51	50 51		
	Casing Bead, Zinc	Add	260 LF	0 89	231 40		
	Corner Bead, Zinc	Add	300 LF	0 80	240 00		
	15# Paper	Add	108 SF	0 04	4 32		
				Total Materials	**589.85**		
	LABOR (Burdens Included)						
	Lathers	Add	46 Hrs	33 50	1,541 00		
	Plasterers	Add	27 Hrs	33 50	904 50		
	Plaster Tenders	Add	9 Hrs	25 75	231 75		
				Total Labor	**2,677.25**		
	TOTALS			**Total Materials**	**589.85**		
				Total Labor	**2,677.25**		
				Total Costs	**3,267.10**		
				Markup	**490.07**		
				Total Price	**3,757.17**		
					TOTALS	3,757.00	
					NET CHANGE TO SUBCONTRACT	3,757.00	

TERMS - The above change, if accepted, will modify the consideration named in the Subcontract referred to above between Contractor and Golden West Plastering Co It will be a supplement to that Subcontract and all its provisions as originally executed remain in full force and effect except as herein or previously specifically supplemented or amended

ACCEPTANCE - I do hereby accept the above change, designated as Contractor's Change Order No _____, and fully authorize and direct Golden West Plastering Co to proceed with the work This document will serve as a fully executed Change Order, providing the same authority for payments under the conditions of the Subcontract as the Contractor's Change Order documents which may follow

ACCEPTED:

County of Galveston

By Mark Henry

Title: County Judge Date: 6/21/11

GOLDEN WEST PLASTERING CO.

By

David A. Salge, President

Hugh Patrick Constructors, Inc.

2628 Texas Avenue Texas City, TX. 77592

RFI 124

Sent By: Michael Wood
Sent To: Dudley Anderson, Mike Steffey, OC Unbehagen
Description: Architectural
Date Sent: 5/9/11
Return Date: 5/16/11
Response Date: 5/10/11
Answered By: Mike Steffey
Job: Mid County Annex

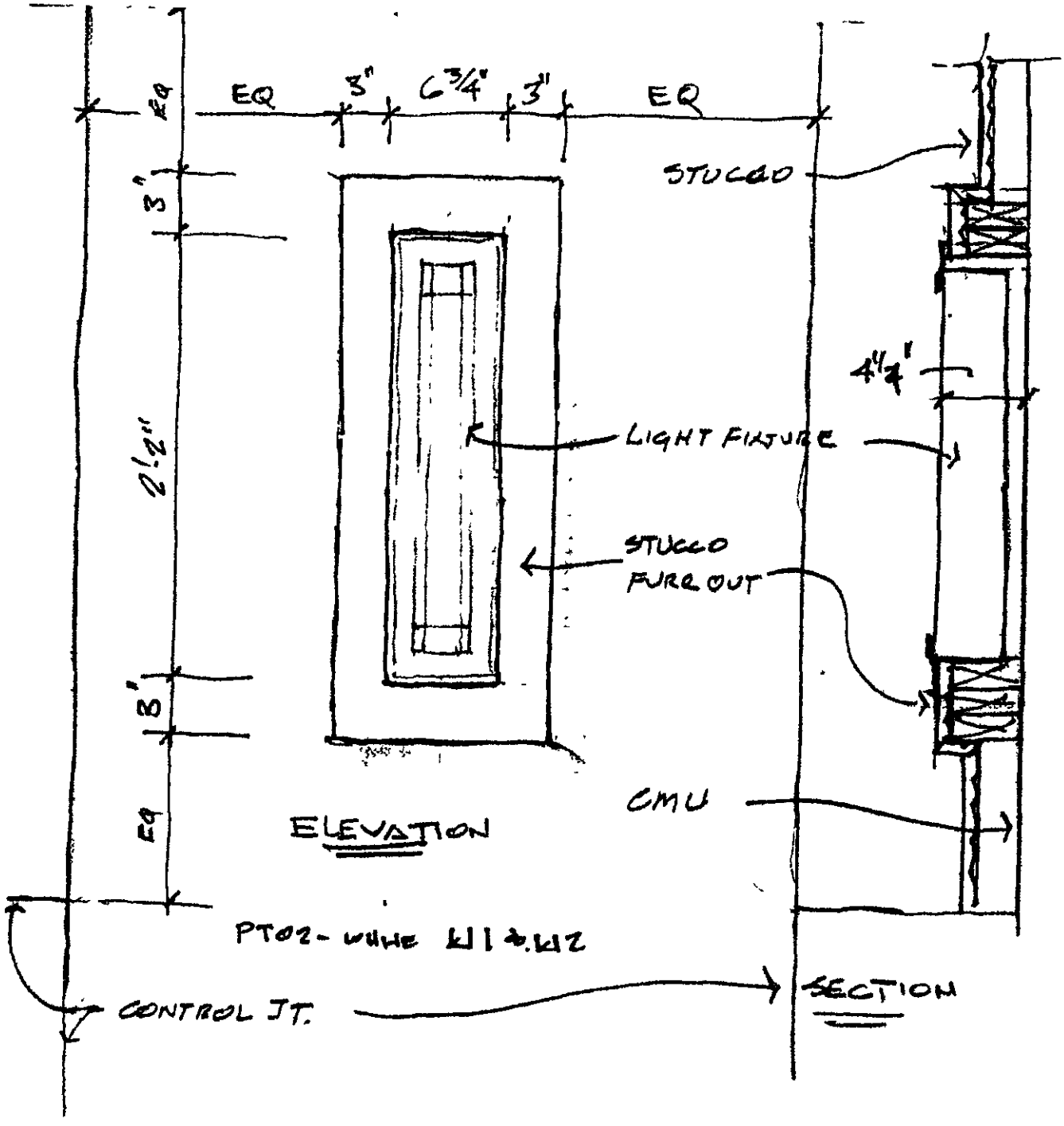
Question:

Please confirm the W1 and W2 light fixture furr out details on the exterior of the building.

Response:

PLEASE SEE ATTACHED DRAWING 124.1
DATED 5/4/11 - NOTE: THE FURR OUT
FRAMING MAYBE METAL STUDS

5/10/11



Mid County Annex

Renovations at

9300 Emmett F. Lowry Expressway **Texas City, Texas**

RFI-124.1
5/4/11

PROJECT NO. 09-005

AGENDA ITEM #15a

COUNTY OF GALVESTON

RUFUS CROWDER, CPPB
PURCHASING AGENT

COUNTY COURTHOUSE
722 Moody (21st Street)
Fifth (5th) Floor
GALVESTON, TEXAS 77550
(409) 770-5371

GWEN MCLAREN, CPPB
ASST PURCHASING AGENT

June 15, 2011

Honorable County Judge
And Commissioners' Court
County Courthouse
Galveston, Texas

Re: Bid #B072016, Travel Management Services

Gentlemen,

The contract associated with Bid #B072016, Travel Management Services is scheduled for its second and final extension on July 18, 2011 The contracted vendor for this service is Travel Counselors, Inc

It is requested that you authorize an extension on this contract

Your consideration in this matter will be greatly appreciated

Respectfully submitted,

Rufus G Crowder, CPPB
Purchasing Agent
County of Galveston

Attachments

Travel Counselors, Inc.
2508 Ball
Galveston, TX 77550
Phone 409-765-7759 Fax 409-765-8994
Email· email@travel-counselors com

June 13, 2011

Rufus Crowder, CPPB
Purchasing Agent
Galveston County, Texas
722 Moody, 5th Floor
Galveston, TX 77550

RE Bid # B072016, Travel Management Services for Galveston County

Dear Mr. Crowder,

It is with pleasure that we submit this letter as a request for extension of the County's Travel Management Services

We request a one year extension of our contract with you

With best regards,

Susan G. Antonelli

Susan G Antonelli
President

AGENDA ITEM #15b

COUNTY OF GALVESTON

RUFUS CROWDER, CPPB
PURCHASING AGENT

COUNTY COURTHOUSE
722 Moody (21st Street)
Fifth (5th) Floor
GALVESTON, TEXAS 77550
(409) 770-5371

GWEN MCLAREN, CPPB
ASST PURCHASING AGENT

June 15, 2011

Honorable County Judge
And Commissioners' Court
County Courthouse
Galveston, Texas

Re Bid #B102011, Prepare & Print Ballots & Election Supplies

Gentlemen,

The contract associated with Bid #B102011, Prepare & Print Ballots & Election Supplies is scheduled for its first extension on June 16, 2011. The contracted vendor for this service is Hart Intercivic.

It is requested that you authorize an extension on this contract

Your consideration in this matter will be greatly appreciated.

Respectfully submitted,

Rufus G Crowder, CPPB
Purchasing Agent
County of Galveston

Attachments

The County of Galveston

P O BOX 17253
COUNTY COURTHOUSE
GALVESTON, TEXAS 77552-7253

DWIGHT D SULLIVAN
COUNTY CLERK

June 14, 2011

Rufus Crowder
Purchasing Agent
County of Galveston

Re #B102011, Prepare and Print Ballots & Election Supplies

Mr Crowder,

Bid #B102011, Prepare and Print Ballots & Election Supplies is scheduled for its first extension on June 16, 2011

I recommend an extension on this bid

Your consideration in this matter will be greatly appreciated

Respectfully submitted,

Dwight D. Sullivan,
Galveston County Clerk

HART intercivic

June 13, 2011

County of Galveston
Purchasing
Attn. Darla McCullough
722 Moody, 5th Floor
Galveston, Tx 77550

RE Renewal – Prepare & Print Ballots & Election Supplies
Contract # CM10151

Dear Ms McCullough,

This letter is to inform you that Hart InterCivic, Inc wishes to renew our current Prepare & Print Ballots & Election Supplies contract for the items as referenced in our original bid response at the same pricing, terms and conditions as the existing contract

The renewal period will be for the next fiscal year beginning June 15, 2011 through June 16, 2012

Warm Regards,

Phillip W Braithwaite
President

Hart InterCivic, Inc • PO Box 80649 • Austin, TX 78708-0649 • 866 275 HART • Fax 800 831 1485
customersupport@hartic com • www hartintercivic com

AGENDA ITEM #16a

THE COUNTY OF GALVESTON

RUFUS CROWDER, CPPB
PURCHASING AGENT

COUNTY COURTHOUSE
722 Moody (21st Street)
Fifth (5th) Floor
GALVESTON, TEXAS 77550
(409) 770-5371

GWEN MCLAREN, CPPB
ASST PURCHASING AGENT

June 15, 2011

Honorable County Judge
And Commissioners' Court
County Courthouse
Galveston, Texas

Re Bid #B111042, Texas City 6th Street Reconstruction

Gentlemen,

On May 3, 2011 bids were opened for Bid # B111042, Texas City 6th Street Reconstruction, at which time five (5) bids were received from the following companies

• R W Lucas Construction, LLC	League City, TX	$3,095,871 00
• Harris Construction Co , Ltd	Houston, TX	$3,124,245 70
• SER Construction Partners, LLC	Pasadena, TX	$3,650,389.80
• Triple B Services, LLP	Huffman, TX	$3,221,046 90
• Metro City Construction, L.P	Houston, TX	$3,298,236 00

The lowest responsible bid was received from R W. Lucas Construction, LLC The County Engineer and I recommend that you award this bid to R. W Lucas Construction, LLC

Your consideration in this matter will be greatly appreciated

Respectfully submitted,

Rufus G Crowder, CPPB
Purchasing Agent
County of Galveston

Attachments

To: Rufus Crowder, Members of the Court, Mel Trammell

Attached is the bid tabulation for 6th St It is my recommendation that the project be awarded to the low responsible bidder, R W Lucas Construction, LLC for the base bid and add alternate no 2 as follows·

Base bid	$2,697,771
Add alt no 2 (lighting)	$398,100
Total	$3,095,871

The balance in the 6th St project account is $2,558,506 Therefore a budget amendment will be necessary as follows·

Total construction cost	$3,095,871
Balance in 6th St acct	$2,558,506
Needed budget transfer	$537,365

Mel, please transfer $537,365 from acct 3312 312111 5731174 (Texas City, Amburn) to acct 3312 312111 5731173 (Texas City, 6th St)

It is also recommended that the court authorize the final payment (payment no. 2) to the City of Texas city for the Amburn Road project in the amount of $797,535 in accordance with the May 20, 2009 interlocal agreement with the provision that the balance in the Amburn Road and 9th Ave (Palmer) accounts when construction is complete be applied to payment of the county bond debt See attachment for current Texas City project account status

Notes:

(1) Change order approved by court on 5/17/2011 for 9th Ave lighting was $214,051 $118,000 was for new lighting and $96,051 was for relocation of existing lights

(2) 6th St bids included $398,100 for lighting $262,746 was for new lighting, $135,354 was for relocation of existing lights

(3) City of Texas City paid Claunch & Miller $72,700 for utility relocation design on 9th Ave which the county would have paid if the city didn't

(4) City of Texas city paid Claunch & Miller $63,180 for utility relocation design on 6th St which the county would have paid if the city didn't

June 7, 2011

STATUS OF TEXAS CITY ROAD BOND PROJECTS

AMBURN (complete):

	Original bond amount	$3,620,000	
	Rev bond amount	$3,620,000	
	Int agreement	$3,620,000	
	City inv # 1 (paid 6-8-10)	$1,498,758	
	Current Balance		**$2,121,241**
(not paid)	City inv #2 (5/9/11)	$797,535	
	Balance if invoice #2 is paid:		**$1,323,706**

PALMER (under construction – 60% complete):

Original bond amount	$6,200,000	
Rev. bond amount	$6,200,000	
Engineering	$699,766	
Contractor	$4,136,664	
Current Balance		**$1,363,570**

6TH STREET (bids received):

Original bond amount	$3,000,000	
Rev bond amount	$3,000,000	
Engineering	$441,494	
Balance	$2,558,506	
Bids open 5-3-11	$3,095,871	
Shortfall		**- $537,365**

CENTURY (no activity):

Original bond amount	$1,003,000	
Rev. bond amount	$599,300	
Current Balance		**$599,300**

BROWN & GAY
ENGINEERS INC

May 6, 2011

Mr G. Michael Fitzgerald, PE
County Engineer
Galveston County
722 Moody, 1st Floor
Galveston, Texas 77550

Re: Texas City 6th Street Reconstruction
Bid No B111042
Recommendation of Award

Dear Mr Fitzgerald

Bids for the referenced project were publicly opened at the Galveston County office of the Purchasing Agent on Tuesday, May 3, 2011. The lowest responsible bidder was R.W Lucas Construction, LLC with a total base bid amount of $2,697,771.14 and additive alternate bids of $43,500 00 and $398,100.00. We have enclosed the bid tab summary for your records and review.

Bid Summary

Bidder	*Base Bid*	*Add. Alternate No. 1*	*Add. Alternate No. 2*
R W Lucas Construction	$ 2,697,771.14	$ 43,500.00	$ 398,100 00
Harris Construction Co.	$ 2,704,919 15	$ 62,731 35	$ 420,326 65
Triple B Services	$ 2,808,179 95	$ 89,175.00	$ 412,867 00
Metro City Construction	$ 2,864,781 00	$ 80,620 00	$ 433,455 00
SER Construction Partners	$ 3,151,481 80	$ 49,300 00	$ 498,908 00

R.W Lucas Construction, LLC has successfully completed work of this nature and, therefore, we recommend award of the construction contract to R W Lucas Construction, LLC for the base bid or the base bid and any combination of alternate bids If you have any questions regarding our recommendation or the attached bid tab summary, please contact me at 281-558-8700

Sincerely,

Rodney R Heisch, PE
Senior Project Manager

Enclosure

10777 Westheimer • Suite 400 • Houston Texas 77042 • TEL 281-558-8700 • FAX 281-558-9701 • www browngay com

COUNTY OF GALVESTON
TEXAS CITY 6TH STREET RECONSTRUCTION
BID TABULATION
May 3 2011

DENOTES MATHEMATICAL ERROR/ERRORS HAVE BEEN CORRECTED

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	R W LUCAS CONSTRUCTION LLC		HARRIS CONSTRUCTION CO , LTD		TRIPLE B SERVICES L.L.P		METRO CITY CONSTRUCTION, LLP		SER CONSTRUCTION PARTNERS, LLC	
					UNIT PRICE	COST IN FIGURES	UNIT PRICE	COST IN FIGURES	UNIT PRICE	COST IN FIGURES	UNIT PRICE	COST IN FIGURES	UNIT PRICE	COST IN FIGURES
BASE BID														
		ROADWAY WORK												
1	0100	PREPARING ROW	STA	48	$500 00	$ 24 000 00	$461 47	$ 22 150 56	$2 350 00	$ 112,800 00	$200 00	$ 9 600 00	$3 100 00	$ 148 800 00
2	0104	REMOVING CONC & ASPHALT (PAVING) (ALL THICKNESSES)	SY	32 656	$2 50	$ 81 640 00	$2 81	$ 91 763 36	$2 15	$ 70 210 40	$1 40	$ 45 718 40	$5 00	$ 163,280 00
3	0104	REMOVING CONC (SIDEWALKS) (ALL THICKNESSES)	SY	8,220	$2 50	$ 20,550 00	$3 02	$ 24 824 40	$1 40	$ 11 508 00	$1 25	$ 10 275 00	$2 00	$ 16 440 00
4	0104	REMOVING CONC & ASPHALT (DRIVEWAYS) (ALL THICKNESSES)	SY	1 645	$2 50	$ 4,112 50	$2 81	$ 4 622 45	$3 75	$ 6,168 75	$1 25	$ 2 056 25	$5 00	$ 8 225 00
5	0104	REMOVING CONC (WHEELCHAIR RAMP) (ALL THICKNESSES)	SY	265	$2 50	$ 662 50	$3 02	$ 800 30	$1 40	$ 371 00	$1 25	$ 331 25	$2 00	$ 530 00
6	0104	REMOVE CONC (PAVERS)	SY	260	$2 50	$ 650.00	$4 04	$ 1,050 40	$11 00	$ 2 860 00	$1 25	$ 325 00	$2 00	$ 520 00
7	0110	EXCAVATION (ROADWAY)	CY	1,880	$10 00	$ 18 800 00	$10.38	$ 19,514 40	$7 25	$ 13 630 00	$9 00	$ 16 920 00	$8 00	$ 15 040 00
8	0132	EMBANKMENT (FINAL)(DENS CONT)(TY A)	CY	1,938	$14 00	$ 27,132.00	$10 38	$ 20 [illegible]	$15 50	$ 30 039 00	$12 00	$ 23 256 00	$6 00	$ 11,628 00
9	0162	BLOCK SODDING	SY	4 557	$3 00	$ 13 671 00	$3 75	$ 17 088 75	$2 50	$ 11 392 50	$3 60	$ 16 405 20	$4 00	$ 18 228 00
10	0166	FERTILIZER	AC	0.94	$600 00	$ 564.00	$288 42	$ 271 11	$700 00	$ 658 00	$600 00	$ [illegible]	$600 00	$ 564 00
11	0168	VEGETATIVE WATERING	MG	113	$100 00	$ 11,300 00	$40 38	$ 4 562 94	$20 00	$ 2,260 00	$30 00	$ 3 390 00	$57 00	$ 6 441 00
12	0260	LIME (HYD COM OR QK) (SLRY) OR QK (DRY)	TON	565	$165 00	$ 93,225 00	$155 75	$ 87,998 75	$155 00	$ 87 575 00	$149 00	$ 84 185 00	$150.00	$ 84 750.00
13	0265	LIME OR LFA TREAT SUBGRADE(8")	SY	35 168	$2 00	$ 70,336 00	$2 88	$ 101 283.84	$2 25	$ 79 128.00	$2 30	$ 80 886 40	$2 00	$ 70 336 00
14	0360	CONC PVMT (JOINTED-CPCD)(8")(4000 psi)	SY	31,392	$32 00	$ 1 004 544 00	$32 59	$ 1 023,065 28	$33 50	$ 1 051,632.00	$42 00	$ 1,318,464 00	$44 00	$ 1 381,248.00
15	0416	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	30	$112 00	$ 3,360 00	$138.44	$ 4,153.20	$112 00	$ 3,360 00	$133 00	$ 3 990 00	$129 00	$ 3,870 00
16	0479	ADJ MANHS (SANITARY)	EA	3	$400 00	$ 1,200.00	$346 10	$ 1,038.30	$500 00	$ 1 500 00	$300 00	$ 900 00	$100 00	$ 300 00
17	0481	PVC PIPE (SCH 80)(3 IN)	LF	116	$20 00	$ 2 320 00	$13 84	$ 1 605 44	$18.00	$ 2 088 00	$13 00	$ 1 508 00	$24.00	$ 2 784 00
18	0500	MOBILIZATION (LIMIT TO 5% OF TOTAL BID)	LS	1	$96 373 00	$ 96,373 00	$33 456.39	$ 33 456 39	$140 000 00	$ 140,000 00	$115,000 00	$ 115 000 00	$150 000 00	$ 150 000 00
19	0502	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	10	$5 000.00	$ 50 000 00	$5 306.88	$ 53 068 80	$8 500 00	$ 85,000.00	$2 900.00	$ 29,000 00	$4 000 00	$ 40,000 00
20	0506	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	1 111	$13 00	$ 14 443 00	$13 84	$ 15 376 24	$3 35	$ 3,721 85	$12 00	$ 13,332 00	$15 00	$ 16 665 00
21	0506	CONSTRUCTION EXITS (REMOVE)	SY	1,111	$6 00	$ 6,666.00	$5 77	$ 6 410 47	$1 00	$ 1 111 00	$1 00	$ 1 111.00	$1 00	$ 1,111.00
22	0506	CONSTRUCTION PERIMETER FENCE	LF	156	$20 00	$ 3 120 00	$46.15	$ 7,199 40	$15 00	$ 2 340 00	$2 50	$ 390 00	$4 00	$ 624 00
23	0506	SANDBAGS FOR EROSION CONTROL	EA	176	$10 00	$ 1 760 00	$69 22	$ 12,182 72	$6 00	$ 1,056 00	$10 00	$ 1 760 00	$30 00	$ 5,280 00
24	0528	COLORED TEXTURED CONC (6")	SY	461	$60 00	$ 27,660 00	$31 03	$ 14,304 83	$97 25	$ 44,832 25	$56 00	$ 25,816.00	$54 00	$ 24 894 00
25	0528	LANDSCAPE PAVERS	SY	260	$60 00	$ 15,600 00	$71 41	$ 18 566 60	$82 50	$ 21 450.00	$60 00	$ 15 600 00	$82 00	$ 21,320.00
26	0529	CONC CURB (MONO) (TY II)	LF	8 850	$3 00	$ 26 550 00	$2 60	$ 23,010 00	$3 10	$ 27 435 00	$2 50	$ 22 125 00	$2.00	$ 17 700 00
27	0529	CONC CURB (DOWEL)	LF	1 200	$3 00	$ 3 600 00	$3 75	$ 4,500 00	$3 60	$ 4,320 00	$3 50	$ 4 200 00	$4 00	$ 4 800 00
28	0530	DRIVEWAYS (CONC)	SY	1,078	$36 00	$ 38,808 00	$37 78	$ 40,726.84	$45 80	$ 49 372 40	$55 00	$ 59 290 00	$43 00	$ 46,354 00
29	0531	CURB RAMPS (TY 1)	EA	64	$500 00	$ 32,000 00	$1,557 45	$ 99 676 80	$1 100 00	$ 70,400 00	$1,100 00	$ 70 400 00	$700 00	$ 44 800 00
30	0531	CONC SIDEWLKS (4")	SY	7,854	$30 00	$ 235 620 00	$34 61	$ 271 826 94	$30 85	$ 242 295 90	$47 70	$ 374 635 80	$36 00	$ 282 744 00
31	0536	CONC MEDIAN (MONO NOSE)	SY	4	$50 00	$ 200 00	$34 61	$ 138 44	$465 00	$ 1,860 00	$47 00	$ 188.00	$76 00	$ 304 00
32	0550	CHAIN LINK FENCE (REPAIR) (6)	LF	145	$10.00	$ 1,450 00	$46 15	$ 6 691 75	$15 00	$ 2 175 00	$12 00	$ 1,740 00	$20 00	$ 2,900 00
33	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	4	$1 800 00	$ 7,200 00	$2,249 65	$ 8 998 60	$1 750 00	$ 7 000 00	$2 765 00	$ 11,060 00	$2 000 00	$ 8 000 00
34	0618	CONDT (PVC) (SCHD 80) (3")	LF	345	$13 00	$ 4 485 00	$15 00	$ 5 175 00	$16 00	$ 5 520 00	$13 30	$ 4 588 50	$15 00	$ 5 175 00
35	0620	ELEC CONDUCTOR (NO 4) BARE	LF	10	$2 00	$ 20 00	$5 77	$ 57 70	$2 00	$ 20 00	$3 80	$ 38.00	$2 30	$ 23 00
36	0620	ELEC CONDUCTOR (NO 4) INSULATED	LF	20	$2 00	$ 40 00	$11 54	$ 230 80	$2 00	$ 40 00	$3 80	$ 76 00	$2 30	$ 46 00
37	0620	ELEC CONDUCTOR (NO 6) BARE	LF	505	$1 00	$ 505 00	$1 50	$ 757 50	$1 00	$ 505 00	$3 45	$ 1 742 25	$1 20	$ 606 00
38	0624	GROUND BOX TY C (122422) W/APRON	EA	5	$500 00	$ 2,500 00	$865 25	$ 4,326 25	$476 00	$ 2,380 00	$834 00	$ 4 170 00	$550 00	$ 2 750 00
39	0628	ELC SRV TY D 120/240 060 (NS)SS(E)SP(O)	EA	1	$3 000 00	$ 3 000 00	$3 674 43	$ 3 674 43	$2 715 00	$ 2 715 00	$2 559 00	$ 2 559 00	$3 000 00	$ 3 000 00
40	0636	ALUMINUM SIGNS (TY A)	SF	150	$26 00	$ 3 900 00	$32 88	$ 4 932 00	$1 00	$ 150.00	$38 00	$ 5 700 00	$39 00	$ 5 850 00

COUNTY OF GALVESTON
TEXAS CITY 6TH STREET RECONSTRUCTION
BID TABULATION
May 3 2011

*DENOTES MATHEMATICAL ERROR; ERRORS HAVE BEEN CORRECTED					R W LUCAS CONSTRUCTION LLC		NARRIS CONSTRUCTION CO , LTD		TRIPLE B SERVICES, L.L.P		METRO CITY CONSTRUCTION, LLP		SER CONSTRUCTION PARTNERS LLC	
41	0644	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	80	$400 00	$ 32 000 00	$334 56	$ 26 764 80	$290 00	$ 23 200 00	$322 00	$ 25 760 00	$330 00	$ 26,400 00
42	0666	REFL PAV MRK TY I (W) 4" (BRK) (100 MIL)	LF	620	$0 30	$ 186.00	$0 52	$ 322 40	$0 45	$ 279 00	$0 50	$ 310 00	$0 50	$ 310 00
43	0666	REFL PAV MRK TY I (W) 4" (SLD) (100 MIL)	LF	10 300	$0 40	$ 4 120 00	$0 52	$ 5 356 00	$0 40	$ 4 120 00	$0 43	$ 4 429 00	$0 40	$ 4,120 00
44	0666	REFL PAV MRK TY I (W) 8" (SLD) (100 MIL)	LF	725	$0 60	$ 435 00	$0 81	$ 587 25	$0 85	$ 616 25	$0 94	$ 681 50	$1 00	$ 725 00
45	0666	REFL PAV MRK TY I (W) 12" (SLD) (100 MIL)	LF	2 925	$2 00	$ 5 850 00	$2 31	$ 6 756 75	$2 80	$ 8 190 00	$3 10	$ 9 067 50	$3 00	$ 8 775 00
46	0666	REFL PAV MRK TY I (W) 24" (SLD) (100 MIL)	LF	148	$4 00	$ 592 00	$5 77	$ 853 96	$5 20	$ 769 60	$5.80	$ 858.40	$6 00	$ 888 00
47	0666	REFL PAV MRK TY I (W) (ARROW) (100 MIL)	EA	10	$80 00	$ 800 00	$144 21	$ 1 442 10	$150 00	$ 1 500 00	$167 00	$ 1,670 00	$170 00	$ 1,700 00
48	0666	REFL PAV MRK TY I (W) (DBL ARROW) (100 MIL)	EA	5	$126 00	$ 630 00	$173 05	$ 865 25	$160.00	$ 800 00	$178 00	$ 890 00	$184 00	$ 920 00
49	0666	REFL PAV MRK TY I (W) (WORD) (100 MIL)	EA	11	$85 00	$ 935 00	$173 05	$ 1 903 55	$150 00	$ 1 650 00	$167 00	$ 1 837 00	$170 00	$ 1 870 00
50	0666	REFL PAV MRK TY I (Y) 4" (SLD) (100 MIL)	LF	3 742	$0 40	$ 1,496 80	$0 40	$ 1,496 80	$0 45	$ 1 683 90	$0 50	$ 1,871 00	$0 50	$ 1,871 00
51	0666	REFL PAV MRKR TY I A	EA	124	$3 26	$ 404 24	$3 46	$ 429 04	$3 10	$ 384 40	$3 45	$ 427 80	$4 00	$ 496 00
52	0668	PREFAB PAV MRK (ACC PRK)(BLU & WHT)LRG	EA	4	$100 00	$ 400 00	$230 73	$ 922 92	$280 00	$ 1 120 00	$311 00	$ 1 244 00	$320 00	$ 1 280 00
53	0678	PAV SURF PREP FOR MRK (4")	LF	14 662	$0 05	$ 733 10	$0 03	$ 439 86	$0.05	$ 733 10	$0 05	$ 733 10	$0 20	$ 2 932 40
54	0678	PAV SURF PREP FOR MRK (8")	LF	725	$0 10	$ 72 50	$0 12	$ 87 00	$0 10	$ 72 50	$0 12	$ 87 00	$0 20	$ 145 00
55	0678	PAV SURF PREP FOR MRK (12")	LF	2,925	$0 26	$ 760 50	$0 08	$ 234 00	$0 15	$ 438 75	$0 14	$ 409 50	$0 20	$ 585 00
56	0678	PAV SURF PREP FOR MRK (24")	LF	148	$0 50	$ 74 00	$0 29	$ 42 92	$0 30	$ 44 40	$0 30	$ 44 40	$0 30	$ 44 40
57	0678	PAV SURF PREP FOR MRK (ARROW)	EA	10	$5 00	$ 50 00	$1 15	$ 11 50	$7 00	$ 70 00	$7 50	$ 75 00	$8 00	$ 80 00
58	0678	PAV SURF PREP FOR MRK (DBL ARROW)	EA	5	$7 00	$ 35.00	$1 15	$ 5 75	$8 00	$ 40 00	$9 35	$ 46 75	$9 00	$ 45 00
59	0678	PAV SURF PREP FOR MRK (SYMBOL)	EA	4	$5 00	$ 20.00	$1 15	$ 4 60	$7 00	$ 28.00	$7 50	$ 30 00	$8 00	$ 32 00
60	0678	PAV SURF PREP FOR MRK (WORD)	EA	11	$5 00	$ 55 00	$1 15	$ 12 65	$7 00	$ 77 00	$7 50	$ 82.50	$8 00	$ 88 00
61	0680	INSTALL OF HWY TRAF SIG (FLASH BEACON), WITH CONTROLLER (FLASHER W/CABINET) AND ROD (5/8 X 8 COPPER CLAD GROUND)	EA	1	$900 00	$ 900 00	$3 749 42	$ 3 749 42	$885 00	$ 885 00	$5,810 00	$ 5 810 00	$1 000 00	$ 1 000.00
62	0682	VEH SIG SEC (12 IN) LED (RED)	EA	4	$250 00	$ 1 000 00	$328 80	$ 1,315 20	$205 00	$ 820.00	$317 00	$ 1,268.00	$230.00	$ 920 00
63	0682	BACK PLATE (12 IN) (1 SEC)	EA	4	$50 00	$ 200 00	$98.06	$ 392 24	$47.00	$ 188 00	$44 50	$ 178 00	$54 00	$ 216.00
64	0684	TRF SIG CBL (TY A) (12 AWG) (2 CONDR)	LF	1,135	$1 00	$ 1 135 00	$1 38	$ 1,566 30	$0 80	$ 908.00	$1.50	$ 1 702.50	$1 00	$ 1 135 00
65	0684	TRF SIG CBL (TY A) (12 AWG) (3 CONDR)	LF	650	$1 00	$ 650 00	$1 56	$ 1,014 00	$1 00	$ 650 00	$1 80	$ 1,170 00	$1 20	$ 780 00
66	0687	PED POLE ASSEMBLY	EA	1	$1 500 00	$ 1,500 00	$1,274 80	$ 1,274 80	$1,400 00	$ 1,400.00	$1,335.00	$ 1,335.00	$1 600 00	$ 1 600 00
67	1014	LANDSCAPE AMENITY (TREE GRATE)	EA	83	$810 00	$ 67 230 00	$1,384 40	$ 114 905 20	$1,350 00	$ 112,050.00	$1,220 00	$ 101,260 00	$800 00	$ 66 400 00
68	1018	TREE PROTECTION (EXIST OAKS BETWEEN 3RD AVE N & 4TH AVE N)	EA	11	$100 00	$ 1 100 00	$346 10	$ 3,807 10	$675.00	$ 7 425 00	$110 00	$ 1,210 00	$230 00	$ 2 530 00
69	6007	REMOVING TRAFFIC SIGNALS	EA	1	$1 500 00	$ 1,500 00	$3,172 59	$ 3 172 59	$1 500.00	$ 1 500 00	$4,671 00	$ 4,671 00	$1 700 00	$ 1 700 00
		SUBTOTAL, ROADWAY WORK				**$ 2,078,431 14**		**$ 2 240,934 37**		**$ 2,374,522 95**		**$ 2,552,455.00**		**$ 2,747,517 80**
		WATERLINE IMPROVEMENTS												
70	02664	2" PVC (SCH 80) CLASS 200, WATER LINE BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS INCLUDING FITTINGS AND RESTRAINTS	LF	50	$50 00	$ 2,500 00	$26 53	$ 1,326 50	$35 00	$ 1 750 00	$28 00	$ 1 400 00	$50 00	$ 2 500 00
71	02664	6" PVC (AWWA C-900) CLASS 150 WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION ALL DEPTHS INCLUDING FITTINGS AND RESTRAINTS	LF	180	$65 00	$ 11 700 00	$44 99	$ 8,098 20	$40 00	$ 7 200 00	$34 00	$ 6 120 00	$47 00	$ 8 460 00
72	02664	8" PVC (AWWA C-900) CLASS 150 WATER LINE BY OPEN CUT OR AUGER CONSTRUCTION ALL DEPTHS INCLUDING FITTINGS AND RESTRAINTS	LF	4 105	$68 00	$ 279 140 00	$56 07	$ 230,167 35	$51 50	$ 211 407 50	$27 00	$ 110 835 00	$45 00	$ 184 725 00

COUNTY OF GALVESTON
TEXAS CITY 6TH STREET RECONSTRUCTION
BID TABULATION
May 3 2011

DENOTES MATHEMATICAL ERROR; ERRORS HAVE BEEN CORRECTED					R W LUCAS CONSTRUCTION LLC		HARRIS CONSTRUCTION CO LTD		TRIPLE B SERVICES, L.L.P		METRO CITY CONSTRUCTION LLP		SER CONSTRUCTION PARTNERS LLC	
73	02664	12" PVC (AWWA C 900) CLASS 150 WATER LINE BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	260	$85 00	$ 22 100 00	$46 15	$ 11,999 00	$70 00	$ 18 200 00	$44 00	$ 11 440 00	$70 00	$ 18,200 00
74	02640	8 INCH GATE VALVES, AWWA C509 MECHANICAL JOINT, RESILIENT WEDGE NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	29	$1 500 00	$ 43 500 00	$1,492 85	$ 43 292 65	$1 250 00	$ 36 250 00	$1 286.00	$ 37 294 00	$1 200 00	$ 34,800 00
75	02640	12 INCH GATE VALVES AWWA C509 MECHANICAL JOINT RESILIENT WEDGE NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	2	$2 400 00	$ 4 800 00	$2 682 28	$ 5 364 56	$2,500 00	$ 5 000 00	$2 976 00	$ 5 952 00	$3 300 00	$ 6 600 00
76	02645	FIRE HYDRANT ASSEMBLY, AWWA C502, MECHANICAL JOINT INLET, INCLUDING 6" GATE VALVE AND LEAD PIPE	EA	8	$4 000 00	$ 32,000 00	$3 985 93	$ 31 887 44	$3 500 00	$ 28 000 00	$3 185 00	$ 25 480 00	$3 100 00	$ 24 800 00
77	02645	REMOVE AND SALVAGE EXISTING FIRE HYDRANT AND VALVE INCLUDING DELIVERING REMOVED HYDRANT AND VALVE TO THE CITY'S STORAGE YARD	EA	7	$400 00	$ 2 800 00	$576 83	$ 4 037 81	$200 00	$ 1,400 00	$109 00	$ 763 00	$200 00	$ 1 400 00
78	02669	ABANDON EXISTING WATER VALVES, ALL SIZES	EA	9	$50 00	$ 450 00	$173 05	$ 1 557 45	$200 00	$ 1 800 00	$508 00	$ 4 572 00	$1 00	$ 9 00
79	02626	8"X8" TAPPING SLEEVE AND VALVE ASSEMBLY INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	2	$6 000 00	$ 12 000 00	$4 268 57	$ 8 537 14	$4,200 00	$ 8 400 00	$3 177 00	$ 6 354 00	$3 300 00	$ 6 600.00
80	02667	2" WET CONNECTION INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	3	$1 000 00	$ 3 000 00	$259 58	$ 778 74	$325 00	$ 975 00	$116 00	$ 348 00	$200 00	$ 600 00
81	02667	6" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	9	$1,600 00	$ 14,400 00	$461 47	$ 4 153 23	$550 00	$ 4 950.00	$687 00	$ 6 183 00	$400 00	$ 3 600 00
82	02667	8" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	6	$1 800 00	$ 10 800.00	$605 68	$ 3,634 08	$775 00	$ 4 650 00	$870 00	$ 5 220 00	$600 00	$ 3 600 00
83	02667	12" WET CONNECTION INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	1	$3 000 00	$ 3 000 00	$865 25	$ 865 25	$1 050 00	$ 1,050 00	$1,217 00	$ 1 217 00	$900 00	$ 900 00
84	02665	1" SINGLE LONG SIDE SERVICE RECONNECTION	EA	5	$1 650 00	$ 8 250 00	$1 730 50	$ 8 652 50	$625 00	$ 3 125 00	$1 100 00	$ 5 500 00	$900 00	$ 4 500.00
85	02665	1" SINGLE SHORT SIDE SERVICE RECONNECTION	EA	5	$1 100 00	$ 5 500 00	$1 153 67	$ 5 768 35	$430 00	$ 2 150 00	$750 00	$ 3 750 00	$400 00	$ 2 000 00
86	02669	CUT AND PLUG AND ABANDON EXISTING 2" WATER LINE	EA	2	$500 00	$ 1 000 00	$230 73	$ 461 46	$1 00	$ 2 00	$30 00	$ 60 00	$150 00	$ 300 00
87	02669	CUT AND PLUG AND ABANDON EXISTING 6" WATER LINE	EA	10	$700 00	$ 7 000 00	$248.04	$ 2 480 40	$50 00	$ 500 00	$186 00	$ 1,860 00	$210 00	$ 2 100 00
88	02669	CUT AND PLUG AND ABANDON EXISTING 8" WATER LINE	EA	6	$800 00	$ 4 800 00	$259 58	$ 1 557 48	$75 00	$ 450 00	$238 00	$ 1 428 00	$220 00	$ 1 320 00

COUNTY OF GALVESTON
TEXAS CITY 6TH STREET RECONSTRUCTION
BID TABULATION
May 3 2011

DENOTES MATHEMATICAL ERROR, ERRORS HAVE BEEN CORRECTED					R W LUCAS CONSTRUCTION, LLC		HARRIS CONSTRUCTION CO , LTD		TRIPLE B SERVICES, L.L.P		METRO CITY CONSTRUCTION, LLP		SER CONSTRUCTION PARTNERS, LLC	
89	02571	REMOVE AND REPLACE ASPHALT ROADWAY ASPHALT ROADWAY INCLUDING 2" MINIMUM THICKNESS HMAC TYPE D & MINIMUM THICKNESS BLACK BASE SAWCUTTING TACK COAT AND EXCAVATION	SY	350	$50 00	$ 17,500 00	$62 59	$ 21,906 50	$66 95	$ 23 432 50	$40 00	$ 14 000 00	$33 00	$ 11 550 00
90	02571	REMOVE AND REPLACE 8-INCH THICK CONCRETE ROADWAY INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	350	$90 00	$ 31 500 00	$49 03	$ 17 160 50	$55 00	$ 19 250 00	$50 00	$ 17 500 00	$50 00	$ 17 500 00
91	02571	REMOVE AND REPLACE 4-INCH THICK CONCRETE ROADWAY INCLUDING SAWCUTTING, CURBS SUBGRADE REINFORCEMENT AND JOINTS	SY	250	$68 00	$ 17 000 00	$34 32	$ 8 580 00	$43 50	$ 10 875 00	$50 00	$ 12,500 00	$42 00	$ 10 500 00
92	02571	REMOVE AND REPLACE 6-INCH THICK CONCRETE ROADWAY INCLUDING SAWCUTTING CURBS SUBGRADE REINFORCEMENT AND JOINTS	SY	50	$82 00	$ 4,100 00	$42 11	$ 2 105 50	$55 80	$ 2 790 00	$50 00	$ 2,500 00	$48 00	$ 2 400 00
93	01526	TRENCH SAFETY FOR ALL WATER LINE GREATER THAN 5' DEEP, INCLUDING INSTALLATION OPERATION AND REMOVAL	LF	500	$1 00	$ 500 00	$9 23	$ 4 615 00	$0 10	$ 50 00	$0 10	$ 50 00	$1 00	$ 500 00
94	01025	MISCELLANEOUS ALLOWANCE AS DIRECTED BY THE ENGINEER	LS	1	$20 000 00	$ 20 000 00	$20 000 00	$ 20 000 00	$20 000 00	$ 20 000 00	$20,000 00	$ 20,000 00	$20,000 00	$ 20 000 00
		SUBTOTAL, WATERLINE IMPROVEMENTS				**$ 559,340 00**		**$ 448,987 09**		**$ 413,657 00**		**$ 302,326.00**		**$ 369,464 00**
		SOIL MANAGEMENT PLAN												
95	02664	PREPARATORY WORK IN POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA) INCLUDING PREPARING ENVIRONMENTAL HEALTH AND SAFETY PLAN, PREPARING ENVIRONMENTAL WORK PLAN TRAINING PERSONNEL, AND OBTAINING PERMITS AND ADDITIONAL INSURANCE AS APPLICABLE TO THE WORK	LS	1	$50 000 00	$ 50 000 00	$6 922 01	$ 6 922 01	$15 000 00	$ 15 000 00	$5 000 00	$ 5 000 00	$17 250 00	$ 17 250 00
96	02664	MONITORING AND FIELD SCREENING WITHIN THE PPCA	LS	1	$10 000 00	$ 10 000 00	$8 075 68	$ 8 075 68	$5 000 00	$ 5,000.00	$5,000 00	$ 5,000.00	$17 250 00	$ 17 250 00
		SUBTOTAL, SOIL MANAGEMENT PLAN				**$ 60,000 00**		**$ 14,997 69**		**$ 20,000.00**		**$ 10,000 00**		**$ 34,500 00**
		TOTAL BASE BID				**$ 2,697,771 14**		**$ 2,704,919.15**		**$ 2,808,179 95**		**$ 2,844,781.00**		**$ 3,151,481.80**

COUNTY OF GALVESTON
TEXAS CITY 6TH STREET RECONSTRUCTION
BID TABULATION
May 3 2011

DENOTES MATHEMATICAL ERROR/ERRORS HAVE BEEN CORRECTED

ADDITIVE ALTERNATES

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	R W LUCAS CONSTRUCTION LLC UNIT PRICE	COST IN FIGURES	HARRIS CONSTRUCTION CO LTD UNIT PRICE	COST IN FIGURES	TRIPLE B SERVICES, L L P UNIT PRICE	COST IN FIGURES	METRO CITY CONSTRUCTION LLP UNIT PRICE	COST IN FIGURES	SER CONSTRUCTION PARTNERS, LLC UNIT PRICE	COST IN FIGURES
		ADDITIVE ALTERNATE NO 1 - TREE REMOVAL AND REPLACEMENT												
1	0193	PLANT REPLACEMENT (TREES ALL SIZES)	EA	145	$300 00	$ 43 500 00	$432 63	$ 62 731.35	$615 00	$ 89 175 00	$556 00	$ 80 620 00	$340 00	$ 49,300 00
		SUBTOTAL, ADDITIVE ALTERNATE NO 1				**$ 43,500.00**		**$ 62,731 35**		**$ 89,175.00**		**$ 80,620.00**		**$ 49,300 00**
		ADDITIVE ALTERNATE NO 2 DECORATIVE STREET LIGHTING												
1	0416	DRILL SHAFT (SIGN MTS) (18 IN)	LF	402	$50 00	$ 20 100 00	$109 60	$ 44 059 20	$110 00	$ 44 220 00	$122 00	$ 49,044 00	$200 00	$ 80,400 00
2	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	128	$2 200 00	$ 281,600 00	$2,133 71	$ 273,114 88	$2 150 00	$ 275 200 00	$1 800 00	$ 230,400 00	$2,400 00	$ 307 200 00
3	0610	REMOVE RD IL ASM (SPECIAL)	EA	43	$90 00	$ 3 870 00	$337 45	$ 14 510 35	$85 00	$ 3 655 00	$859 00	$ 36 937 00	$98 00	$ 4,214 00
4	0618	CONDT (PVC) (SCHD 40) (2")	LF	7 410	$8.00	$ 59 280.00	$6 50	$ 48 165 00	$7 60	$ 56,316 00	$9.00	$ 66 690 00	$9 00	$ 66,690 00
5	0620	ELEC CONDR (NO 8) BARE	LF	7,410	$1 00	$ 7 410 00	$0.99	$ 7 335 90	$0 60	$ 4 446 00	$1 45	$ 10 744 50	$0 90	$ 6,669 00
6	0620	ELEC CONDR (NO 8) INSULATED	LF	14 950	$1.20	$ 17,940 00	$1 14	$ 17 043 00	$1.10	$ 16 445.00	$1 45	$ 21 677 50	$1 30	$ 19 435 00
7	0624	GROUND BOX TY A (122311) W/APRON	EA	13	$500 00	$ 6 500 00	$612 60	$ 7,963 80	$445 00	$ 5 785 00	$834 00	$ 10 842 00	$500 00	$ 6 500 00
8	0628	ELC SRV TY A 120/240 100 (NS)SS(E)GC(O)	EA	2	$700 00	$ 1 400.00	$4,067 26	$ 8,134 52	$3,400 00	$ 6 800 00	$3 560 00	$ 7 120 00	$3 900 00	$ 7 800 00
		SUBTOTAL, ADDITIVE ALTERNATE NO 2				**$ 398,100 00**		**$ 470,326 65**		**$ 412,867 00**		**$ 433,455 00**		**$ 498,908 00**
		TOTAL ADDITIVE ALTERNATES				**$ 441,600 00**		**$ 483,058 00**		**$ 502,042.00**		**$ 514,075 00**		**$ 548,208 00**

SUPPLEMENTAL UNIT PRICE ITEMS (REQUIRE APPROVAL FROM THE ENGINEER PRIOR TO BEING USED)

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE	COST IN FIGURES	UNIT PRICE	COST IN FIGURES	UNIT PRICE	COST IN FIGURES	UNIT PRICE	COST IN FIGURES	UNIT PRICE	COST IN FIGURES
		ROADWAY CONSTRUCTION												
1	0265	FLY ASH FOR SUBGRADE PREP	TON	800	$100 00	$ 80 000 00	$62 30	$ 49 840 00	$80.00	$ 64 000 00	$58.00	$ 46 400 00	$80 00	$ 64,000 00
2	0624	GROUND BOX TY D (162922)	EA	1	$700 00	$ 700 00	$865 25	$ 865 25	$610 00	$ 610.00	$834 00	$ 834.00	$700.00	$ 700 00
3	0684	TRF SIG CBL (TY C) (14 AWG) (2 CONDR)	LF	600	$1 00	$ 600 00	$1 15	$ 690 00	$0.80	$ 480 00	$2 00	$ 1,200 00	$1 00	$ 600 00
4	0688	VEH LP DETECT (SAWCUT)	LF	300	$10 00	$ 3 000 00	$9 23	$ 2 769 00	$8 00	$ 2,400.00	$8.90	$ 2,670.00	$9 00	$ 2 700 00
5	03061	FAST TRK CONC (CONT REINF HY STL) 11 '	SY	12,000	$52 00	$ 624 000 00	$46 57	$ 558,840 00	$68 75	$ 825,000 00	$76.00	$ 912,000 00	$56 00	$ 672 000 00
		SOIL MANAGEMENT PLAN												
6	02664	SURCHARGE FOR EXCAVATION OF CONTAMINATED MATERIAL	CY	300	$100 00	$ 30 000 00	$2 31	$ 693 00	$10 00	$ 3 000 00	$5 00	$ 1 500 00	$34 50	$ 10,350.00
7	02664	DISPOSAL OF CLASS II CONTAMINATED SOIL (INCLUDING LOADING TRANSPORTATION AND DISPOSAL)	CY	150	$250 00	$ 37 500 00	$35 76	$ 5,364 00	$95 00	$ 14,250 00	$55 00	$ 8 250 00	$63 00	$ 9 450 00
8	02664	DISPOSAL OF CLASS I CONTAMINATED SOIL (INCLUDING LOADING TRANSPORTATION AND DISPOSAL)	CY	150	$350 00	$ 52,500 00	$62 30	$ 9,345 00	$65 00	$ 9 750 00	$66 00	$ 9 900 00	$75 00	$ 11 250 00
9	02664	CONTAMINATED WATER DISPOSAL	GAL	2 000	$5 00	$ 10 000 00	$0 92	$ 1,840 00	$3 00	$ 6 000 00	$1 00	$ 2 000 00	$11 50	$ 23 000 00
		TOTAL SUPPLEMENTAL UNIT PRICE ITEMS				**$ 838,300.00**		**$ 630,246 25**		**$ 925,490 00**		**$ 984,754 00**		**$ 794,050 00**

TOTAL BASE BID						$ 2 697 771 14		[illegible]		$ 2 808,179 95		[illegible]		$ 3 151 481 80
TOTAL ADDITIVE ALTERNATES BID						$ 441 600 00		$ 483,058 00		$ 502 042 00		$ 514,075 00		$ 548 208 00
TOTAL - BASE BID + ADDITIVE ALTERNATES BID						$ 3 139 371 14		[illegible]		$ 3 310 221 95		[illegible]		$ 3 699,689 80
TOTAL SUPPLEMENTAL UNIT PRICE ITEMS						$ 838 300 00		$ 630 246 25		$ 925 490 00		$ 984 754 00		$ 794 050 00

COPY

BID NUMBER B111042

BID PROPOSAL

The bidder hereby proposes to furnish all labor, material, equipment and incidentals for
TEXAS CITY 6TH STREET RECONSTRUCTION
Enclosed is a Certified Check, Cashier's Check or Bid Bond in the sum of 5% of the greatest amount bid

Bidder agrees to perform in accordance with the requirements of the contract documents in consideration of payment by the County of the prices in this proposal.

IN CASE OF DISCREPANCY BETWEEN UNIT PRICES AND EXTENDED PRICES, UNIT PRICES WILL GOVERN.

This bid sheet must be completely filled out in ink or typewritten with any necessary supplemental information attached.

The undersigned hereby agrees to all of the foregoing terms and provisions and to all terms and provisions of the contract, if awarded, which includes all provisions of Sections I - VI of this bid package

BIDDER	RW Lucas Construction, LLC
SIGNATURE	
PRINT NAME	Ryan Lucas
TITLE	President
ADDRESS	551 C League City Parkway
CITY, STATE	League City, Texas
ZIP	77539
TELEPHONE	281-316-9990
FAX NO	281-316-6087
DATE	May 3, 2011
TAX I D No	27-3076189

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY WORK					
1	0100	PREPARING ROW	STA	48	Five hundred DOLLARS AND zero CENTS	$500 00	$24,000 00
2	0104	REMOVING CONC & ASPHALT (PAVING) (ALL THICKNESSES)	SY	32,656	Two DOLLARS AND fifty CENTS	$2 50	$81,640 00
3	0104	REMOVING CONC (SIDEWALKS) (ALL THICKNESSES)	SY	8,220	Two DOLLARS AND fifty CENTS	$2 50	$20,550 00
4	0104	REMOVING CONC & ASPHALT (DRIVEWAYS) (ALL THICKNESSES)	SY	1,645	Two DOLLARS AND fifty CENTS	$2 50	$4,112 50
5	0104	REMOVING CONC (WHEELCHAIR RAMP) (ALL THICKNESSES)	SY	265	Two DOLLARS AND fifty CENTS	$2 50	$662 50
6	0104	REMOVE CONC (PAVERS)	SY	260	Two DOLLARS AND fifty CENTS	$2 50	$650 00
7	0110	EXCAVATION (ROADWAY)	CY	1,880	Ten DOLLARS AND zero CENTS	$10 00	$18,800 00
8	0132	EMBANKMENT (FINAL)(DENS CONT)(TY A)	CY	1,938	Fourteen DOLLARS AND zero CENTS	$14 00	$27,132 00
9	0162	BLOCK SODDING	SY	4,557	Three DOLLARS AND zero CENTS	$3 00	$13,671 00
10	0166	FERTILIZER	AC	0.94	Six hundred DOLLARS AND zero CENTS	$600 00	$564 00
11	0168	VEGETATIVE WATERING	MG	113	One hundred DOLLARS AND zero CENTS	$100 00	$11,300 00
12	0260	LIME (HYD, COM OR QK) (SLRY) OR QK (DRY)	TON	565	One hundred sixty five DOLLARS AND zero CENTS	$165 00	$93,225 00
13	0265	LIME OR LFA TREAT SUBGRADE(8")	SY	35,168	Two DOLLARS AND zero CENTS	$2 00	$70,336 00
14	0360	CONC PVMT (JOINTED-CPCD)(8")(4000 psi)	SY	31,392	Thirty two DOLLARS AND zero CENTS	$32 00	$1,004,544 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
15	0416	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	30	One hundred twelve DOLLARS AND zero CENTS	$112 00	$3,360 00
16	0479	ADJ MANHS (SANITARY)	EA	3	Four hundred DOLLARS AND zero CENTS	$400 00	$1,200 00
17	0481	PVC PIPE (SCH 80)(3 IN)	LF	116	Twenty DOLLARS AND zero CENTS	$20 00	$2,320 00
18	0500	MOBILIZATION (LIMIT TO 5% OF TOTAL BID)	LS	1	Ninety six thousand three hundred seventy three DOLLARS AND zero CENTS	$96,373 00	$96,373 00
19	0502	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	10	Five thousand DOLLARS AND zero CENTS	$5,000 00	$50,000 00
20	0506	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	1,111	Thirteen DOLLARS AND zero CENTS	$13 00	$14,443 00
21	0506	CONSTRUCTION EXITS (REMOVE)	SY	1,111	Six DOLLARS AND zero CENTS	$6 00	$6,666 00
22	0506	CONSTRUCTION PERIMETER FENCE	LF	156	Twenty DOLLARS AND zero CENTS	$20 00	$3,120 00
23	0506	SANDBAGS FOR EROSION CONTROL	EA	176	Ten DOLLARS AND zero CENTS	$10 00	$1,760 00
24	0528	COLORED TEXTURED CONC (6")	SY	461	Sixty DOLLARS AND zero CENTS	$60 00	$27,660 00
25	0528	LANDSCAPE PAVERS	SY	260	Sixty DOLLARS AND zero CENTS	$60 00	$15,600 00
26	0529	CONC CURB (MONO) (TY II)	LF	8,850	Three DOLLARS AND zero CENTS	$3 00	$26,550 00
27	0529	CONC CURB (DOWEL)	LF	1,200	Three DOLLARS AND zero CENTS	$3 00	$3,600 00
28	0530	DRIVEWAYS (CONC)	SY	1,078	Thirty six DOLLARS AND zero CENTS	$36 00	$38,808 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO.	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
29	0531	CURB RAMPS (TY 1)	EA	64	Five hundred DOLLARS AND zero CENTS	$500 00	$32,000 00
30	0531	CONC SIDEWLKS (4")	SY	7,854	Thirty DOLLARS AND zero CENTS	$30 00	$235,620 00
31	0536	CONC MEDIAN (MONO NOSE)	SY	4	Ffity DOLLARS AND zero CENTS	$50 00	$200 00
32	0550	CHAIN LINK FENCE (REPAIR) (6')	LF	145	Ten DOLLARS AND zero CENTS	$10 00	$1,450 00
33	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	4	One thousand eight hundred DOLLARS AND zero CENTS	$1,800 00	$7,200 00
34	0618	CONDT (PVC) (SCHD 80) (3")	LF	345	Thirteen DOLLARS AND zero CENTS	$13 00	$4,485 00
35	0620	ELEC CONDUCTOR (NO 4) BARE	LF	10	Two DOLLARS AND zero CENTS	$2 00	$20 00
36	0620	ELEC CONDUCTOR (NO 4) INSULATED	LF	20	Two DOLLARS AND zero CENTS	$2 00	$40 00
37	0620	ELEC CONDUCTOR (NO 6) BARE	LF	505	One DOLLARS AND zero CENTS	$1 00	$505 00
38	0624	GROUND BOX TY C (122422) W/APRON	EA	5	Five hundred DOLLARS AND zero CENTS	$500 00	$2,500 00
39	0628	ELC SRV TY D 120/240 060 (NS)SS(E)SP(O)	EA	1	Three thousand DOLLARS AND zero CENTS	$3,000 00	$3,000 00
40	0636	ALUMINUM SIGNS (TY A)	SF	150	Twenty six DOLLARS AND zero CENTS	$26 00	$3,900 00
41	0644	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	80	Four hundred DOLLARS AND zero CENTS	$400 00	$32,000 00
42	0666	REFL PAY MRK TY I (W) 4" (BRK) (100 MIL)	LF	620	Zero DOLLARS AND thirty CENTS	$0 30	$186 00

34

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
43	0666	REFL PAV MRK TY I (W) 4" (SLD) (100 MIL)	LF	10,300	Zero DOLLARS AND forty CENTS	$0 40	$4,120 00
44	0666	REFL PAV MRK TY I (W) 8" (SLD) (100 MIL)	LF	725	Zero DOLLARS AND sixty CENTS	$0 60	$435 00
45	0666	REFL PAV MRK TY I (W) 12" (SLD) (100 MIL)	LF	2,925	Two DOLLARS AND zero CENTS	$2 00	$5,850 00
46	0666	REFL PAV MRK TY I (W) 24" (SLD) (100 MIL)	LF	148	Four DOLLARS AND zero CENTS	$4 00	$592 00
47	0666	REFL PAV MRK TY I (W) (ARROW) (100 MIL)	EA	10	Eighty DOLLARS AND zero CENTS	$80 00	$800 00
48	0666	REFL PAV MRK TY I (W) (DBL ARROW) (100 MIL)	EA	5	One hundred twenty six DOLLARS AND zero CENTS	$126 00	$630 00
49	0666	REFL PAV MRK TY I (W) (WORD) (100 MIL)	EA	11	Eighty five DOLLARS AND zero CENTS	$85 00	$935 00
50	0666	REFL PAV MRK TY I (Y) 4" (SLD) (100 MIL)	LF	3,742	Zero DOLLARS AND forty CENTS	$0 40	$1,496 80
51	0666	REFL PAV MRKR TY I-A	EA	124	Three DOLLARS AND twenty six CENTS	$3 26	$404 24
52	0668	PREFAB PAV MRK (ACC PRK)(BLU & WHT)LRG	EA	4	One hundred DOLLARS AND zero CENTS	$100 00	$400 00
53	0678	PAV SURF PREP FOR MRK (4")	LF	14,662	Zero DOLLARS AND five CENTS	$0 05	$733 10
54	0678	PAV SURF PREP FOR MRK (8")	LF	725	Zero DOLLARS AND ten CENTS	$0 10	$72 50
55	0678	PAV SURF PREP FOR MRK (12")	LF	2,925	Zero DOLLARS AND twenty six CENTS	$0 26	$760 50
56	0678	PAV SURF PREP FOR MRK (24")	LF	148	Zero DOLLARS AND fifty CENTS	$0 50	$74 00

35

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
57	0678	PAV SURF PREP FOR MRK (ARROW)	EA	10	Five DOLLARS AND zero CENTS	$5 00	$50 00
58	0678	PAV SURF PREP FOR MRK (DBL ARROW)	EA	5	Seven DOLLARS AND zero CENTS	$7 00	$35 00
59	0678	PAV SURF PREP FOR MRK (SYMBOL)	EA	4	Five DOLLARS AND zero CENTS	$5 00	$20 00
60	0678	PAV SURF PREP FOR MRK (WORD)	EA	11	Five DOLLARS AND zero CENTS	$5 00	$55 00
61	0680	INSTALL OF HWY TRAF SIG (FLASH BEACON), WITH CONTROLLER (FLASHER W/CABINET), AND ROD (5/8" X 8' COPPER CLAD GROUND)	EA	1	Nine hundred DOLLARS AND zero CENTS	$900 00	$900 00
62	0682	VEH SIG SEC (12 IN) LED (RED)	EA	4	Two hundred fifty DOLLARS AND zero CENTS	$250 00	$1,000 00
63	0682	BACK PLATE (12 IN) (1 SEC)	EA	4	Fifty DOLLARS AND zero CENTS	$50 00	$200 00
64	0684	TRF SIG CBL (TY A) (12 AWG) (2 CONDR)	LF	1,135	One DOLLARS AND zero CENTS	1 00	$1,135 00
65	0684	TRF SIG CBL (TY A) (12 AWG) (3 CONDR)	LF	650	One DOLLARS AND zero CENTS	$1 00	$650 00
66	0687	PED POLE ASSEMBLY	EA	1	One thousand five hundred DOLLARS AND zero CENTS	$1,500 00	$1,500 00
67	1014	LANDSCAPE AMENITY (TREE GRATE)	EA	83	Eight hundred ten DOLLARS AND zero CENTS	$810 00	$67,230 00
68	1018	TREE PROTECTION (EXIST OAKS BETWEEN 3RD AVE N & 4TH AVE N)	EA	11	One hundred DOLLARS AND zero CENTS	$100 00	$1,100 00
69	6007	REMOVING TRAFFIC SIGNALS	EA	1	One thousand five hundred DOLLARS AND zero CENTS	$1,500 00	$1,500 00
		SUBTOTAL, ROADWAY WORK					$2,078,431 14

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO.	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		WATERLINE IMPROVEMENTS					
70	02664	2" PVC (SCH 80) CLASS 200, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS , INCLUDING FITTINGS AND RESTRAINTS	LF	50	Fifty DOLLARS AND zero CENTS	$50 00	$2,500 00
71	02664	6" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	180	Sixty Five DOLLARS AND zero CENTS	$65 00	$11,700 00
72	02664	8" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	4,105	Sixty eight DOLLARS AND zero CENTS	$68 00	$279,140 00
73	02664	12" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	260	Eighty five DOLLARS AND zero CENTS	$85 00	$22,100 00
74	02640	8-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	29	One thousand five hundred DOLLARS AND zero CENTS	$1,500 00	$43,500 00
75	02640	12-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	2	Two thousand four hundred DOLLARS AND zero CENTS	$2,400 00	$4,800 00
76	02645	FIRE HYDRANT ASSEMBLY, AWWA C502, MECHANICAL JOINT INLET, INCLUDING 6" GATE VALVE AND LEAD PIPE	EA	8	Four thousand DOLLARS AND zero CENTS	$4,000 00	$32,000 00
77	02645	REMOVE AND SALVAGE EXISTING FIRE HYDRANT AND VALVE, INCLUDING DELIVERING REMOVED HYDRANT AND VALVE TO THE CITY'S STORAGE YARD	EA	7	Four hundred DOLLARS AND zero CENTS	$400 00	$2,800 00
78	02669	ABANDON EXISTING WATER VALVES, ALL SIZES	EA	9	Fifty DOLLARS AND zero CENTS	$50 00	$450 00
79	02626	8"X8" TAPPING SLEEVE AND VALVE ASSEMBLY, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	2	Six thousand DOLLARS AND zero CENTS	$6,000 00	$12,000 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
80	02667	2" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	3	One thousand DOLLARS AND zero CENTS	$1,000 00	$3,000 00
81	02667	6" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	9	One thousand six hundred DOLLARS AND zero CENTS	$1,600.00	$14,400 00
82	02667	8" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	6	One thousand eight hundred DOLLARS AND zero CENTS	$1,800 00	$10,800 00
83	02667	12" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	1	Three thousand DOLLARS AND zero CENTS	$3,000 00	$3,000 00
84	02665	1" SINGLE LONG SIDE SERVICE RECONNECTION	EA	5	One thousand six hundred fifty DOLLARS AND zero CENTS	$1,650 00	$8,250 00
85	02665	1" SINGLE SHORT SIDE SERVICE RECONNECTION	EA	5	One thousand one hundred DOLLARS AND zero CENTS	$1,100 00	$5,500 00
86	02669	CUT AND PLUG AND ABANDON EXISTING 2" WATER LINE	EA	2	Five hundred DOLLARS AND zero CENTS	$500 00	$1,000 00
87	02669	CUT AND PLUG AND ABANDON EXISTING 6" WATER LINE	EA	10	Seven hundred DOLLARS AND zero CENTS	$700 00	$7,000 00
88	02669	CUT AND PLUG AND ABANDON EXISTING 8" WATER LINE	EA	6	Eight hundred DOLLARS AND zero CENTS	$800 00	$4,800 00
89	02571	REMOVE AND REPLACE ASPHALT ROADWAY ASPHALT ROADWAY, INCLUDING 2" MINIMUM THICKNESS HMAC TYPE D, 8" MINIMUM THICKNESS BLACK BASE, SAWCUTTING, TACK COAT AND EXCAVATION	SY	350	Ffity DOLLARS AND zero CENTS	$50 00	$17,500 00
90	02571	REMOVE AND REPLACE 8-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	350	Ninety DOLLARS AND zero CENTS	$90 00	$31,500 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
91	02571	REMOVE AND REPLACE 4-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	250	Sixty eight DOLLARS AND zero CENTS	$68 00	$17,000 00
92	02571	REMOVE AND REPLACE 6-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING CURBS, SUBGRADE, REINFORCEMENT, AND JOINTS	SY	50	Eighty two DOLLARS AND zero CENTS	$82 00	$4,100 00
93	01526	TRENCH SAFETY FOR ALL WATER LINE GREATER THAN 5' DEEP, INCLUDING INSTALLATION, OPERATION AND REMOVAL	LF	500	One DOLLARS AND zero CENTS	$1 00	$500 00
94	01025	MISCELLANEOUS ALLOWANCE, AS DIRECTED BY THE ENGINEER	LS	1	TWENTY THOUSAND DOLLARS AND ZERO CENTS	$20,000.00	$ 20,000
		SUBTOTAL, WATERLINE IMPROVEMENTS					$559,340 00
		SOIL MANAGEMENT PLAN					
95	02664	PREPARATORY WORK IN POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA) INCLUDING PREPARING ENVIRONMENTAL HEALTH AND SAFETY PLAN, PREPARING ENVIRONMENTAL WORK PLAN, TRAINING PERSONNEL, AND OBTAINING PERMITS AND ADDITIONAL INSURANCE AS APPLICABLE TO THE WORK	LS	1	Fifty thousand DOLLARS AND zero CENTS	$50,000 00	$50,000 00
96	02664	MONITORING AND FIELD SCREENING WITHIN THE PPCA	LS	1	Ten thousand DOLLARS AND zero CENTS	$10,000 00	$10,000 00
		SUBTOTAL, SOIL MANAGEMENT PLAN					$60,000 00
		TOTAL BASE BID					$2,697,771 14

39

BID FORM

TEXAS CITY 6TH STREET RECONSTRUCTION

ADDITIVE ALTERNATES

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ADDITIVE ALTERNATE NO. 1 - TREE REMOVAL AND REPLACEMENT					
1	0193	PLANT REPLACEMENT (TREES, ALL SIZES)	EA	145	Three hundred DOLLARS AND zero CENTS	$300 00	$43,500 00
		SUBTOTAL, ADDITIVE ALTERNATE NO 1					$43,500 00
		ADDITIVE ALTERNATE NO. 2 - DECORATIVE STREET LIGHTING					
1	0416	DRILL SHAFT (SIGN MTS) (18 IN)	LF	402	Fifty DOLLARS AND zero CENTS	$50 00	$20,100 00
2	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	128	Two thousand two hundred DOLLARS AND zero CENTS	$2,200 00	$281,600 00
3	0610	REMOVE RD IL ASM (SPECIAL)	EA	43	Ninety DOLLARS AND zero CENTS	$90 00	$3,870 00
4	0618	CONDT (PVC) (SCHD 40) (2")	LF	7,410	Eight DOLLARS AND zero CENTS	$8 00	$59,280 00
5	0620	ELEC CONDR (NO. 8) BARE	LF	7,410	One DOLLARS AND zero CENTS	$1 00	$7,410 00
6	0620	ELEC CONDR (NO 8) INSULATED	LF	14,950	One DOLLARS AND twenty CENTS	$1 20	$17,940 00
7	0624	GROUND BOX TY A (122311) W/APRON	EA	13	Five hundred DOLLARS AND zero CENTS	$500 00	$6,500 00
8	0628	ELC SRV TY A 120/240 100 (NS)SS(E)GC(O)	EA	2	Seven hundred DOLLARS AND zero CENTS	$700 00	$1,400 00
		SUBTOTAL, ADDITIVE ALTERNATE NO. 2					$398,100 00
		TOTAL ADDITIVE ALTERNATES					$441,600 00

40

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

SUPPLEMENTAL UNIT PRICE ITEMS (REQUIRE APPROVAL FROM THE ENGINEER PRIOR TO BEING USED)

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY CONSTRUCTION					
1	0265	FLY ASH FOR SUBGRADE PREP	TON	800	One hundred DOLLARS AND zero CENTS	$100 00	$80,000 00
2	0624	GROUND BOX TY D (162922)	EA	1	Seven hundred DOLLARS AND zero CENTS	$700 00	$700 00
3	0684	TRF SIG CBL (TY C) (14 AWG) (2 CONDR)	LF	600	One DOLLARS AND zero CENTS	$1 00	$600 00
4	0688	VEH LP DETECT (SAWCUT)	LF	300	Ten DOLLARS AND zero CENTS	$10 00	$3,000 00
5	03061	FAST TRK CONC (CONT REINF HY STL) 11"	SY	12,000	Fifty two DOLLARS AND zero CENTS	$52 00	$624,000 00
		SOIL MANAGEMENT PLAN					
6	02664	SURCHARGE FOR EXCAVATION OF CONTAMINATED MATERIAL	CY	300	One hundred DOLLARS AND zero CENTS	$100 00	$30,000 00
7	02664	DISPOSAL OF CLASS II CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Two hundred fifty DOLLARS AND zero CENTS	$250 00	$37,500 00
8	02664	DISPOSAL OF CLASS I CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Three hundred fifty DOLLARS AND zero CENTS	$350 00	$52,500 00
9	02664	CONTAMINATED WATER DISPOSAL	GAL	2,000	Five DOLLARS AND zero CENTS	$5 00	$10,000 00
		TOTAL SUPPLEMENTAL UNIT PRICE ITEMS					$838,300 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BID SUMMARY

TOTAL - BASE BID $2,697,771 14

TOTAL - ADDITIVE ALTERNATES BID $441,600 00

TOTAL - BASE BID + ADDITIVE ALTERNATES BID $3,139,371 14

TOTAL - SUPPLEMENTAL UNIT PRICE ITEMS $838,300 00

This proposal consists of a Base Bid, two Additive Alternate Bids and Supplemental Unit Price Items For a bid to be considered responsive, all sections must be completed

The County reserves the right to award the base bid without the alternates, or the base bid with either or both alternates, and the lowest responsible bidder will be determined based on which option the County selects

Either the Base Bid alone or the Base Bid with any combination of Additive Alternates may be awarded for contract, however, in no case will the Additive Alternates only be awarded The award of the contract will be based on the combination considered to be in the best interest of Galveston County

All items of work required under this contract not specifically called for in the proposal as pay items shall be considered incidental to the various bid items and no separate payment shall be made for same

State of Texas Tax Statement of Materials and other charges.

The cost of in-place materials to be incorporated into the project	$1,534,481.14
The cost of labor, profit, materials not in-place and all other charges	$ 1,604,890 00
TOTAL (Must agree with bid)	$3,139,371 14

BID NUMBER B111042

BID PROPOSAL

The bidder hereby proposes to furnish all labor, material, equipment and incidentals for

TEXAS CITY 6TH STREET RECONSTRUCTION

Enclosed is a Certified Check, Cashier's Check or Bid Bond in the sum of 5% of the greatest amount bid.

Bidder agrees to perform in accordance with the requirements of the contract documents in consideration of payment by the County of the prices in this proposal

IN CASE OF DISCREPANCY BETWEEN UNIT PRICES AND EXTENDED PRICES, UNIT PRICES WILL GOVERN.

This bid sheet must be completely filled out in ink or typewritten with any necessary supplemental information attached.

The undersigned hereby agrees to all of the foregoing terms and provisions and to all terms and provisions of the contract, if awarded, which includes all provisions of Sections I - VI of this bid package

BIDDER	HARRIS CONSTRUCTION COMPANY, LTD
SIGNATURE	
PRINT NAME	Its General Partner GHCC LLC
TITLE	Glenn S. Harris, President
ADDRESS	6602 GUHN ROAD
CITY, STATE	HOUSTON, TX
ZIP	77040
TELEPHONE	713-690-0791
FAX NO	713-690-0797
DATE	MAY 3, 2011
TAX I D No	76-0290986

BID FORM

TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	600 00 UNIT PRICE	58,458 00 TOTAL PRICE
		ROADWAY WORK					
1	0100	PREPARING ROW	STA	48	FOUR HUNDRED SIXTY ONE DOLLARS AND FORTY SEVEN CENTS	461 47	22,150 56
2	0104	REMOVING CONC & ASPHALT (PAVING) (ALL THICKNESSES)	SY	32,656	TWO DOLLARS AND EIGHTY ONE CENTS	2 81	91,763 36
3	0104	REMOVING CONC (SIDEWALKS) (ALL THICKNESSES)	SY	8,220	THREE DOLLARS AND TWO CENTS	3 02	24,824 40
4	0104	REMOVING CONC & ASPHALT (DRIVEWAYS) (ALL THICKNESSES)	SY	1,645	TWO DOLLARS AND EIGHTY ONE CENTS	2 81	4,622 45
5	0104	REMOVING CONC (WHEELCHAIR RAMP) (ALL THICKNESSES)	SY	265	THREE DOLLARS AND TWO CENTS	3 02	800 30
6	0104	REMOVE CONC (PAVERS)	SY	260	FOUR DOLLARS AND FOUR CENTS	4 04	1,050 40
7	0110	EXCAVATION (ROADWAY)	CY	1,880	TEN DOLLARS AND THIRTY EIGHT CENTS	10 38	19,514 40
8	0132	EMBANKMENT (FINAL)(DENS CONT)(TY A)	CY	1,938	TEN DOLLARS AND THIRTY EIGHT CENTS	10 38	8,238 40
9	0162	BLOCK SODDING	SY	4,557	THREE DOLLARS AND SEVENTY FIVE CENTS	3 75	17,088 75
10	0166	FERTILIZER	AC	0 94	TWO HUNDRED EIGHTY EIGHT DOLLARS AND FORTY TWO CENTS	288 42	271 11
11	0168	VEGETATIVE WATERING	MG	113	FORTY DOLLARS AND THIRTY EIGHT CENTS	40 38	4,562 94
12	0260	LIME (HYD, COM OR QK) (SLRY) OR QK (DRY)	TON	565	ONE HUNDRED FIFTY FIVE DOLLARS AND SEVENTY FIVE CENTS	155 75	87,998 75
13	0265	LIME OR LFA TREAT SUBGRADE(8")	SY	35,168	TWO DOLLARS AND EIGHTY EIGHT CENTS	2 88	101,283 84
14	0360	CONC PVMT (JOINTED-CPCD)(8")(4000 psi)	SY	31,392	THIRTY TWO DOLLARS AND FIFTY NINE CENTS	32 59	1,023,065 28

BID FORM

TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
15	0416	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	30	ONE HUNDRED THIRTY EIGHT DOLLARS AND FORTY FOUR CENTS	138 44	4,153 20
16	0479	ADJ MANHS (SANITARY)	EA	3	THREE HUNDRED FORTY SIX DOLLARS AND TEN CENTS	346 10	1,038 30
17	0481	PVC PIPE (SCH 80)(3 IN)	LF	116	THIRTEEN DOLLARS AND EIGHTY FOUR CENTS	13 84	1,605 44
18	0500	MOBILIZATION (LIMIT TO 5% OF TOTAL BID)	LS	1	THIRTY THREE THOUSAND FOUR HUNDRED FIFTY SIX DOLLARS AND THIRTY NINE CENTS	33,456 39	33,456 39
19	0502	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	10	FIVE THOUSAND THREE HUNDRED SIX DOLLARS AND EIGHTY EIGHT CENTS	5,306 88	53,068 80
20	0506	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	1,111	THIRTEEN DOLLARS AND EIGHTY FOUR CENTS	13 84	15,376 24
21	0506	CONSTRUCTION EXITS (REMOVE)	SY	1,111	FIVE DOLLARS AND SEVENTY SEVEN CENTS	5 77	6,410 47
22	0506	CONSTRUCTION PERIMETER FENCE	LF	156	FORTY SIX DOLLARS AND FIFTEEN CENTS	46 15	7,199 40
23	0506	SANDBAGS FOR EROSION CONTROL	EA	176	SIXTY NINE DOLLARS AND TWENTY TWO CENTS	69 22	12,182 72
24	0528	COLORED TEXTURED CONC (6")	SY	461	THIRTY ONE DOLLARS AND THREE CENTS	31 03	14,304 83
25	0528	LANDSCAPE PAVERS	SY	260	SEVENTY ONE DOLLARS AND FORTY ONE CENTS	71 41	18,566 60
26	0529	CONC CURB (MONO) (TY II)	LF	8,850	TWO DOLLARS AND SIXTY CENTS	2 60	23,010 00
27	0529	CONC CURB (DOWEL)	LF	1,200	THREE DOLLARS AND SEVENTY FIVE CENTS	3 75	4 500 00
28	0530	DRIVEWAYS (CONC)	SY	1,078	THIRTY SEVEN DOLLARS AND SEVENTY EIGHT CENTS	37 78	40,726 84

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
29	0531	CURB RAMPS (TY 1)	EA	64	ONE THOUSAND FIVE HUNDRED FIFTY SEVEN DOLLARS AND FORTY FIVE CENTS	1,557 45	99,676 80
30	0531	CONC SIDEWLKS (4")	SY	7,854	THIRTY FOUR DOLLARS AND SIXTY ONE CENTS	34 61	271,826 94
31	0536	CONC MEDIAN (MONO NOSE)	SY	4	THIRTY FOUR DOLLARS AND SIXTY ONE CENTS	34 61	138 44
32	0550	CHAIN LINK FENCE (REPAIR) (6')	LF	145	FORTY SIX DOLLARS AND FIFTEEN CENTS	46 15	6,691 75
33	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	4	TWO THOUSAND TWO HUNDRED FORTY NINE DOLLARS AND SIXTY FIVE CENTS	2,249 65	8,998 60
34	0618	CONDT (PVC) (SCHD 80) (3")	LF	345	FIFTEEN DOLLARS AND ZERO CENTS	15 00	5,175 00
35	0620	ELEC CONDUCTOR (NO 4) BARE	LF	10	FIVE DOLLARS AND SEVENTY SEVEN CENTS	5 77	57 70
36	0620	ELEC CONDUCTOR (NO 4) INSULATED	LF	20	ELEVEN DOLLARS AND FIFTY FOUR CENTS	11 54	230 80
37	0620	ELEC CONDUCTOR (NO 6) BARE	LF	505	ONE DOLLARS AND FIFTY CENTS	1 50	757 50
38	0624	GROUND BOX TY C (122422) W/APRON	EA	5	EIGHT HUNDRED SIXTY FIVE DOLLARS AND TWENTY FIVE CENTS	865 25	4,326 25
39	0628	ELC SRV TY D 120/240 060 (NS)SS(E)SP(O)	EA	1	THREE THOUSAND SIX HUNDRED SEVENTY FOUR DOLLARS AND FORTY THREE CENTS	3,674 43	3,674 43
40	0636	ALUMINUM SIGNS (TY A)	SF	150	THIRTY TWO DOLLARS AND EIGHTY EIGHT CENTS	32 88	4,932 00
41	0644	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	80	THREE HUNDRED THIRTY FOUR DOLLARS AND FIFTY SIX CENTS	334 56	26,764 80
42	0666	REFL PAY MRK TY I (W) 4" (BRK) (100 MIL)	LF	620	ZERO DOLLARS AND FIFTY TWO CENTS	0 52	322 40

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
43	0666	REFL PAY MRK TY I (W) 4" (SLD) (100 MIL)	LF	10,300	ZERO DOLLARS AND FIFTY TWO CENTS	0 52	5,356 00
44	0666	REFL PAY MRK TY I (W) 8" (SLD) (100 MIL)	LF	725	ZERO DOLLARS AND EIGHTY ONE CENTS	0 81	587 25
45	0666	REFL PAY MRK TY I (W) 12" (SLD) (100 MIL)	LF	2,925	TWO DOLLARS AND THIRTY ONE CENTS	2 31	6,756 75
46	0666	REFL PAY MRK TY I (W) 24" (SLD) (100 MIL)	LF	148	FIVE DOLLARS AND SEVENTY SEVEN CENTS	5 77	853 96
47	0666	REFL PAY MRK TY I (W) (ARROW) (100 MIL)	EA	10	ONE HUNDRED FORTY FOUR DOLLARS AND TWENTY ONE CENTS	144 21	1,442 10
48	0666	REFL PAY MRK TY I (W) (DBL ARROW) (100 MIL)	EA	5	ONE HUNDRED SEVENTY THREE DOLLARS AND FIVE CENTS	173 05	865 25
49	0666	REFL PAY MRK TY I (W) (WORD) (100 MIL)	EA	11	ONE HUNDRED SEVENTY THREE DOLLARS AND FIVE CENTS	173 05	1,903 55
50	0666	REFL PAY MRK TY I (Y) 4" (SLD) (100 MIL)	LF	3,742	ZERO DOLLARS AND FORTY CENTS	0 40	1,496 80
51	0666	REFL PAV MRKR TY I-A	EA	124	THREE DOLLARS AND FORTY SIX CENTS	3 46	429 04
52	0668	PREFAB PAV MRK (ACC PRK)(BLU & WHT)LRG	EA	4	TWO HUNDRED THIRTY DOLLARS AND SEVENTY THREE CENTS	230 73	922 92
53	0678	PAV SURF PREP FOR MRK (4")	LF	14,662	ZERO DOLLARS AND THREE CENTS	0 03	439 86
54	0678	PAV SURF PREP FOR MRK (8")	LF	725	ZERO DOLLARS AND TWELVE CENTS	0 12	87 00
55	0678	PAV SURF PREP FOR MRK (12")	LF	2,925	ZERO DOLLARS AND EIGHT CENTS	0 08	234 00
56	0678	PAV SURF PREP FOR MRK (24")	LF	148	ZERO DOLLARS AND TWENTY NINE CENTS	0 29	42 92

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
57	0678	PAV SURF PREP FOR MRK (ARROW)	EA	10	ONE DOLLARS AND FIFTEEN CENTS	1 15	11 50
58	0678	PAV SURF PREP FOR MRK (DBL ARROW)	EA	5	ONE DOLLARS AND FIFTEEN CENTS	1 15	5 75
59	0678	PAV SURF PREP FOR MRK (SYMBOL)	EA	4	ONE DOLLARS AND FIFTEEN CENTS	1 15	4 60
60	0678	PAV SURF PREP FOR MRK (WORD)	EA	11	ONE DOLLARS AND FIFTEEN CENTS	1 15	12 65
61	0680	INSTALL OF HWY TRAF SIG (FLASH BEACON), WITH CONTROLLER (FLASHER W/CABINET), AND ROD (5/8" X 8' COPPER CLAD GROUND)	EA	1	THREE THOUSAND SEVEN HUNDRED FORTY NINE DOLLARS AND FORTY TWO CENTS	3,749 42	3,749 42
62	0682	VEH SIG SEC (12 IN) LED (RED)	EA	4	THREE HUNDRED TWENTY EIGHT DOLLARS AND EIGHTY CENTS	328 80	1,315 20
63	0682	BACK PLATE (12 IN) (1 SEC)	EA	4	NINETY EIGHT DOLLARS AND SIX CENTS	98 06	392 24
64	0684	TRF SIG CBL (TY A) (12 AWG) (2 CONDR)	LF	1,135	ONE DOLLARS AND THIRTY EIGHT CENTS	1 38	1,566 30
65	0684	TRF SIG CBL (TY A) (12 AWG) (3 CONDR)	LF	650	ONE DOLLARS AND FIFTY SIX CENTS	1 56	1,014 00
66	0687	PED POLE ASSEMBLY	EA	1	ONE THOUSAND TWO HUNDRED SEVENTY FOUR DOLLARS AND EIGHTY CENTS	1,274 80	1,274 80
67	1014	LANDSCAPE AMENITY (TREE GRATE)	EA	83	ONE THOUSAND THREE HUNDRED EIGHTY FOUR DOLLARS AND FORTY CENTS	1,384 40	114,905 20
68	1018	TREE PROTECTION (EXIST OAKS BETWEEN 3RD AVE N & 4TH AVE N)	EA	11	THREE HUNDRED FORTY SIX DOLLARS AND TEN CENTS	346 10	3,807 10
69	6007	REMOVING TRAFFIC SIGNALS	EA	1	THREE THOUSAND ONE HUNDRED SEVENTY TWO DOLLARS AND FIFTY NINE CENTS	3,172 59	3,172 59
		SUBTOTAL, ROADWAY WORK					2,240,934 37

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		WATERLINE IMPROVEMENTS					
70	02664	2" PVC (SCH 80) CLASS 200, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS , INCLUDING FITTINGS AND RESTRAINTS	LF	50	TWENTY SIX DOLLARS AND FIFTY THREE CENTS	26 53	1,326 50
71	02664	6" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	180	FORTY FOUR DOLLARS AND NINETY NINE CENTS	44 99	8,098 20
72	02664	8" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	4,105	FIFTY SIX DOLLARS AND SEVEN CENTS	56 07	230,167 35
73	02664	12" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	260	FORTY SIX DOLLARS AND FIFTEEN CENTS	46 15	11,999 00
74	02640	8-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	29	ONE THOUSAND FOUR HUNDRED NINETY TWO DOLLARS AND EIGHTY FIVE CENTS	1,492 85	43,292 65
75	02640	12-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	2	TWO THOUSAND SIX HUNDRED EIGHTY TWO DOLLARS AND TWENTY EIGHT CENTS	2,682 28	5,364 56
76	02645	FIRE HYDRANT ASSEMBLY, AWWA C502, MECHANICAL JOINT INLET, INCLUDING 6" GATE VALVE AND LEAD PIPE	EA	8	THREE THOUSAND NINE HUNDRED EIGHTY FIVE DOLLARS AND NINETY THREE CENTS	3,985 93	31,887 44
77	02645	REMOVE AND SALVAGE EXISTING FIRE HYDRANT AND VALVE, INCLUDING DELIVERING REMOVED HYDRANT AND VALVE TO THE CITY'S STORAGE YARD	EA	7	FIVE HUNDRED SEVENTY SIX DOLLARS AND EIGHTY THREE CENTS	576 83	4,037 81
78	02669	ABANDON EXISTING WATER VALVES, ALL SIZES	EA	9	ONE HUNDRED SEVENTY THREE DOLLARS AND FIVE CENTS	173 05	1,557 45
79	02626	8"X8" TAPPING SLEEVE AND VALVE ASSEMBLY, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	2	FOUR THOUSAND TWO HUNDRED SIXTY EIGHT DOLLARS AND FIFTY SEVEN CENTS	4,268 57	8,537 14

BID FORM

TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
80	02667	2" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	3	TWO HUNDRED FIFTY NINE DOLLARS AND FIFTY EIGHT CENTS	259 58	778 74
81	02667	6" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	9	FOUR HUNDRED SIXTY ONE DOLLARS AND FORTY SEVEN CENTS	461 47	4,153 23
82	02667	8" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	6	SIX HUNDRED FIVE DOLLARS AND SIXTY EIGHT CENTS	605 68	3,634 08
83	02667	12" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	1	EIGHT HUNDRED SIXTY FIVE DOLLARS AND TWENTY FIVE CENTS	865 25	865 25
84	02665	1" SINGLE LONG SIDE SERVICE RECONNECTION	EA	5	ONE THOUSAND SEVEN HUNDRED THIRTY DOLLARS AND FIFTY CENTS	1,730 50	8,652 50
85	02665	1" SINGLE SHORT SIDE SERVICE RECONNECTION	EA	5	ONE THOUSAND ONE HUNDRED FIFTY THREE DOLLARS AND SIXTY SEVEN CENTS	1,153 67	5,768 35
86	02669	CUT AND PLUG AND ABANDON EXISTING 2" WATER LINE	EA	2	TWO HUNDRED THIRTY DOLLARS AND SEVENTY THREE CENTS	230 73	461 46
87	02669	CUT AND PLUG AND ABANDON EXISTING 6" WATER LINE	EA	10	TWO HUNDRED FORTY EIGHT DOLLARS AND FOUR CENTS	248 04	2,480 40
88	02669	CUT AND PLUG AND ABANDON EXISTING 8" WATER LINE	EA	6	TWO HUNDRED FIFTY NINE DOLLARS AND FIFTY EIGHT CENTS	259 58	1,557 48
89	02571	REMOVE AND REPLACE ASPHALT ROADWAY ASPHALT ROADWAY, INCLUDING 2" MINIMUM THICKNESS HMAC TYPE D, 8" MINIMUM THICKNESS BLACK BASE, SAWCUTTING, TACK COAT AND EXCAVATION	SY	350	SIXTY TWO DOLLARS AND FIFTY NINE CENTS	62 59	21,906 50
90	02571	REMOVE AND REPLACE 8-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	350	FORTY NINE DOLLARS AND THREE CENTS	49 03	17,160 50

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
91	02571	REMOVE AND REPLACE 4-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	250	THIRTY FOUR DOLLARS AND THIRTY TWO CENTS	34 32	8,580 00
92	02571	REMOVE AND REPLACE 6-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING CURBS, SUBGRADE, REINFORCEMENT, AND JOINTS	SY	50	FORTY TWO DOLLARS AND ELEVEN CENTS	42 11	2,105 50
93	01526	TRENCH SAFETY FOR ALL WATER LINE GREATER THAN 5' DEEP, INCLUDING INSTALLATION, OPERATION AND REMOVAL	LF	500	NINE DOLLARS AND TWENTY THREE CENTS	9 23	4,615 00
94	01025	MISCELLANEOUS ALLOWANCE, AS DIRECTED BY THE ENGINEER	LS	1	**TWENTY THOUSAND DOLLARS AND ZERO CENTS**	**$20,000.00**	**$ 20,000**
		SUBTOTAL, WATERLINE IMPROVEMENTS					448,987 09
		SOIL MANAGEMENT PLAN					
95	02664	PREPARATORY WORK IN POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA) INCLUDING PREPARING ENVIRONMENTAL HEALTH AND SAFETY PLAN, PREPARING ENVIRONMENTAL WORK PLAN, TRAINING PERSONNEL, AND OBTAINING PERMITS AND ADDITIONAL INSURANCE AS APPLICABLE TO THE WORK	LS	1	SIX THOUSAND NINE HUNDRED TWENTY TWO DOLLARS AND ONE CENTS	6,922 01	6,922 01
96	02664	MONITORING AND FIELD SCREENING WITHIN THE PPCA	LS	1	EIGHT THOUSAND SEVENTY FIVE DOLLARS AND SIXTY EIGHT CENTS	8,075 68	8,075 68
		SUBTOTAL, SOIL MANAGEMENT PLAN					14,997 69
		TOTAL BASE BID					2,711,841 16

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

ADDITIVE ALTERNATES

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ADDITIVE ALTERNATE NO 1 - TREE REMOVAL AND REPLACEMENT					
1	0193	PLANT REPLACEMENT (TREES, ALL SIZES)	EA	145	FOUR HUNDRED THIRTY TWO DOLLARS AND SIXTY THREE CENTS	432 63	62,731 35
		SUBTOTAL, ADDITIVE ALTERNATE NO. 1					62,731 35
		ADDITIVE ALTERNATE NO. 2 - DECORATIVE STREET LIGHTING					
1	0416	DRILL SHAFT (SIGN MTS) (18 IN)	LF	402	ONE HUNDRED NINE DOLLARS AND SIXTY CENTS	109 60	44,059 20
2	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	128	TWO THOUSAND ONE HUNDRED THIRTY THREE DOLLARS AND SEVENTY ONE CENTS	2,133 71	273,114 88
3	0610	REMOVE RD IL ASM (SPECIAL)	EA	43	THREE HUNDRED THIRTY SEVEN DOLLARS AND FORTY FIVE CENTS	337 45	14,510 35
4	0618	CONDT (PVC) (SCHD 40) (2")	LF	7,410	SIX DOLLARS AND FIFTY CENTS	6 50	48,165 00
5	0620	ELEC CONDR (NO 8) BARE	LF	7,410	ZERO DOLLARS AND NINETY NINE CENTS	0 99	7,335 90
6	0620	ELEC CONDR (NO 8) INSULATED	LF	14,950	ONE DOLLARS AND FOURTEEN CENTS	1 14	17,043 00
7	0624	GROUND BOX TY A (122311) W/APRON	EA	13	SIX HUNDRED TWELVE DOLLARS AND SIXTY CENTS	612 60	7,963 80
8	0628	ELC SRV TY A 120/240 100 (NS)SS(E)GC(O)	EA	2	FOUR THOUSAND SIXTY SEVEN DOLLARS AND TWENTY SIX CENTS	4,067 26	8,134 52
		SUBTOTAL, ADDITIVE ALTERNATE NO. 2					420,326 65
		TOTAL ADDITIVE ALTERNATES					483,058 00

BID FORM

TEXAS CITY 6TH STREET RECONSTRUCTION

SUPPLEMENTAL UNIT PRICE ITEMS (REQUIRE APPROVAL FROM THE ENGINEER PRIOR TO BEING USED)

ITEM NO.	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY CONSTRUCTION					
1	0265	FLY ASH FOR SUBGRADE PREP	TON	800	SIXTY TWO DOLLARS AND THIRTY CENTS	62 30	49,840 00
2	0624	GROUND BOX TY D (162922)	EA	1	EIGHT HUNDRED SIXTY FIVE DOLLARS AND TWENTY FIVE CENTS	865 25	865 25
3	0684	TRF SIG CBL (TY C) (14 AWG) (2 CONDR)	LF	600	ONE DOLLARS AND FIFTEEN CENTS	1 15	690 00
4	0688	VEH LP DETECT (SAWCUT)	LF	300	NINE DOLLARS AND TWENTY THREE CENTS	9 23	2,769 00
5	03061	FAST TRK CONC (CONT REINF HY STL) 11"	SY	12,000	FORTY SIX DOLLARS AND FIFTY SEVEN CENTS	46 57	558,840 00
		SOIL MANAGEMENT PLAN					
6	02664	SURCHARGE FOR EXCAVATION OF CONTAMINATED MATERIAL	CY	300	TWO DOLLARS AND THIRTY ONE CENTS	2 31	693 00
7	02664	DISPOSAL OF CLASS II CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	THIRTY FIVE DOLLARS AND SEVENTY SIX CENTS	35 76	5,364 00
8	02664	DISPOSAL OF CLASS I CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	SIXTY TWO DOLLARS AND THIRTY CENTS	62 30	9,345 00
9	02664	CONTAMINATED WATER DISPOSAL	GAL	2,000	ZERO DOLLARS AND NINETY TWO CENTS	0 92	1,840 00
		TOTAL SUPPLEMENTAL UNIT PRICE ITEMS					630,246 25

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BID SUMMARY

TOTAL - BASE BID	2,711,841 16
TOTAL - ADDITIVE ALTERNATES BID	483,058 00
TOTAL - BASE BID + ADDITIVE ALTERNATES BID	3,194,899 16
TOTAL - SUPPLEMENTAL UNIT PRICE ITEMS	630,246 25

This proposal consists of a Base Bid, two Additive Alternate Bids and Supplemental Unit Price Items For a bid to be considered responsive, all sections must be completed

The County reserves the right to award the base bid without the alternates, or the base bid with either or both alternates, and the lowest responsible bidder will be determined based on which option the County selects

Either the Base Bid alone or the Base Bid with any combination of Additive Alternates may be awarded for contract, however, in no case will the Additive Alternates only be awarded The award of the contract will be based on the combination considered to be in the best interest of Galveston County

All items of work required under this contract not specifically called for in the proposal as pay items shall be considered incidental to the various bid items and no separate payment shall be made for same

State of Texas Tax Statement of Materials and other charges.

The cost of in-place materials to be incorporated into the project	$ 1,527,749 40
The cost of labor, profit, materials not in-place and all other charges	$ 1,184,091 76
TOTAL (Must agree with bid)	$ 2,711,841 16

CONTRACT AWARD

CONTRACT FOR: TEXAS CITY 6TH STREET RECONSTRUCTION

THIS CONTRACT IS ENTERED INTO BETWEEN GALVESTON COUNTY AND THE CONTRACTOR NAMED BELOW PURSUANT TO SUBCHAPTER B, CHAPTER 271, TEXAS LOCAL GOVERNMENT CODE, AND THE REFERENCED INVITATION TO BID

Contract No _____

Bid No B111042

Contractor HARRIS CONSTRUCTION COMPANY, LTD.

The Specifications and Drawings are enumerated as follows:

Standard Specifications **Standard Specifications For Construction And Maintenance Of Highways, Streets And Bridges; adopted by the Texas Department Of Transportation, June 2004**

Special Provisions **To TxDOT Items 1 thru 9**
To TxDOT Items 100, 166, 260, 360, 500, 502, 506, 620, 624, 628, 636, 687

Special Specifications.

01000	**Special Provisions to Special Specifications**
01025	**Measurement and Payment for Water Line Construction**
01292	**Schedule of Values**
01326	**Construction Schedule (Bar Chart)**
01330	**Submittal Procedures**
01340	**Shop Drawings, Product Data & Samples**
01410	**Testing Laboratory Services**
01450	**Contractor's Quality Control**
01526	**Trench Safety Systems**
01610	**Basic Product Requirements**
01630	**Product Substitution Procedures**
01770	**Closeout Procedures**
01785	**Project Record Documents**
02105	**Soil Management Plan – Potentially Contaminated Soil/Water Management**
02227	**Excavation and Backfill for Utilities**
02229	**Utility Backfill Materials**
02252	**Cement Stabilized Sand**
02571	**Pavement Repair for Utilities**
02603	**Frames, Grates, Rings and Covers**

02604	Valve Boxes, Meter Boxes, and Meter Vaults
02607	Adjusting Manholes, Inlets, and Valve Boxes to Grades
02610	Ductile Iron Pipe and Fittings
02611	Steel Pipe and Fittings
02620	PVC Pipe
02626	Tapping Sleeves and Valves
02627	Water Meters
02628	Augering Pipe for Water Lines
02629	Polyurethane Coatings on Steel or Ductile Iron Pipe
02630	Polyethylene Wrap
02640	Gate Valves
02645	Fire Hydrant Assembly
02664	Water Mains
02665	Residential Water Service Connections and/or Reconnections
02667	Wet Connections
02669	Cut, Plug and Abandonment of Mains
02675	Disinfection of Waterlines
02676	Hydrostatic Testing of Pipelines

DRAWINGS ADDENDA: 1 Through 66

APRIL 15, 2011

It's General Partner GHCC LLC

Glenn S. Harris, President

Contract Award (continued)

Sections I (Invitation to Bid; General Provisions, Instructions to Bidders, Vendor Qualification Packet), II (Bid Proposal, Contract Award), III (Special Terms and Conditions, [including Addenda], Wage Rates & AIA Forms), IV (General Terms and Conditions), V (Specifications) and VI (Plans) attached to this Contract Award are all made a part of this Contract and collectively evidence and constitute the entire contract. Contractor shall furnish all materials, perform all of the work required to be done and do everything else required by these documents

Time of Completion. The Contractor shall complete the work within 300 Calendar Days of the issuance of the notice to proceed. The time set forth for completion of the work is an essential element of the Contract

The Contract Sum The County shall pay the Contractor for performance of the Contract, the sum of TWO MILLION SEVEN HUNDRED ELEVEN THOUSAND EIGHT HUNDRED FORTY ONE DOLLARS & SIXTEEN CENTS Dollars and No/100 ($ 2,711,841 16), payments to be made as described herein

Performance Bond required: (x) yes ( ) no
Payment Bond required. (x) yes ( ) no

This Contract is issued pursuant to award made by Commissioners' Court on _____, 20___.

EXECUTED this _____ day of _____, 20___

COUNTY OF GALVESTON, TEXAS

BY: _____
MARK HENRY, County Judge

ATTEST

_____
DWIGHT D SULLIVAN, County Clerk

CONTRACTOR
HARRIS CONSTRUCTION COMPANY, LTD.

BY. _____
Its General Partner GHC, LLC
Signature - Title

Glenn S. Harris, President
Printed Name

BID NUMBER B111042

BID PROPOSAL

The bidder hereby proposes to furnish all labor, material, equipment and incidentals for
TEXAS CITY 6TH STREET RECONSTRUCTION
Enclosed is a Certified Check, Cashier's Check or Bid Bond in the sum of 5% of the greatest amount bid

Bidder agrees to perform in accordance with the requirements of the contract documents in consideration of payment by the County of the prices in this proposal

IN CASE OF DISCREPANCY BETWEEN UNIT PRICES AND EXTENDED PRICES, UNIT PRICES WILL GOVERN.

This bid sheet must be completely filled out in ink or typewritten with any necessary supplemental information attached.

The undersigned hereby agrees to all of the foregoing terms and provisions and to all terms and provisions of the contract, if awarded, which includes all provisions of Sections I - VI of this bid package

BIDDER	SER Construction Partners, LLC
SIGNATURE	
PRINT NAME	ROSBEL E RAMOS
TITLE	PRESIDENT
ADDRESS	3636 PASADENA BLVD.
CITY, STATE	PASADENA, TEXAS
ZIP	77503 - 3208
TELEPHONE	(713) 473- 7900
FAX NO	(713) 473 - 7919
DATE	MAY 3rd, 2011
TAX I D No	91- 2096600

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY WORK					
1	0100	PREPARING ROW	STA	48	Three thousand - one Hundred DOLLARS AND no CENTS	3100.00	148,800.00
2	0104	REMOVING CONC & ASPHALT (PAVING) (ALL THICKNESSES)	SY	32,656	Five DOLLARS AND no CENTS	5.00	163,280.00
3	0104	REMOVING CONC (SIDEWALKS) (ALL THICKNESSES)	SY	8,220	Two DOLLARS AND no CENTS	2.00	16,440.00
4	0104	REMOVING CONC & ASPHALT (DRIVEWAYS) (ALL THICKNESSES)	SY	1,645	Five DOLLARS AND No CENTS	5.00	8,225.00
5	0104	REMOVING CONC (WHEELCHAIR RAMP) (ALL THICKNESSES)	SY	265	Two DOLLARS AND No CENTS	2.00	530.00
6	0104	REMOVE CONC (PAVERS)	SY	260	Two DOLLARS AND No CENTS	2.00	520.00
7	0110	EXCAVATION (ROADWAY)	CY	1,880	Eight DOLLARS AND No CENTS	8.00	15,040.00
8	0132	EMBANKMENT (FINAL)(DENS CONT)(TY A)	CY	1,938	Six DOLLARS AND No CENTS	6.00	11,628.00
9	0162	BLOCK SODDING	SY	4,557	Four DOLLARS AND No CENTS	4.00	18,228.00
10	0166	FERTILIZER	AC	0 94	Six -hundred DOLLARS AND No CENTS	600.00	564.00
11	0168	VEGETATIVE WATERING	MG	113	Fifty-Seven DOLLARS AND no CENTS	57.00	6,441.00
12	0260	LIME (HYD, COM OR QK) (SLRY) OR QK (DRY)	TON	565	One Hundred - Fifty DOLLARS AND No CENTS	150.00	84,750.00
13	0265	LIME OR LFA TREAT SUBGRADE(8")	SY	35,168	Two DOLLARS AND no CENTS	2.00	70,336.00
14	0360	CONC PVMT (JOINTED-CPCD)(8")(4000 psi)	SY	31,392	Forty - four DOLLARS AND no CENTS	44.00	1,381,248.00

32

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
15	0416	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	30	One Hundred twenty-nine DOLLARS AND no CENTS	129.00	3870.00
16	0479	ADJ MANHS (SANITARY)	EA	3	one Hundred DOLLARS AND no CENTS	100.00	300.00
17	0481	PVC PIPE (SCH 80)(3 IN)	LF	116	Twenty-four DOLLARS AND no CENTS	24.00	2784.00
18	0500	MOBILIZATION (LIMIT TO 5% OF TOTAL BID)	LS	1	One Hundred-Fifty thousand DOLLARS AND no CENTS	150,000.00	150,000.00
19	0502	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	10	Four thousand DOLLARS AND no CENTS	4000.00	40,000.00
20	0506	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	1,111	Fifteen DOLLARS AND no CENTS	15.00	16,665.00
21	0506	CONSTRUCTION EXITS (REMOVE)	SY	1,111	One DOLLARS AND no CENTS	1.00	1,110.00
22	0506	CONSTRUCTION PERIMETER FENCE	LF	156	Four DOLLARS AND no CENTS	4.00	624.00
23	0506	SANDBAGS FOR EROSION CONTROL	EA	176	thirty DOLLARS AND no CENTS	30.00	5,280.00
24	0528	COLORED TEXTURED CONC (6")	SY	461	Fifty-four DOLLARS AND no CENTS	54.00	24,894.00
25	0528	LANDSCAPE PAVERS	SY	260	Eighty-two DOLLARS AND no CENTS	82.00	21,320.00
26	0529	CONC CURB (MONO) (TY II)	LF	8,850	two DOLLARS AND no CENTS	2.00	17,700.00
27	0529	CONC CURB (DOWEL)	LF	1,200	Four DOLLARS AND no CENTS	4.00	4,800.00
28	0530	DRIVEWAYS (CONC)	SY	1,078	Forty-three DOLLARS AND no CENTS	43.00	46,354.00

23

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
29	0531	CURB RAMPS (TY 1)	EA	64	Seven-Hundred DOLLARS AND no CENTS	700.00	44800.00
30	0531	CONC SIDEWLKS (4")	SY	7,854	thirty-six DOLLARS AND no CENTS	36.00	282,744.00
31	0536	CONC MEDIAN (MONO NOSE)	SY	4	Seventy-six DOLLARS AND no CENTS	76.00	304.00
32	0550	CHAIN LINK FENCE (REPAIR) (6')	LF	145	Twenty DOLLARS AND no CENTS	20.00	2,900.00
33	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	4	Two-thousand DOLLARS AND no CENTS	2,000.00	8,000.00
34	0618	CONDT (PVC) (SCHD 80) (3")	LF	345	Fifteen DOLLARS AND no CENTS	15.00	5,175.00
35	0620	ELEC CONDUCTOR (NO 4) BARE	LF	10	Two DOLLARS AND thirty CENTS	2.30	23.00
36	0620	ELEC CONDUCTOR (NO. 4) INSULATED	LF	20	Two DOLLARS AND thirty CENTS	2.30	46.00
37	0620	ELEC CONDUCTOR (NO 6) BARE	LF	505	One DOLLARS AND twenty CENTS	1.20	606.00
38	0624	GROUND BOX TY C (122422) W/APRON	EA	5	Five-Hundred-fifty DOLLARS AND no CENTS	550.00	2,750.00
39	0628	ELC SRV TY D 120/240 060 (NS)SS(E)SP(O)	EA	1	three-thousand DOLLARS AND no CENTS	3,000.00	3,000.00
40	0636	ALUMINUM SIGNS (TY A)	SF	150	thirty-nine DOLLARS AND no CENTS	39.00	5,850.00
41	0644	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	80	three-Hundred thirty DOLLARS AND no CENTS	330.00	26,400.00
42	0666	REFL PAY MRK TY I (W) 4" (BRK) (100 MIL)	LF	620	no DOLLARS AND Fifty CENTS	0.50	310.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
43	0666	REFL PAY MRK TY I (W) 4" (SLD) (100 MIL)	LF	10,300	NO DOLLARS AND FORTY CENTS	0.40	4120.00
44	0666	REFL PAY MRK TY I (W) 8" (SLD) (100 MIL)	LF	725	one DOLLARS AND NO CENTS	1.00	725.00
45	0666	REFL PAY MRK TY I (W) 12" (SLD) (100 MIL)	LF	2,925	three DOLLARS AND NO CENTS	3.00	8,775.00
46	0666	REFL PAY MRK TY I (W) 24" (SLD) (100 MIL)	LF	148	SIX DOLLARS AND NO CENTS	6.00	888.00
47	0666	REFL PAY MRK TY I (W) (ARROW) (100 MIL)	EA	10	One Hundred-seventy DOLLARS AND NO CENTS	170.00	1,700.00
48	0666	REFL PAY MRK TY I (W) (DBL ARROW) (100 MIL)	EA	5	one Hundred eighty-four DOLLARS AND NO CENTS	184.00	920.00
49	0666	REFL PAY MRK TY I (W) (WORD) (100 MIL)	EA	11	One Hundred-Seventy DOLLARS AND NO CENTS	170.00	1870.00
50	0666	REFL PAY MRK TY I (Y) 4" (SLD) (100 MIL)	LF	3,742	NO DOLLARS AND FIFTY CENTS	0.50	1871.00
51	0666	REFL PAV MRKR TY I-A	EA	124	FOUR DOLLARS AND NO CENTS	4.00	496.00
52	0668	PREFAB PAV MRK (ACC PRK)(BLU & WHT)LRG	EA	4	three Hundred twenty DOLLARS AND NO CENTS	320.00	1,280.00
53	0678	PAV SURF PREP FOR MRK (4")	LF	14,662	NO DOLLARS AND twenty CENTS	0.20	2,932.40
54	0678	PAV SURF PREP FOR MRK (8")	LF	725	NO DOLLARS AND twenty CENTS	0.20	145.00
55	0678	PAV SURF PREP FOR MRK (12")	LF	2,925	NO DOLLARS AND twenty CENTS	0.20	585.00
56	0678	PAV SURF PREP FOR MRK (24")	LF	148	NO DOLLARS AND thirty CENTS	0.30	44.40

35

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
57	0678	PAV SURF PREP FOR MRK (ARROW)	EA	10	eight DOLLARS AND no CENTS	8.00	80.00
58	0678	PAV SURF PREP FOR MRK (DBL ARROW)	EA	5	NINE DOLLARS AND no CENTS	9.00	45.00
59	0678	PAV SURF PREP FOR MRK (SYMBOL)	EA	4	Eight DOLLARS AND no CENTS	8.00	32.00
60	0678	PAV SURF PREP FOR MRK (WORD)	EA	11	Eight DOLLARS AND no CENTS	8.00	88.00
61	0680	INSTALL OF HWY TRAF SIG (FLASH BEACON), WITH CONTROLLER (FLASHER W/CABINET), AND ROD (5/8" X 8' COPPER CLAD GROUND)	EA	1	one-thousand DOLLARS AND no CENTS	1,000.00	1,000.00
62	0682	VEH SIG SEC (12 IN) LED (RED)	EA	4	two-hundred-thirty DOLLARS AND no CENTS	230.00	920.00
63	0682	BACK PLATE (12 IN) (1 SEC)	EA	4	Fifty-four DOLLARS AND no CENTS	54.00	216.00
64	0684	TRF SIG CBL (TY A) (12 AWG) (2 CONDR)	LF	1,135	one DOLLARS AND no CENTS	1.00	1,135.00
65	0684	TRF SIG CBL (TY A) (12 AWG) (3 CONDR)	LF	650	one DOLLARS AND twenty CENTS	1.20	780.00
66	0687	PED POLE ASSEMBLY	EA	1	one-thousand-six hundred DOLLARS AND no CENTS	1,600.00	1,600.00
67	1014	LANDSCAPE AMENITY (TREE GRATE)	EA	83	Eight hundred DOLLARS AND no CENTS	800.00	66,400.00
68	1018	TREE PROTECTION (EXIST OAKS BETWEEN 3RD AVE N & 4TH AVE N)	EA	11	two-hundred-thirty DOLLARS AND no CENTS	230.00	2,530.00
69	6007	REMOVING TRAFFIC SIGNALS	EA	1	Seventeen-Hundred DOLLARS AND no CENTS	1,700.00	1,700.00
		SUBTOTAL, ROADWAY WORK					2,747,517.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		WATERLINE IMPROVEMENTS					
70	02664	2" PVC (SCH 80) CLASS 200, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS , INCLUDING FITTINGS AND RESTRAINTS	LF	50	Fifty DOLLARS AND no CENTS	50.00	2,500.00
71	02664	6" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	180	Forty-seven DOLLARS AND no CENTS	47.00	8,460.00
72	02664	8" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	4,105	Forty-five DOLLARS AND no CENTS	45.00	184,725.00
73	02664	12" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	260	Seventy DOLLARS AND no CENTS	70.00	18,200.00
74	02640	8-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	29	One thousand-two-hundred DOLLARS AND no CENTS	1,200.00	34,800.00
75	02640	12-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	2	Three thousand-three hundred DOLLARS AND no CENTS	3,300.00	6,600.00
76	02645	FIRE HYDRANT ASSEMBLY, AWWA C502, MECHANICAL JOINT INLET, INCLUDING 6" GATE VALVE AND LEAD PIPE	EA	8	Three thousand-one hundred DOLLARS AND no CENTS	3,100.00	24,800.00
77	02645	REMOVE AND SALVAGE EXISTING FIRE HYDRANT AND VALVE, INCLUDING DELIVERING REMOVED HYDRANT AND VALVE TO THE CITY'S STORAGE YARD	EA	7	Two-hundred DOLLARS AND no CENTS	200.00	1,400.00
78	02669	ABANDON EXISTING WATER VALVES, ALL SIZES	EA	9	One DOLLARS AND no CENTS	1.00	9.00
79	02626	8"X8" TAPPING SLEEVE AND VALVE ASSEMBLY, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	2	Three thousand-three hundred DOLLARS AND no CENTS	3,300.00	6,600.00

37

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
80	02667	2" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	3	Two-hundred DOLLARS AND no CENTS	200.00	600.00
81	02667	6" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	9	Four-Hundred DOLLARS AND no CENTS	400.00	3,600.00
82	02667	8" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	6	Six-hundred DOLLARS AND no CENTS	600.00	3,600.00
83	02667	12" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	1	Nine-Hundred DOLLARS AND no CENTS	900.00	900.00
84	02665	1" SINGLE LONG SIDE SERVICE RECONNECTION	EA	5	NINE Hundred DOLLARS AND no CENTS	900.00	4,500.00
85	02665	1" SINGLE SHORT SIDE SERVICE RECONNECTION	EA	5	Four-Hundred DOLLARS AND no CENTS	400.00	2,000.00
86	02669	CUT AND PLUG AND ABANDON EXISTING 2" WATER LINE	EA	2	One Hundred-fifty DOLLARS AND no CENTS	150.00	300.00
87	02669	CUT AND PLUG AND ABANDON EXISTING 6" WATER LINE	EA	10	Two-Hundred-ten DOLLARS AND no CENTS	210.00	2,100.00
88	02669	CUT AND PLUG AND ABANDON EXISTING 8" WATER LINE	EA	6	Two-Hundred-twenty DOLLARS AND no CENTS	220.00	1,320.00
89	02571	REMOVE AND REPLACE ASPHALT ROADWAY ASPHALT ROADWAY, INCLUDING 2" MINIMUM THICKNESS HMAC TYPE D, 8" MINIMUM THICKNESS BLACK BASE, SAWCUTTING, TACK COAT AND EXCAVATION	SY	350	Thirty-three DOLLARS AND no CENTS	33.00	11,550.00
90	02571	REMOVE AND REPLACE 8-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	350	Fifty DOLLARS AND no CENTS	50.00	17,500.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
91	02571	REMOVE AND REPLACE 4-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	250	Forty-two DOLLARS AND no CENTS	42.00	10,500.00
92	02571	REMOVE AND REPLACE 6-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING CURBS, SUBGRADE, REINFORCEMENT, AND JOINTS	SY	50	Forty-eight DOLLARS AND no CENTS	48.00	2400.00
93	01526	TRENCH SAFETY FOR ALL WATER LINE GREATER THAN 5' DEEP, INCLUDING INSTALLATION, OPERATION AND REMOVAL	LF	500	one DOLLARS AND no CENTS	1.00	500.00
94	01025	MISCELLANEOUS ALLOWANCE, AS DIRECTED BY THE ENGINEER	LS	1	TWENTY THOUSAND DOLLARS AND ZERO CENTS	$20,000.00	$ 20,000
		SUBTOTAL, WATERLINE IMPROVEMENTS					369,464.00
		SOIL MANAGEMENT PLAN					
95	02664	PREPARATORY WORK IN POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA) INCLUDING PREPARING ENVIRONMENTAL HEALTH AND SAFETY PLAN, PREPARING ENVIRONMENTAL WORK PLAN, TRAINING PERSONNEL, AND OBTAINING PERMITS AND ADDITIONAL INSURANCE AS APPLICABLE TO THE WORK	LS	1	seventeen thousand two hundred fifty DOLLARS AND no CENTS	17,250.00	17,250.00
96	02664	MONITORING AND FIELD SCREENING WITHIN THE PPCA	LS	1	seventeen thousand two hundred fifty DOLLARS AND CENTS	17,250.00	17,250.00
		SUBTOTAL, SOIL MANAGEMENT PLAN					34,500.00
		TOTAL BASE BID					3,151,481.50

29

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

ADDITIVE ALTERNATES

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ADDITIVE ALTERNATE NO. 1 - TREE REMOVAL AND REPLACEMENT					
1	0193	PLANT REPLACEMENT (TREES, ALL SIZES)	EA	145	Three-hundred forty DOLLARS AND no CENTS	340.00	49,300.00
		SUBTOTAL, ADDITIVE ALTERNATE NO. 1					49,300.00
		ADDITIVE ALTERNATE NO. 2 - DECORATIVE STREET LIGHTING					
1	0416	DRILL SHAFT (SIGN MTS) (18 IN)	LF	402	two-Hundred DOLLARS AND no CENTS	200.00	80,400.00
2	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	128	two-thousand-four Hundred DOLLARS AND no CENTS	2,400.00	307,200.00
3	0610	REMOVE RD IL ASM (SPECIAL)	EA	43	Ninety-eight DOLLARS AND no CENTS	98.00	4,214.00
4	0618	CONDT (PVC) (SCHD 40) (2")	LF	7,410	nine DOLLARS AND no CENTS	9.00	66,690.00
5	0620	ELEC CONDR (NO 8) BARE	LF	7,410	no DOLLARS AND ninety CENTS	0.90	6,669.00
6	0620	ELEC CONDR (NO. 8) INSULATED	LF	14,950	one DOLLARS AND thirty CENTS	1.30	19,435.00
7	0624	GROUND BOX TY A (122311) W/APRON	EA	13	Five-Hundred DOLLARS AND no CENTS	500.00	6,500.00
8	0628	ELC SRV TY A 120/240 100 (NS)SS(E)GC(O)	EA	2	three thousand-nine Hundred DOLLARS AND no CENTS	3,900.00	7,800.00
		SUBTOTAL, ADDITIVE ALTERNATE NO. 2					498,908.00
		TOTAL ADDITIVE ALTERNATES					548,208.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

SUPPLEMENTAL UNIT PRICE ITEMS (REQUIRE APPROVAL FROM THE ENGINEER PRIOR TO BEING USED)

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY CONSTRUCTION					
1	0265	FLY ASH FOR SUBGRADE PREP	TON	800	Eighty DOLLARS AND no CENTS	80.00	64,000.00
2	0624	GROUND BOX TY D (162922)	EA	1	Seven-Hundred DOLLARS AND no CENTS	700.00	700.00
3	0684	TRF SIG CBL (TY C) (14 AWG) (2 CONDR)	LF	600	one DOLLARS AND no CENTS	1.00	600.00
4	0688	VEH LP DETECT (SAWCUT)	LF	300	nine DOLLARS AND no CENTS	9.00	2,700.00
5	03061	FAST TRK CONC (CONT REINF HY STL) 11"	SY	12,000	Fifty-six DOLLARS AND no CENTS	56.00	672,000.00
		SOIL MANAGEMENT PLAN					
6	02664	SURCHARGE FOR EXCAVATION OF CONTAMINATED MATERIAL	CY	300	thirty-four DOLLARS AND Fifty CENTS	34.50	10,350.00
7	02664	DISPOSAL OF CLASS II CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Sixty-three DOLLARS AND no CENTS	63.00	9,450.00
8	02664	DISPOSAL OF CLASS I CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Seventy-five DOLLARS AND no CENTS	75.00	11,250.00
9	02664	CONTAMINATED WATER DISPOSAL	GAL	2,000	Eleven DOLLARS AND Fifty CENTS	11.50	23,000.00
		TOTAL SUPPLEMENTAL UNIT PRICE ITEMS					794,050.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BID SUMMARY

TOTAL - BASE BID 3,151,481.00

TOTAL - ADDITIVE ALTERNATES BID 548,208.00

TOTAL - BASE BID + ADDITIVE ALTERNATES BID 3,699,689.00

TOTAL - SUPPLEMENTAL UNIT PRICE ITEMS 794,050.00

This proposal consists of a Base Bid, two Additive Alternate Bids and Supplemental Unit Price Items For a bid to be considered responsive, all sections must be completed.

The County reserves the right to award the base bid without the alternates, or the base bid with either or both alternates, and the lowest responsible bidder will be determined based on which option the County selects

Either the Base Bid alone or the Base Bid with any combination of Additive Alternates may be awarded for contract, however, in no case will the Additive Alternates only be awarded The award of the contract will be based on the combination considered to be in the best interest of Galveston County.

All items of work required under this contract not specifically called for in the proposal as pay items shall be considered incidental to the various bid items and no separate payment shall be made for same

State of Texas Tax Statement of Materials and other charges:

The cost of in-place materials to be incorporated into the project $ 1,500,000.00

The cost of labor, profit, materials not in-place and all other charges $ 1,651,451.50

TOTAL (Must agree with bid) $ 3151,481.50

COPY

BID NUMBER B111042

BID PROPOSAL

The bidder hereby proposes to furnish all labor, material, equipment and incidentals for
TEXAS CITY 6TH STREET RECONSTRUCTION
Enclosed is a Certified Check, Cashier's Check or Bid Bond in the sum of 5% of the greatest amount bid.

Bidder agrees to perform in accordance with the requirements of the contract documents in consideration of payment by the County of the prices in this proposal

IN CASE OF DISCREPANCY BETWEEN UNIT PRICES AND EXTENDED PRICES, UNIT PRICES WILL GOVERN.

This bid sheet must be completely filled out in ink or typewritten with any necessary supplemental information attached.

The undersigned hereby agrees to all of the foregoing terms and provisions and to all terms and provisions of the contract, if awarded, which includes all provisions of Sections I - VI of this bid package

BIDDER	Triple B Services, L.L.P.
SIGNATURE	Donna Burke
PRINT NAME	Donna Burke
TITLE	Sr. Project Administrator
ADDRESS	820 Old Atascocita Rd.
CITY, STATE	Huffman, Texas
ZIP	77336
TELEPHONE	281-324-3264
FAX NO	281-324-1304
DATE	May 3, 2011
TAX I D No	76-0507104

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY WORK					
1	0100	PREPARING ROW	STA	48	Twenty three hundred fifty DOLLARS AND no CENTS	2350.00	112800.00
2	0104	REMOVING CONC & ASPHALT (PAVING) (ALL THICKNESSES)	SY	32,656	Two DOLLARS AND fifteen CENTS	2.15	70210.40
3	0104	REMOVING CONC (SIDEWALKS) (ALL THICKNESSES)	SY	8,220	one DOLLARS AND forty CENTS	1.40	11508.00
4	0104	REMOVING CONC & ASPHALT (DRIVEWAYS) (ALL THICKNESSES)	SY	1,645	Three DOLLARS AND Seventy five CENTS	3.75	6168.75
5	0104	REMOVING CONC (WHEELCHAIR RAMP) (ALL THICKNESSES)	SY	265	One DOLLARS AND forty CENTS	1.40	371.00
6	0104	REMOVE CONC (PAVERS)	SY	260	Eleven DOLLARS AND no CENTS	11.00	2860.00
7	0110	EXCAVATION (ROADWAY)	CY	1,880	Seven DOLLARS AND twenty five CENTS	7.25	13630.00
8	0132	EMBANKMENT (FINAL)(DENS CONT)(TY A)	CY	1,938	Fifteen DOLLARS AND fifty CENTS	15.50	30039.00
9	0162	BLOCK SODDING	SY	4,557	Two DOLLARS AND fifty CENTS	2.50	11392.50
10	0166	FERTILIZER	AC	0.94	seven hundred DOLLARS AND no CENTS	700.00	658.00
11	0168	VEGETATIVE WATERING	MG	113	Twenty DOLLARS AND no CENTS	20.00	2260.00
12	0260	LIME (HYD, COM OR QK) (SLRY) OR QK (DRY)	TON	565	One hundred fifty five DOLLARS AND no CENTS	155.00	87575.00
13	0265	LIME OR LFA TREAT SUBGRADE(8")	SY	35,168	Two DOLLARS AND twenty five CENTS	2.25	79128.00
14	0360	CONC PVMT (JOINTED-CPCD)(8")(4000 psi)	SY	31,392	Thirty three DOLLARS AND fifty CENTS	33.50	1051632.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
15	0416	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	30	One hundred twelve DOLLARS AND no CENTS	112.00	3360.00
16	0479	ADJ MANHS (SANITARY)	EA	3	Five hundred DOLLARS AND no CENTS	500.00	1500 00
17	0481	PVC PIPE (SCH 80)(3 IN)	LF	116	Eighteen DOLLARS AND no CENTS	18 00	2088 00
18	0500	MOBILIZATION (LIMIT TO 5% OF TOTAL BID)	LS	1	One hundred forty thousand DOLLARS AND no CENTS	140000.00	140000 00
19	0502	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	10	Eighty five hundred DOLLARS AND no CENTS	8500.00	85000 00
20	0506	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	1,111	Three DOLLARS AND thirty five CENTS	3.35	3721 85
21	0506	CONSTRUCTION EXITS (REMOVE)	SY	1,111	One DOLLARS AND no CENTS	1 00	1111.00
22	0506	CONSTRUCTION PERIMETER FENCE	LF	156	Fifteen DOLLARS AND no CENTS	15 00	2340 00
23	0506	SANDBAGS FOR EROSION CONTROL	EA	176	Six DOLLARS AND no CENTS	6.00	1056 00
24	0528	COLORED TEXTURED CONC (6")	SY	461	Ninety seven DOLLARS AND twenty five CENTS	97 25	44832 25
25	0528	LANDSCAPE PAVERS	SY	260	Eighty two DOLLARS AND fifty CENTS	82.50	21450.00
26	0529	CONC CURB (MONO) (TY II)	LF	8,850	Three DOLLARS AND ten CENTS	3.10	27435 00
27	0529	CONC CURB (DOWEL)	LF	1,200	Three DOLLARS AND sixty CENTS	3.60	4320 00
28	0530	DRIVEWAYS (CONC)	SY	1,078	Forty five DOLLARS AND eighty CENTS	45.80	49372.40

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO.	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
29	0531	CURB RAMPS (TY 1)	EA	64	Eleven hundred DOLLARS AND no CENTS	1100.00	70400.00
30	0531	CONC SIDEWLKS (4")	SY	7,854	Thirty DOLLARS AND eighty five CENTS	30 85	242295 90
31	0536	CONC MEDIAN (MONO NOSE)	SY	4	Four hundred sixty five DOLLARS AND no CENTS	465.00	1860.00
32	0550	CHAIN LINK FENCE (REPAIR) (6')	LF	145	Fifteen DOLLARS AND no CENTS	15.00	2175.00
33	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	4	Seventeen hundred fifty DOLLARS AND no CENTS	1750 00	7000.00
34	0618	CONDT (PVC) (SCHD 80) (3")	LF	345	Sixteen DOLLARS AND no CENTS	16 00	5520.00
35	0620	ELEC CONDUCTOR (NO 4) BARE	LF	10	Two DOLLARS AND no CENTS	2.00	20.00
36	0620	ELEC CONDUCTOR (NO 4) INSULATED	LF	20	Two DOLLARS AND no CENTS	2.00	40.00
37	0620	ELEC CONDUCTOR (NO 6) BARE	LF	505	One DOLLARS AND no CENTS	1 00	505.00
38	0624	GROUND BOX TY C (122422) W/APRON	EA	5	Four hundred seventy six DOLLARS AND no CENTS	476 00	2380.00
39	0628	ELC SRV TY D 120/240 060 (NS)SS(E)SP(O)	EA	1	Twenty seven hundred fifteen DOLLARS AND no CENTS	2715.00	2715.00
40	0636	ALUMINUM SIGNS (TY A)	SF	150	One DOLLARS AND no CENTS	1.00	150.00
41	0644	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	80	Two hundred ninety DOLLARS AND no CENTS	290.00	23200.00
42	0666	REFL PAY MRK TY I (W) 4" (BRK) (100 MIL)	LF	620	No DOLLARS AND forty five CENTS	0 45	279.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
43	0666	REFL PAY MRK TY I (W) 4" (SLD) (100 MIL)	LF	10,300	No DOLLARS AND forty CENTS	0.40	4120.00
44	0666	REFL PAY MRK TY I (W) 8" (SLD) (100 MIL)	LF	725	No DOLLARS AND eighty five CENTS	0 85	616 25
45	0666	REFL PAY MRK TY I (W) 12" (SLD) (100 MIL)	LF	2,925	Two DOLLARS AND eighty CENTS	2 80	8190.00
46	0666	REFL PAY MRK TY I (W) 24" (SLD) (100 MIL)	LF	148	Five DOLLARS AND twenty CENTS	5.20	769.60
47	0666	REFL PAY MRK TY I (W) (ARROW) (100 MIL)	EA	10	One hundred fifty DOLLARS AND no CENTS	150.00	1500 00
48	0666	REFL PAY MRK TY I (W) (DBL ARROW) (100 MIL)	EA	5	One hundred sixty DOLLARS AND no CENTS	160.00	800 00
49	0666	REFL PAY MRK TY I (W) (WORD) (100 MIL)	EA	11	One hundred fifty DOLLARS AND no CENTS	150 00	1650 00
50	0666	REFL PAY MRK TY I (Y) 4" (SLD) (100 MIL)	LF	3,742	No DOLLARS AND forty five CENTS	0 45	1683.90
51	0666	REFL PAV MRKR TY I-A	EA	124	Three DOLLARS AND ten CENTS	3.10	384 40
52	0668	PREFAB PAV MRK (ACC PRK)(BLU & WHT)LRG	EA	4	Two hundred eighty DOLLARS AND no CENTS	280 00	1120 00
53	0678	PAV SURF PREP FOR MRK (4")	LF	14,662	NO DOLLARS AND five CENTS	0 05	733 10
54	0678	PAV SURF PREP FOR MRK (8")	LF	725	NO DOLLARS AND ten CENTS	0.10	72.50
55	0678	PAV SURF PREP FOR MRK (12")	LF	2,925	NO DOLLARS AND fifteen CENTS	0 15	438.75
56	0678	PAV SURF PREP FOR MRK (24")	LF	148	NO DOLLARS AND thirty CENTS	0 30	44 40

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
57	0678	PAV SURF PREP FOR MRK (ARROW)	EA	10	Seven DOLLARS AND no CENTS	7.00	70 00
58	0678	PAV SURF PREP FOR MRK (DBL ARROW)	EA	5	Eight DOLLARS AND no CENTS	8.00	40 00
59	0678	PAV SURF PREP FOR MRK (SYMBOL)	EA	4	Seven DOLLARS AND no CENTS	7 00	28.00
60	0678	PAV SURF PREP FOR MRK (WORD)	EA	11	Seven DOLLARS AND no CENTS	7 00	77.00
61	0680	INSTALL OF HWY TRAF SIG (FLASH BEACON), WITH CONTROLLER (FLASHER W/CABINET), AND ROD (5/8" X 8' COPPER CLAD GROUND)	EA	1	Eight hundred eighty five DOLLARS AND no CENTS	885.00	885.00
62	0682	VEH SIG SEC (12 IN) LED (RED)	EA	4	Two hundred five DOLLARS AND no CENTS	205.00	820.00
63	0682	BACK PLATE (12 IN) (1 SEC)	EA	4	Forty seven DOLLARS AND no CENTS	47 00	188 00
64	0684	TRF SIG CBL (TY A) (12 AWG) (2 CONDR)	LF	1,135	No DOLLARS AND eighty CENTS	0.80	908.00
65	0684	TRF SIG CBL (TY A) (12 AWG) (3 CONDR)	LF	650	One DOLLARS AND no CENTS	1 00	650.00
66	0687	PED POLE ASSEMBLY	EA	1	Fourteen hundred DOLLARS AND no CENTS	1400.00	1400.00
67	1014	LANDSCAPE AMENITY (TREE GRATE)	EA	83	thirteen hundred fifty DOLLARS AND no CENTS	1350.00	112 050.00
68	1018	TREE PROTECTION (EXIST OAKS BETWEEN 3RD AVE N & 4TH AVE N)	EA	11	Six hundred seventy five DOLLARS AND no CENTS	675.00	7425.00
69	6007	REMOVING TRAFFIC SIGNALS	EA	1	Fifteen hundred DOLLARS AND no CENTS	1500.00	1500.00
		SUBTOTAL, ROADWAY WORK					2,374,522.95

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		WATERLINE IMPROVEMENTS					
70	02664	2" PVC (SCH 80) CLASS 200, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS , INCLUDING FITTINGS AND RESTRAINTS	LF	50	Thirty five DOLLARS AND no CENTS	35.00	1750.00
71	02664	6" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	180	Forty DOLLARS AND no CENTS	40.00	7200.00
72	02664	8" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	4,105	Fifty one DOLLARS AND fifty CENTS	51.50	211407.50
73	02664	12" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	260	Seventy DOLLARS AND no CENTS	70.00	18200.00
74	02640	8-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	29	Twelve hundred fifty DOLLARS AND no CENTS	1250.00	36250.00
75	02640	12-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	2	Twenty five hundred DOLLARS AND no CENTS	2500.00	5000.00
76	02645	FIRE HYDRANT ASSEMBLY, AWWA C502, MECHANICAL JOINT INLET, INCLUDING 6" GATE VALVE AND LEAD PIPE	EA	8	Thirty five hundred DOLLARS AND no CENTS	3500.00	28000.00
77	02645	REMOVE AND SALVAGE EXISTING FIRE HYDRANT AND VALVE, INCLUDING DELIVERING REMOVED HYDRANT AND VALVE TO THE CITY'S STORAGE YARD	EA	7	Two hundred DOLLARS AND no CENTS	200.00	1400.00
78	02669	ABANDON EXISTING WATER VALVES, ALL SIZES	EA	9	Two hundred DOLLARS AND no CENTS	200.00	1800.00
79	02626	8"X8" TAPPING SLEEVE AND VALVE ASSEMBLY, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	2	Forty two hundred DOLLARS AND no CENTS	4200.00	8400.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
80	02667	2" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	3	Three hundred twenty five DOLLARS AND no CENTS	325.00	975.00
81	02667	6" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	9	Five hundred fifty DOLLARS AND no CENTS	550.00	4950.00
82	02667	8" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	6	Seven hundred seventy five DOLLARS AND no CENTS	775.00	4650.00
83	02667	12" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	1	One thousand fifty DOLLARS AND no CENTS	1050.00	1050.00
84	02665	1" SINGLE LONG SIDE SERVICE RECONNECTION	EA	5	Six hundred twenty five DOLLARS AND no CENTS	625.00	3125.00
85	02665	1" SINGLE SHORT SIDE SERVICE RECONNECTION	EA	5	Four hundred thirty DOLLARS AND no CENTS	430.00	2150.00
86	02669	CUT AND PLUG AND ABANDON EXISTING 2" WATER LINE	EA	2	One DOLLARS AND no CENTS	1.00	2.00
87	02669	CUT AND PLUG AND ABANDON EXISTING 6" WATER LINE	EA	10	Fifty DOLLARS AND no CENTS	50.00	500.00
88	02669	CUT AND PLUG AND ABANDON EXISTING 8" WATER LINE	EA	6	Seventy five DOLLARS AND no CENTS	75.00	450.00
89	02571	REMOVE AND REPLACE ASPHALT ROADWAY ASPHALT ROADWAY, INCLUDING 2" MINIMUM THICKNESS HMAC TYPE D, 8" MINIMUM THICKNESS BLACK BASE, SAWCUTTING, TACK COAT AND EXCAVATION	SY	350	Sixty six DOLLARS AND ninety five CENTS	66.95	23432.50
90	02571	REMOVE AND REPLACE 8-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	350	Fifty five DOLLARS AND no CENTS	55.00	19250.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
91	02571	REMOVE AND REPLACE 4-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	250	Forty three DOLLARS AND fifty CENTS	43.50	10875.00
92	02571	REMOVE AND REPLACE 6-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING CURBS, SUBGRADE, REINFORCEMENT, AND JOINTS	SY	50	Fifty five DOLLARS AND eighty CENTS	55.80	2790.00
93	01526	TRENCH SAFETY FOR ALL WATER LINE GREATER THAN 5' DEEP, INCLUDING INSTALLATION, OPERATION AND REMOVAL	LF	500	NO DOLLARS AND ten CENTS	0.10	50.00
94	01025	MISCELLANEOUS ALLOWANCE, AS DIRECTED BY THE ENGINEER	LS	1	TWENTY THOUSAND DOLLARS AND ZERO CENTS	$20,000.00	$ 20,000
		SUBTOTAL, WATERLINE IMPROVEMENTS					413657.00
		SOIL MANAGEMENT PLAN					
95	02664	PREPARATORY WORK IN POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA) INCLUDING PREPARING ENVIRONMENTAL HEALTH AND SAFETY PLAN, PREPARING ENVIRONMENTAL WORK PLAN, TRAINING PERSONNEL, AND OBTAINING PERMITS AND ADDITIONAL INSURANCE AS APPLICABLE TO THE WORK	LS	1	Fifteen thousand DOLLARS AND NO CENTS	15000.00	15000.00
96	02664	MONITORING AND FIELD SCREENING WITHIN THE PPCA	LS	1	Five thousand DOLLARS AND NO CENTS	5000.00	5000.00
		SUBTOTAL, SOIL MANAGEMENT PLAN					20000.00
		TOTAL BASE BID					2,808,179.95

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

ADDITIVE ALTERNATES

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ADDITIVE ALTERNATE NO. 1 - TREE REMOVAL AND REPLACEMENT					
1	0193	PLANT REPLACEMENT (TREES, ALL SIZES)	EA	145	Six hundred fifteen DOLLARS AND zero CENTS	615.00	89175.00
		SUBTOTAL, ADDITIVE ALTERNATE NO. 1					89175.00
		ADDITIVE ALTERNATE NO. 2 - DECORATIVE STREET LIGHTING					
1	0416	DRILL SHAFT (SIGN MTS) (18 IN)	LF	402	One hundred ten DOLLARS AND zero CENTS	110.00	44220.00
2	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	128	Twenty one hundred fifty DOLLARS AND zero CENTS	2150.00	275200.00
3	0610	REMOVE RD IL ASM (SPECIAL)	EA	43	Eighty five DOLLARS AND zero CENTS	85.00	3655.00
4	0618	CONDT (PVC) (SCHD 40) (2")	LF	7,410	Seven DOLLARS AND sixty CENTS	7.60	56316.00
5	0620	ELEC CONDR (NO 8) BARE	LF	7,410	zero DOLLARS AND sixty CENTS	0.60	4446.00
6	0620	ELEC CONDR (NO 8) INSULATED	LF	14,950	one DOLLARS AND ten CENTS	1.10	16445.00
7	0624	GROUND BOX TY A (122311) W/APRON	EA	13	Four hundred forty five DOLLARS AND zero CENTS	445.00	5785.00
8	0628	ELC SRV TY A 120/240 100 (NS)SS(E)GC(O)	EA	2	Thirty four hundred DOLLARS AND zero CENTS	3400.00	6800.00
		SUBTOTAL, ADDITIVE ALTERNATE NO. 2					412867.00
		TOTAL ADDITIVE ALTERNATES					502042.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

SUPPLEMENTAL UNIT PRICE ITEMS (REQUIRE APPROVAL FROM THE ENGINEER PRIOR TO BEING USED)

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY CONSTRUCTION					
1	0265	FLY ASH FOR SUBGRADE PREP	TON	800	Eighty DOLLARS AND zero CENTS	80.00	64000.00
2	0624	GROUND BOX TY D (162922)	EA	1	Six hundred ten DOLLARS AND zero CENTS	610.00	610.00
3	0684	TRF SIG CBL (TY C) (14 AWG) (2 CONDR)	LF	600	zero DOLLARS AND eighty CENTS	0.80	480.00
4	0688	VEH LP DETECT (SAWCUT)	LF	300	Eight DOLLARS AND zero CENTS	8.00	2400.00
5	03061	FAST TRK CONC (CONT REINF HY STL) 11"	SY	12,000	Sixty eight DOLLARS AND seventy five CENTS	68.75	825000.00
		SOIL MANAGEMENT PLAN					
6	02664	SURCHARGE FOR EXCAVATION OF CONTAMINATED MATERIAL	CY	300	Ten DOLLARS AND zero CENTS	10.00	3000.00
7	02664	DISPOSAL OF CLASS II CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Ninety five DOLLARS AND zero CENTS	95.00	14250.00
8	02664	DISPOSAL OF CLASS I CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Sixty five DOLLARS AND zero CENTS	65.00	9750.00
9	02664	CONTAMINATED WATER DISPOSAL	GAL	2,000	Three DOLLARS AND zero CENTS	3.00	6000.00
		TOTAL SUPPLEMENTAL UNIT PRICE ITEMS					925490.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BID SUMMARY

TOTAL - BASE BID 2,808,179.95

TOTAL - ADDITIVE ALTERNATES BID 502,042.00

TOTAL - BASE BID + ADDITIVE ALTERNATES BID 3,310,221.95

TOTAL - SUPPLEMENTAL UNIT PRICE ITEMS 925,490.00

This proposal consists of a Base Bid, two Additive Alternate Bids and Supplemental Unit Price Items For a bid to be considered responsive, all sections must be completed

The County reserves the right to award the base bid without the alternates, or the base bid with either or both alternates, and the lowest responsible bidder will be determined based on which option the County selects

Either the Base Bid alone or the Base Bid with any combination of Additive Alternates may be awarded for contract, however, in no case will the Additive Alternates only be awarded The award of the contract will be based on the combination considered to be in the best interest of Galveston County

All items of work required under this contract not specifically called for in the proposal as pay items shall be considered incidental to the various bid items and no separate payment shall be made for same

State of Texas Tax Statement of Materials and other charges

The cost of in-place materials to be incorporated into the project $ 1,100,000.00

The cost of labor, profit, materials not in-place and all other charges $ 1,708,179.95

TOTAL: (Must agree with bid) $ 2,808,179.95

BID NUMBER B111042

BID PROPOSAL

The bidder hereby proposes to furnish all labor, material, equipment and incidentals for:

TEXAS CITY 6TH STREET RECONSTRUCTION

Enclosed is a Certified Check, Cashier's Check or Bid Bond in the sum of 5% of the greatest amount bid.

Bidder agrees to perform in accordance with the requirements of the contract documents in consideration of payment by the County of the prices in this proposal

IN CASE OF DISCREPANCY BETWEEN UNIT PRICES AND EXTENDED PRICES, UNIT PRICES WILL GOVERN.

This bid sheet must be completely filled out in ink or typewritten with any necessary supplemental information attached.

The undersigned hereby agrees to all of the foregoing terms and provisions and to all terms and provisions of the contract, if awarded, which includes all provisions of Sections I - VI of this bid package.

BIDDER	Metro City Constrctuion, L.P
SIGNATURE	Robert N Smither
PRINT NAME	Robert N Smither
TITLE	Chef Estimator
ADDRESS	5715 Luce Street
CITY, STATE	Houston, Texas
ZIP	77087
TELEPHONE	713-943-0090
FAX NO	713-943-0092
DATE	5/3/2011
TAX I D No	51-0446360

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY WORK					
1	0100	PREPARING ROW	STA	48	Two Hundred DOLLARS AND No CENTS	200.00	9,600.00
2	0104	REMOVING CONC & ASPHALT (PAVING) (ALL THICKNESSES)	SY	32,656	One DOLLARS AND Forty CENTS	1.40	45,718.40
3	0104	REMOVING CONC (SIDEWALKS) (ALL THICKNESSES)	SY	8,220	One DOLLARS AND Twenty Five CENTS	1.25	10,275.00
4	0104	REMOVING CONC & ASPHALT (DRIVEWAYS) (ALL THICKNESSES)	SY	1,645	One DOLLARS AND Twenty Five CENTS	1 25	2,056.25
5	0104	REMOVING CONC (WHEELCHAIR RAMP) (ALL THICKNESSES)	SY	265	One DOLLARS AND Twenty Five CENTS	1.25	331.25
6	0104	REMOVE CONC (PAVERS)	SY	260	One DOLLARS AND Twenty Five CENTS	1.25	325.00
7	0110	EXCAVATION (ROADWAY)	CY	1,880	Nine DOLLARS AND No CENTS	9.00	16.920.00
8	0132	EMBANKMENT (FINAL)(DENS CONT)(TY A)	CY	1,938	Twelve DOLLARS AND No CENTS	12.00	23,256.00
9	0162	BLOCK SODDING	SY	4,557	Three DOLLARS AND Sixty CENTS	3.60	16,405.20
10	0166	FERTILIZER	AC	0.94	Six Hundred DOLLARS AND No CENTS	600.00	546.00
11	0168	VEGETATIVE WATERING	MG	113	Thirty DOLLARS AND No CENTS	30.00	3,390.00
12	0260	LIME (HYD, COM OR QK) (SLRY) OR QK (DRY)	TON	565	One Hundred Forty Nine DOLLARS AND No CENTS	149.00	84,185.00
13	0265	LIME OR LFA TREAT SUBGRADE(8")	SY	35,168	Two DOLLARS AND Thirty CENTS	2.30	80,886.40
14	0360	CONC PVMT (JOINTED-CPCD)(8")(4000 psi)	SY	31,392	Forty Two DOLLARS AND No CENTS	42 00	1,318,464 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
15	0416	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	30	One Hundred Thirty Three DOLLARS AND No CENTS	133.00	3,990.00
16	0479	ADJ MANHS (SANITARY)	EA	3	Three Hundred DOLLARS AND No CENTS	300.00	900.00
17	0481	PVC PIPE (SCH 80)(3 IN)	LF	116	Thirteen DOLLARS AND No CENTS	13.00	1,508.00
18	0500	MOBILIZATION (LIMIT TO 5% OF TOTAL BID)	LS	1	One Hundred Fifteen Thousand DOLLARS AND No CENTS	115,000 00	115,000 00
19	0502	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	10	Twenty Nine Hundred DOLLARS AND No CENTS	2,900 00	29,000 00
20	0506	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	1,111	Twelve DOLLARS AND No CENTS	12 00	13,332.00
21	0506	CONSTRUCTION EXITS (REMOVE)	SY	1,111	One DOLLARS AND No CENTS	1.00	1,111.00
22	0506	CONSTRUCTION PERIMETER FENCE	LF	156	Two DOLLARS AND Fifty CENTS	2.50	390.00
23	0506	SANDBAGS FOR EROSION CONTROL	EA	176	Ten DOLLARS AND No CENTS	10.00	1,760.00
24	0528	COLORED TEXTURED CONC (6")	SY	461	Fifty Six DOLLARS AND No CENTS	56 00	25,816 00
25	0528	LANDSCAPE PAVERS	SY	260	Sixty DOLLARS AND No CENTS	60 00	15,600 00
26	0529	CONC CURB (MONO) (TY II)	LF	8,850	Two DOLLARS AND Fifty CENTS	2 50	22,125.00
27	0529	CONC CURB (DOWEL)	LF	1,200	Three DOLLARS AND Fifty CENTS	3 50	4,200 00
28	0530	DRIVEWAYS (CONC)	SY	1,078	Fifty Five DOLLARS AND No CENTS	55.00	59,290 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
29	0531	CURB RAMPS (TY 1)	EA	64	Eleven Hundred DOLLARS AND No CENTS	1,100 00	70,400 00
30	0531	CONC SIDEWLKS (4")	SY	7,854	Forty Seven DOLLARS AND Seventy CENTS	47.70	374,635 80
31	0536	CONC MEDIAN (MONO NOSE)	SY	4	Forty Seven DOLLARS AND No CENTS	47 00	188.00
32	0550	CHAIN LINK FENCE (REPAIR) (6')	LF	145	Twelve DOLLARS AND No CENTS	12 00	1,740 00
33	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	4	Twenty Seven Hundred Sixty Five DOLLARS AND No CENTS	2,765 00	11,060.00
34	0618	CONDT (PVC) (SCHD 80) (3")	LF	345	Thirteen DOLLARS AND Thirty CENTS	13 30	4,588 50
35	0620	ELEC CONDUCTOR (NO 4) BARE	LF	10	Three DOLLARS AND Eighty CENTS	3.80	38 00
36	0620	ELEC CONDUCTOR (NO 4) INSULATED	LF	20	Three DOLLARS AND Eighty CENTS	3 80	76 00
37	0620	ELEC CONDUCTOR (NO 6) BARE	LF	505	Three DOLLARS AND Forty Five CENTS	3.45	1,742 25
38	0624	GROUND BOX TY C (122422) W/APRON	EA	5	Eight Hundred Thirty Four DOLLARS AND No CENTS	834 00	4,170 00
39	0628	ELC SRV TY D 120/240 060 (NS)SS(E)SP(O)	EA	1	Twenty Five Hundred Fifty Nine DOLLARS AND No CENTS	2,559 00	2,559 00
40	0636	ALUMINUM SIGNS (TY A)	SF	150	Thirty Eight DOLLARS AND No CENTS	38 00	5,700 00
41	0644	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	80	Three Hundred Twenty Two DOLLARS AND No CENTS	322 00	25,760.00
42	0666	REFL PAV MRK TY I (W) 4" (BRK) (100 MIL)	LF	620	No DOLLARS AND Fifty CENTS	0 50	310 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
43	0666	REFL PAY MRK TY I (W) 4" (SLD) (100 MIL)	LF	10,300	No DOLLARS AND Forty Three CENTS	0.43	4,429.00
44	0666	REFL PAY MRK TY I (W) 8" (SLD) (100 MIL)	LF	725	No DOLLARS AND Ninety Four CENTS	0.94	681.50
45	0666	REFL PAY MRK TY I (W) 12" (SLD) (100 MIL)	LF	2,925	Three DOLLARS AND Ten CENTS	3.10	9,067.50
46	0666	REFL PAY MRK TY I (W) 24" (SLD) (100 MIL)	LF	148	Five DOLLARS AND Eighty CENTS	5.80	858.40
47	0666	REFL PAY MRK TY I (W) (ARROW) (100 MIL)	EA	10	One Hundred Sixty Seven DOLLARS AND No CENTS	167.00	1,670 00
48	0666	REFL PAY MRK TY I (W) (DBL ARROW) (100 MIL)	EA	5	One Hundred Seventy Eight DOLLARS AND No CENTS	178.00	890.00
49	0666	REFL PAY MRK TY I (W) (WORD) (100 MIL)	EA	11	One Hundred Sixty Seven DOLLARS AND No CENTS	167.00	1,837.00
50	0666	REFL PAY MRK TY I (Y) 4" (SLD) (100 MIL)	LF	3,742	No DOLLARS AND Fifty CENTS	0.50	1,871.00
51	0666	REFL PAV MRKR TY I-A	EA	124	Three DOLLARS AND Forty Five CENTS	3.45	427.80
52	0668	PREFAB PAV MRK (ACC PRK)(BLU & WHT)LRG	EA	4	Three Hundred Eleven DOLLARS AND No CENTS	311.00	1,244.00
53	0678	PAV SURF PREP FOR MRK (4")	LF	14,662	No DOLLARS AND Five CENTS	0.05	733 10
54	0678	PAV SURF PREP FOR MRK (8")	LF	725	No DOLLARS AND Twelve CENTS	0.12	87.00
55	0678	PAV SURF PREP FOR MRK (12")	LF	2,925	No DOLLARS AND Fourteen CENTS	0.14	409.50
56	0678	PAV SURF PREP FOR MRK (24")	LF	148	No DOLLARS AND Thirty CENTS	0.30	44.40

35

BID FORM

TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
57	0678	PAV SURF PREP FOR MRK (ARROW)	EA	10	Seven DOLLARS AND Fifty CENTS	7.50	75 00
58	0678	PAV SURF PREP FOR MRK (DBL ARROW)	EA	5	Nine DOLLARS AND Thirty Five CENTS	9 35	46.75
59	0678	PAV SURF PREP FOR MRK (SYMBOL)	EA	4	Seven DOLLARS AND Fifty CENTS	7.50	30.00
60	0678	PAV SURF PREP FOR MRK (WORD)	EA	11	Seven DOLLARS AND Fifty CENTS	7.50	82.50
61	0680	INSTALL OF HWY TRAF SIG (FLASH BEACON), WITH CONTROLLER (FLASHER W/CABINET), AND ROD (5/8" X 8' COPPER CLAD GROUND)	EA	1	Fifty Eight Hundred Ten DOLLARS AND No CENTS	5,810 00	5,810 00
62	0682	VEH SIG SEC (12 IN) LED (RED)	EA	4	Three Hundred Seventeen DOLLARS AND No CENTS	317 00	1,268 00
63	0682	BACK PLATE (12 IN) (1 SEC)	EA	4	Forty Four DOLLARS AND Fifty CENTS	44 50	178.00
64	0684	TRF SIG CBL (TY A) (12 AWG) (2 CONDR)	LF	1,135	One DOLLARS AND Fifty CENTS	1 50	1,702.50
65	0684	TRF SIG CBL (TY A) (12 AWG) (3 CONDR)	LF	650	One DOLLARS AND Eighty CENTS	1 80	1,170 00
66	0687	PED POLE ASSEMBLY	EA	1	Thirteen Hundred Thirty Five DOLLARS AND No CENTS	1,335.00	1,335 00
67	1014	LANDSCAPE AMENITY (TREE GRATE)	EA	83	Twelve Hundred Twenty DOLLARS AND No CENTS	1,220.00	101,260.00
68	1018	TREE PROTECTION (EXIST OAKS BETWEEN 3RD AVE N & 4TH AVE N)	EA	11	One Hundred Ten DOLLARS AND No CENTS	110.00	1,210.00
69	6007	REMOVING TRAFFIC SIGNALS	EA	1	Forty Six Hundred Seventy DOLLARS AND No CENTS	4,670 00	4,670 00
		SUBTOTAL, ROADWAY WORK					2,552,454 00

BID FORM

TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		WATERLINE IMPROVEMENTS					
70	02664	2" PVC (SCH 80) CLASS 200, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS , INCLUDING FITTINGS AND RESTRAINTS	LF	50	Twenty Eight DOLLARS AND No CENTS	28.00	1,400 00
71	02664	6" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	180	Thirty Four DOLLARS AND No CENTS	34 00	6,120.00
72	02664	8" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	4,105	Twenty Seven DOLLARS AND No CENTS	27 00	110,835.00
73	02664	12" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	260	Forty Four DOLLARS AND No CENTS	44.00	11,440.00
74	02640	8-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	29	Twelve Hundred Eighty Six DOLLARS AND No CENTS	1,286 00	37,294 00
75	02640	12-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	2	Twenty Nine Hundred Seventy Six DOLLARS AND No CENTS	2,976.00	5,952.00
76	02645	FIRE HYDRANT ASSEMBLY, AWWA C502, MECHANICAL JOINT INLET, INCLUDING 6" GATE VALVE AND LEAD PIPE	EA	8	Thirty One Hundred Eighty Five DOLLARS AND No CENTS	3,185.00	25,480 00
77	02645	REMOVE AND SALVAGE EXISTING FIRE HYDRANT AND VALVE, INCLUDING DELIVERING REMOVED HYDRANT AND VALVE TO THE CITY'S STORAGE YARD	EA	7	One Hundred Nine DOLLARS AND No CENTS	109 00	763 00
78	02669	ABANDON EXISTING WATER VALVES, ALL SIZES	EA	9	Five Hundred Eight DOLLARS AND No CENTS	508.00	4,572 00
79	02626	8"X8" TAPPING SLEEVE AND VALVE ASSEMBLY, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	2	Thirty One Hundred Seventy Seven DOLLARS AND No CENTS	3,177 00	6,354 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
80	02667	2" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	3	One Hundred Sixteen DOLLARS AND No CENTS	116 00	348 00
81	02667	6" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	9	Six Hundred Eighty Seven DOLLARS AND No CENTS	687 00	6,183 00
82	02667	8" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	6	Eight Hundred Seventy DOLLARS AND No CENTS	870 00	5,220 00
83	02667	12" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	1	Twelve Hundred Seventeen DOLLARS AND No CENTS	1,217.00	1,217.00
84	02665	1" SINGLE LONG SIDE SERVICE RECONNECTION	EA	5	Eleven Hundred DOLLARS AND No CENTS	1,100.00	5,500 00
85	02665	1" SINGLE SHORT SIDE SERVICE RECONNECTION	EA	5	Seven Hundred Fifty DOLLARS AND No CENTS	750 00	3,750.00
86	02669	CUT AND PLUG AND ABANDON EXISTING 2" WATER LINE	EA	2	Thirty DOLLARS AND No CENTS	30 00	60 00
87	02669	CUT AND PLUG AND ABANDON EXISTING 6" WATER LINE	EA	10	One Hundred Eight Six DOLLARS AND No CENTS	186 00	1,860 00
88	02669	CUT AND PLUG AND ABANDON EXISTING 8" WATER LINE	EA	6	Two Hundred Thirty Eight DOLLARS AND No CENTS	238.00	1,428 00
89	02571	REMOVE AND REPLACE ASPHALT ROADWAY ASPHALT ROADWAY, INCLUDING 2" MINIMUM THICKNESS HMAC TYPE D, 8" MINIMUM THICKNESS BLACK BASE, SAWCUTTING, TACK COAT AND EXCAVATION	SY	350	Forty DOLLARS AND No CENTS	40 00	14,000 00
90	02571	REMOVE AND REPLACE 8-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	350	Fifty DOLLARS AND No CENTS	50 00	17,500.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
91	02571	REMOVE AND REPLACE 4-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	250	Fifty DOLLARS AND No CENTS	50.00	12,500.00
92	02571	REMOVE AND REPLACE 6-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING CURBS, SUBGRADE, REINFORCEMENT, AND JOINTS	SY	50	Fifty DOLLARS AND No CENTS	50.00	2,500.00
93	01526	TRENCH SAFETY FOR ALL WATER LINE GREATER THAN 5' DEEP, INCLUDING INSTALLATION, OPERATION AND REMOVAL	LF	500	No DOLLARS AND Ten CENTS	0.10	50.00
94	01025	MISCELLANEOUS ALLOWANCE, AS DIRECTED BY THE ENGINEER	LS	1	TWENTY THOUSAND DOLLARS AND ZERO CENTS	$20,000.00	$ 20,000
		SUBTOTAL, WATERLINE IMPROVEMENTS					302,326.00
		SOIL MANAGEMENT PLAN					
95	02664	PREPARATORY WORK IN POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA) INCLUDING PREPARING ENVIRONMENTAL HEALTH AND SAFETY PLAN, PREPARING ENVIRONMENTAL WORK PLAN, TRAINING PERSONNEL, AND OBTAINING PERMITS AND ADDITIONAL INSURANCE AS APPLICABLE TO THE WORK	LS	1	Five Thousand DOLLARS AND No CENTS	5,000 00	5,000 00
96	02664	MONITORING AND FIELD SCREENING WITHIN THE PPCA	LS	1	Five Thousand DOLLARS AND No CENTS	5,000 00	5,000 00
		SUBTOTAL, SOIL MANAGEMENT PLAN					10,000.00
		TOTAL BASE BID					2,864,780.00

BID FORM

TEXAS CITY 6TH STREET RECONSTRUCTION

ADDITIVE ALTERNATES

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ADDITIVE ALTERNATE NO 1 - TREE REMOVAL AND REPLACEMENT					
1	0193	PLANT REPLACEMENT (TREES, ALL SIZES)	EA	145	Five Hundred Fifty Six DOLLARS AND No CENTS	556.00	80,620.00
		SUBTOTAL, ADDITIVE ALTERNATE NO. 1					80,620.00
		ADDITIVE ALTERNATE NO. 2 - DECORATIVE STREET LIGHTING					
1	0416	DRILL SHAFT (SIGN MTS) (18 IN)	LF	402	One Hundred Twenty Two DOLLARS AND No CENTS	122.00	49,044 00
2	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	128	Eighteen Hundred DOLLARS AND No CENTS	1,800 00	230,400 00
3	0610	REMOVE RD IL ASM (SPECIAL)	EA	43	Eight Hundred Fifty Nine DOLLARS AND No CENTS	859.00	36,937.00
4	0618	CONDT (PVC) (SCHD 40) (2")	LF	7,410	Nine DOLLARS AND No CENTS	9 00	66,690 00
5	0620	ELEC CONDR (NO. 8) BARE	LF	7,410	One DOLLARS AND Forty Five CENTS	1 45	10,744 50
6	0620	ELEC CONDR (NO 8) INSULATED	LF	14,950	One DOLLARS AND Forty Five CENTS	1.45	21,677 50
7	0624	GROUND BOX TY A (122311) W/APRON	EA	13	Eight Hundred Thirty Four DOLLARS AND No CENTS	834 00	10,842.00
8	0628	ELC SRV TY A 120/240 100 (NS)SS(E)GC(O)	EA	2	Thirty Five Hundred Sixty DOLLARS AND No CENTS	3,560 00	7,120.00
		SUBTOTAL, ADDITIVE ALTERNATE NO. 2					433,455.00
		TOTAL ADDITIVE ALTERNATES					514,075 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

SUPPLEMENTAL UNIT PRICE ITEMS (REQUIRE APPROVAL FROM THE ENGINEER PRIOR TO BEING USED)

ITEM NO.	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY CONSTRUCTION					
1	0265	FLY ASH FOR SUBGRADE PREP	TON	800	Fifty Eight DOLLARS AND No CENTS	58.00	46,400.00
2	0624	GROUND BOX TY D (162922)	EA	1	Eight Hundred Thirty Four DOLLARS AND No CENTS	834.00	834.00
3	0684	TRF SIG CBL (TY C) (14 AWG) (2 CONDR)	LF	600	Two DOLLARS AND No CENTS	2.00	1,200.00
4	0688	VEH LP DETECT (SAWCUT)	LF	300	Eight DOLLARS AND Ninety CENTS	8.90	2,670.00
5	03061	FAST TRK CONC (CONT REINF HY STL) 11"	SY	12,000	Seventy Six DOLLARS AND No CENTS	76.00	912,000,00
		SOIL MANAGEMENT PLAN					
6	02664	SURCHARGE FOR EXCAVATION OF CONTAMINATED MATERIAL	CY	300	Five DOLLARS AND No CENTS	5.00	1,500.00
7	02664	DISPOSAL OF CLASS II CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Fifty Five DOLLARS AND No CENTS	55.00	8,250.00
8	02664	DISPOSAL OF CLASS I CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Sixty Six DOLLARS AND No CENTS	66.00	9,900.00
9	02664	CONTAMINATED WATER DISPOSAL	GAL	2,000	One DOLLARS AND No CENTS	1.00	2,000.00
		TOTAL SUPPLEMENTAL UNIT PRICE ITEMS					984,754.00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BID SUMMARY

TOTAL - BASE BID 2,864,780 00

TOTAL - ADDITIVE ALTERNATES BID 514,075.00

TOTAL - BASE BID + ADDITIVE ALTERNATES BID 3,378,855.00

TOTAL - SUPPLEMENTAL UNIT PRICE ITEMS 984,754 00

This proposal consists of a Base Bid, two Additive Alternate Bids and Supplemental Unit Price Items For a bid to be considered responsive, all sections must be completed

The County reserves the right to award the base bid without the alternates, or the base bid with either or both alternates, and the lowest responsible bidder will be determined based on which option the County selects

Either the Base Bid alone or the Base Bid with any combination of Additive Alternates may be awarded for contract, however, in no case will the Additive Alternates only be awarded The award of the contract will be based on the combination considered to be in the best interest of Galveston County.

All items of work required under this contract not specifically called for in the proposal as pay items shall be considered incidental to the various bid items and no separate payment shall be made for same

State of Texas Tax Statement of Materials and other charges·

The cost of in-place materials to be incorporated into the project $ 1,400,000.00

The cost of labor, profit, materials not in-place and all other charges $ 1,978.855.00

TOTAL (Must agree with bid) $ 3,378,855.00

I acknowledge having received a voice mail from Mr Gregory R. Lushbaugh P.E. on Saturday April 30th 2011 concerning striping items for temporary traffic control.

Robert N. Smither

THE COUNTY OF
GALVESTON
Office of the County Engineer
722 MOODY, 1st FLOOR
GALVESTON, TX 77550
(409) 770-5399 (409) 770-5549 (281) 316-8300
FAX (409) 770-5559

Transmittal

To: **Patricia Grady**

From: Mike Fitzgerald

Date: June 27, 2011

Re: Texas City 6th Street Reconstruction

Cc: Dwight Sullivan

On June 21, 2011 the Commissioners' Court (agenda item no 16a) awarded the above referenced project.

Please have the Judge sign all four contracts in the place indicated. Please let me know when they are ready and we will pick them up and deliver them to the County Clerk

COUNTY OF GALVESTON

SPECIFICATIONS AND CONTRACT DOCUMENTS

TEXAS CITY

6TH STREET RECONSTRUCTION

COUNTY OF GALVESTON

SPECIFICATIONS AND CONTRACT DOCUMENTS

TEXAS CITY

6TH STREET RECONSTRUCTION

STATE OF TEXAS
GREGORY R. LUSHBAUGH
90211
LICENSED
PROFESSIONAL ENGINEER

4-8-2011
Engineer

Brown & Gay Engineers, Inc
TBPE Registration No F-1046

STATE OF TEXAS
KERRY E. LACKEY
97366
LICENSED
PROFESSIONAL ENGINEER

4-8-2011
Engineer (Water Line Work Only)

HDR | Claunch & Miller, Inc
TBPE Registration No F-754

County of Galveston

Addendum #1
Issued April 15, 2011

Brown & Gay Engineers, Inc on behalf of the County of Galveston, Texas is now issuing the following addendum for

BID #B111042
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS
Bid Opening Date: 2:00 P.M., May 3, 2011

Changes to Documents

1 Plan Sheet 26 Remove Plan Sheet 26 in its entirety, and replace with the attached Plan Sheet 26 This plan sheet has been revised to include information regarding the Soil Management Plan

2 Specification Section 02105 Remove Specification Section 02105 – SOIL MANAGEMENT PLAN-POTENTIALLY CONTAMINATED SOIL/WATER MANAGEMENT in its entirety, and replace with the attached Specification Section 02105 – SOIL MANAGEMENT PLAN-POTENTIALLY CONTAMINATED SOIL/WATER MANAGEMENT, Addendum #1 This specification section has been revised to include information regarding the Soil Management Plan

Any questions regarding this addendum may be directed to my attention at (281) 558-8700

STATE OF TEXAS
GREGORY R. LUSHBAUGH
90211
LICENSED
PROFESSIONAL ENGINEER

4-15-2011

Brown & Gay Engineers Inc
TBPE Registration No F-1046

9th Ave N
(100 R O W)

STA 39+4 0 82' LT
1-8 WET CONNECTION

STA 39+47 0 62 LT
NOTE CONTRACTOR TO REMOVE & SALVAGE FIRE HYDRANT ASSEMBLY & VALVE AND CONNECT PROPOSED 8 WATER LINE TO 8 WATER LINE (BY OTHERS)

STA 39+47 0 62
NOTE CONTRACTOR MADE AWARE THAT THE EXISTING 8" WATER LINE IS PROPOSED AS PART OF ANOTHER PROJECT. THE CONTRACTOR SHALL COORDINATE WITH THE CITY FOR THE PROPOSED 8 WATER LINE TIE IN.

STA 39+87 0 47 LT
1-8 GVABOX
1-8"X8 TEE
1-6 GVABOX
1-FIRE HYDRANT

PROP WATER LINE AND FH BY OTHERS

Match Line Sta 38+00 See Sheet 25

Match Line Sta 42+00 See Sheet 27

STA 38+50
START OF PPCA

STA 41+00
END OF PPCA

6 TH Street (Loop 197)

(M) 5 X POTENTIAL PETROLEUM CONTAMINATED AREA (PPCA)
REFER TO SPECIFICATION SECTION 01356 SOIL MANAGEMENT PLAN

NOTE
SEE 9TH AVE PROJECT

West Top of Curb

STA 38+50
START OF PPCA

STA 41+00
END OF PPCA

PROP 8" PVC WATER LINE

PROP 8" PVC WATER LINE

38+00 39+00 40+00 41+00 42+00

THESE DRAWINGS ARE BASED ON SURVEY DATA AND INFORMATION PROVIDED BY OTHERS AND DOES NOT NECESSARILY REPRESENT THE ACTUAL LOCATION, DEPTH, SIZE AND EXISTENCE OF EXISTING UTILITIES AND PHYSICAL FEATURES. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.

NOTES:

1. THE CONTRACTOR SHALL BE AWARE THAT THE EXISTING UTILITIES, INCLUDING PIPELINES, MAY NOT HAVE BEEN FIELD VERIFIED. THE CONTRACTOR SHALL CONTACT ALL ENTITIES AND VERIFY ALL UTILITIES AND PIPELINES IN THE FIELD PRIOR TO CONSTRUCTION. (NO SEPARATE PAY)
2. THE CONTRACTOR SHALL ACCOMPLISH ALL WATER LINE CONSTRUCTION ACROSS ALL ROADWAYS, DRIVEWAYS, AND TREES (WHERE OR WHEN SHOWN ON PLAN DRAWINGS) AND ANY OTHER SPECIAL AREAS IDENTIFIED IN THE FIELD BY AUGER CONSTRUCTION.
3. ALL WATER MAINS AND SERVICE LINES SHALL BE TESTED AND DISINFECTED AS PER THE SPECIFICATIONS.
4. THE LOCATIONS OF THE PROPOSED FIRE HYDRANTS AND VALVES SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED WITH THE CITY PRIOR TO THEIR ALLOCATION.
5. FITTINGS ARE INCIDENTAL PER THE SPECIFICATIONS.
6. ALL EXCAVATIONS 5 FEET DEEP OR GREATER REQUIRE A TRENCH SAFETY SYSTEM. TRENCH SYSTEMS OR TRENCHES MUST BE SLOPED, SHORED, SHIELDED, OR STALLED, BE USED PER OSHA REQUIREMENTS.

LEGEND

- PROP FIRE HYDRANT
- PROP GATE VALVE
- PROP 8" TAPPING SLEEVE & VALVE
- PROP 8" WATER METER & BOX
- PROPOSED WATER LINE CONNECTION
- PROP 8" REDUCER
- PROP 8" PLUG
- PAVEMENT REMOVAL & REPLACEMENT LIMITS

LEGEND

(1) AUGER CONSTRUCTION LOCATION
(2) PROP MINIMUM 3' JOINT DEPTH BELOW TELEPHONE & ELECTRIC UNDERGROUND CONNECTION TO EXISTING WATER LINE
(3) ABANDON EXISTING WATER LINE
(4) PROP JOINT TIE WATER SERVICE INSTALLATION
(5) PROP 8" WATER SERVICE INSTALLATION
(6) PROP CENTER FILL (18 MIN) OVER WATER LINE IN FILL AREA SANITARY SEWER LINE
(7) PROP 8" X 6" TEE AS EMPTY AND VALVE
(8) ABANDON VALVE AND REMOVE AND PROPOSE FIT VALVE BOX
(9) CUT & PLUG & ABANDON
(10) PROP WET CONNECTION
(11) PROP REMOVE AND REPLACE WITH ASPHALT PAVEMENT
(12) PROP REMOVE AND REPLACE WITH CONCRETE PAVEMENT

HDR CLAUNCH & MILLER
Engineering Consultants

GALVESTON COUNTY

TEXAS CITY 6TH STREET RECONSTRUCTION

WATER LINE IMPROVEMENTS
STA 38+00 TO STA 42+00

BROWN & GAY ENGINEERS, INC.

Section 02105
SOIL MANAGEMENT PLAN
POTENTIALLY CONTAMINATED SOIL/WATER MANAGEMENT

PART 1 GENERAL

1 01 SECTION INCLUDES

A Preparatory work related to excavation in the Potentially Petroleum Contaminated Area (PPCA) shown on the Drawings (Sheet 26)

B Sampling and analysis of site material within the PPCA

C Off-site disposal/recycling of contaminated soil and/or water from excavations in the PPCA

1 02 MEASUREMENT AND PAYMENT

A Unit Prices

1 Preparatory work is paid on a lump sum basis Item includes hiring environmental subcontractor(s), preparing Environmental Health and Safety Plan, preparing Environmental Work Plan, training personnel, and obtaining permits and additional insurance as applicable to the work

2 Underground Construction in PPCA

a Underground utility construction and appurtenances in the area identified within the PPCA limits on the Drawings (Sheet 26) is on a linear foot basis, other unit price basis, or lump sum basis as shown on the Bid Form

b Payment includes compensation for labor, equipment, and supervision for mobilization, environmental monitoring and field screening, handling, sampling, and testing of potentially contaminated soil and groundwater, and disposal of excess excavated soil, and groundwater, including that found to be contaminated Contaminated soil may be Class I or Class II, non-hazardous industrial waste as defined by the Texas Commission on Environmental Quality (TCEQ) Potentially contaminated water will be that encountered during excavation for underground utilities within the PPCA limits on the Drawings (Sheet 26)

c Payment for transportation and disposal of Class I and/or Class II waste at approved facility is on a "truck" cubic yard basis

d No separate payment will be made for soil reused as backfill material

e Payment for transportation and disposal of contaminated water at approved facility is on a per gallon basis

f Payment will be made upon acceptance of the work by the Project Manager

g Payment for disposal of soil and/or water determined to be contaminated will be made in accordance with the bid items upon receipt of documentation (e g waste disposal manifests) acceptable to Project Manager

3 A force account for Extra Work within PPCA will be used to compensate for time and materials required for additional work associated with PPCA when directed by Project Manager to perform such work and for which there is no bid item Authorization and compensation for this work will be in accordance with Document 00700 – General Conditions

4 Refer to Measurement and Payment section for unit price procedures

1 03 REFERENCE STANDARDS

A Code of Federal Regulations (CFR), Title 40, Section 261 21 – Protection of the Environment

B CFR, Title 29, section 1910 120 – Occupational Safety and Health Administration, Department of Labor

C CFR, Title 29 Section 1926 - Occupational Safety and Health Administration, Department of Labor

D CFR Title 40, Section 261, Appendix II – Protection of the Environment

E Texas Administrative Code (TAC), Title 30, Chapter 335 – Industrial Solid waste & Municipal Hazardous Waste

F TAC, Title 30, Chapter 334 – Underground and Aboveground Storage Tanks

G TAC, Tile 30, Chapter 106 53 – Exemptions from Permitting, Subchapter X Waste Processes and Remediation

H U S Environmental Protection Agency (EPA), (SW-846) Test Methods for Evaluating Solid waste, Office of Solid Waste and Emergency Response, Washington, D C

1 04 DEFINITIONS

A Potentially Petroleum Contaminated Area (PPCA) An area within station to station locations identified on the Drawings (Sheet 26) where petroleum contamination is suspected in the soil and/or groundwater

B Potentially Contaminated Soil Excavated soil that fails the screening procedures in Section 3 3

C Class I Waste Soil containing physical evidence of contamination as described in Guidelines for the Classification and Coding of Industrial Waste and Hazardous Wastes (30 TAC, Sections 335 501- 515 (Subchapter R))

D Class II Waste Soil that contains contamination as described in Guidelines for the Classification and Coding of Industrial Waste and Hazardous Wastes (30 TAC, Sections 335 501- 515 (Subchapter R))

F Potentially Contaminated Groundwater Water recovered in an excavation located in the PPCA that contains visual or physical evidence of contamination, and such contamination has been verified by the Project Manager

1 05 SUBMITTALS

A Conform to requirements of Section 01330 – Submittal Procedures

B Submit an Environmental Work Plan within 30 days after issuance of notice to Proceed

1 The Environmental Work Plan shall be prepared by an environmental professional who has completed 40-hours of Health and Safety Training and the required annual refresher training, and has experience in preparing similar Environmental Work Plans

2 The Environmental Work Plan shall include the following items

a Proposed sequence of construction through the PPCA,

b Procedures for handling material from the PPCA,

c Proposed location of stockpile areas,

d Proposed recycle/disposal sites for Class I or II Soil or contaminated water with verification that each is properly licensed,

e Proposed haulers of Class I or II Soil or potentially contaminated water with verification each is properly licensed,

f Copy of permit for discharge of contaminated water in sanitary sewer system, if to be disposed in sanitary sewer

g Name and qualifications of environmental professional for health, environmental, and safety issues regarding operations within the PPCA, and

h Proposed analytical laboratory with verification it is accredited by A2LA or other recognized association

3 Do not commence work in the PPCA until Environmental Work Plan has been reviewed and accepted by the Project Manager

C Submit Environmental Health and Safety Plan within 30 days after issuance of Notice to Proceed

1 The Health and Safety Plan shall be prepared a Certified Industrial Hygienist (CIH) or a Certified Safety Professional (CSP)

2 Include methods and procedures for assuring work, which will be conducted under conditions expected in the field, is safe

D As work proceeds through the PPCA, submit field screening, monitoring and analytical laboratory test results on a daily basis Summarize test results in tables together with applicable regulatory criteria

1.06 PERSONNEL REQUIREMENTS

A Provide trained personnel who have completed minimum health and safety programs specified by the Occupational Safety and Health Administration in 29 CFR 1910.120. Before beginning work within the PPCA, each employee that will work within the PPCA is required to have completed 40 hours of health and safety training and the required annual refresher training.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION

3.01 POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA)

A Conduct operations in the PCAA in accordance with the accepted Environmental Work Plan, the Health and Safety Plan, and in accordance with this Section. If areas are encountered outside the PPCA shown on the Drawings (Sheet 26), that are either detected or suspected to be potentially petroleum contaminated areas, immediately notify the Project Manager.

B Immediately notify the project manager when ever potentially petroleum contaminated soil or potentially contaminated groundwater are encountered.

1 Provide location, depth, type (soil or groundwater), source (if known), and evidence of suspected contamination.

2 Determine if potentially contaminated soil or groundwater is present by visual or physical evidence of contamination. Visual or physical evidence includes:

a Petroleum or chemical odor.

b Soil or groundwater discoloration.

c Material oozing/dripping into excavation.

d Liquid or oily sheen on standing water.

e Buried tanks, containers, or refuse.

f Field screening (photoionization detector (PID)) readings in excess of 25 parts per million (ppm).

C Construct trench dams within utility trenches at each boundary of encountering contaminated material as directed by the Project Manager, including laterals, to reduce potential for contaminant to transport within pipe bedding and backfill material. A trench dam shall consist of at least 24 linear inches of cement stabilized sand with 10 percent bentonite clay added, extending from 6 inches below bottom of trench to within 12 inches of topsoil or pavement.

3.02 ENVIRONMENTAL MONITORING

A The Contractor shall monitor conditions in the PPCA, as specified in Item 3.3 –Screening Procedures and the Contractor's Health and Safety plan. Maintain safe working conditions in accordance with OSHA requirements (29 CFR 1926).

3.03 SCREENING PPCA SOILS

A The Contractor shall perform field screening of soil removed from excavations or tunneling in the PPCA, and stockpile potentially contaminated soil in accordance with the Contractor's approved Environmental Work Plan.

B Screening Procedures

1 Utilize the "head space" method by placing the samples in a sealed plastic bag and place in a warm location for 15 minutes prior to screening.

2 Properly calibrate the PID instrument using a calibration gas, following the calibration procedures and frequency recommended by the instrument manufacturer.

3 Open plastic bag just enough to insert the instrument probe and record maximum head space reading.

4 Screen at least twice per hour while removing soil in open areas or shafts.

5 During tunneling, screen once for each pipe length in pipe-jacked tunnels or each advance of tunneling shield in primary-lined tunnels.

6 Stockpile potentially contaminated soil separately from clean excavated soil in accordance with the Contractor's Environmental Work Plan.

3.04 SAMPLING AND TESTING

A Frequency

1 Sample stockpiled potentially contaminated soil excavated from the PPCA at a rate of not less than one composite sample for every 20 cubic yards of soil stockpiled.

2 Sample potentially contaminated water at a frequency required by the receiving facility.

B Analyze soil samples for parameters required by the receiving disposal/recycling facility.

C Analyze water samples for the parameters required by the receiving disposal facility.

D Conduct laboratory analysis on soil and water samples using proposed analytical testing laboratory listed in Contractor's Environmental Work Plan.

3.05 AIR MONITORING REQUIREMENTS

A Ensure health and safety of workers at the construction site in accordance with the Contractor's Environmental Health and Safety Plan Maintain air quality within the PPCA to conform to exposure limits specified in 29 CFR, Section 1910 120, enforceable by OSHA

B Provide adequate shoring and sufficient escape ladders in accordance with applicable trench safety regulatory requirements

3 06 HANDLING CLASS I and II SOILS

A Place potentially contaminated soil in designated stockpile area(s), pending receipt of analytical results and receipt of authorization from the disposal site for final disposal/recycling

1 Do not commingle potentially contaminated soil with clean soil

2 Place stockpile on an impervious area free of sharp objects, monitor wells, utility manholes or any other access routes to the subsurface The Contractor shall place the soil on 20-mil, or thicker, plastic sheeting and cover the pile with 20-mil plastic sheeting The cover should be adequately held in place, and a berm constructed around the stockpile if necessary, to prevent migration of potentially contaminated soil and storm water

3 Secure stockpiles using temporary fencing or other means of controlling access

4 Do not stockpile soil for greater than 30 days unless approved by the Project Manager

B Sample and test potentially contaminated materials in accordance with Item 3 4 – Sampling and Testing

C Do not place contaminated soil determined to be Class I waste back into excavations Properly dispose of Class I waste at facility listed in Contractor's Environmental Work Plan Soil determined to be Class II as defined by the Texas Commission on Environmental Quality (TCEQ) in their Guidelines for Classification and Coding of Industrial Wastes and Hazardous Wastes (30 TAC, Sections 335 501- 515 (Subchapter R)) can be reused as backfill material provided

1 Soil is reused in the same area from which it originated at depths greater than 30 inches below top of pavement, finished grade or ditch flow line, whichever is lower

2 Soil has suitable engineering properties for backfill material as specified elsewhere in the project specifications

3 Soil does not have indications of impact by contamination other than petroleum

D Do not spread soil determined to be Class I or Class II on the ground surface

E Transport Class I or II waste in accordance with Department of Transportation (DOT) and TCEQ rules and regulations

F Clean or pressure wash dump trucks, bulldozers, backhoes, and other large equipment prior to use in uncontaminated areas after being used in the PPCA

3.07 HANDLING WATER

A Handle, test, treat and discharge potentially contaminated water to sanitary sewer in accordance with Industrial Wastewater Discharge Permit requirements from the City, or have the water evacuated and hauled for off-site treatment and disposal at a TCEQ-permitted facility listed in Contractor's Environmental Work Plan

B Transport contaminated water in accordance with DOT and TCEQ rules and regulations Use DOT-licensed carrier for transport listed in Contractor's Environmental work Plan Obtain signed manifests for disposal/recycling from the receiving facility and provide originals to Project Manager

C Furnish laboratory reports to project Manager within one week of sample date

3.08 DISPOSAL OF SOIL

A Dispose/recycle excess excavated soil determined to be contaminated by testing at TCEQ-permitted facility listed in Contractor's Environmental Work Plan and in accordance with this section

B Obtain signed manifests for soil disposal/recycling from the receiving facility and provide originals to Project Manager

3.09 FIELD DOCUMENTAION

A The following field documentation, record keeping, and reporting are required to be maintained throughout the work by the Contractor in the PPCA, and be submitted to Project manager upon request and at project close out

1 Field Screening Records

2 Analytical Laboratory Test Reports

3 Disposal/Recycling Manifests

4 Record Drawing showing limits of contaminated material encountered

5 Any corrections/revisions to the SMP

END OF SECTION

CONTENTS

SECTION	I	Invitation to Bid General Provisions Vendor Qualification Packet Instructions to Bidders
SECTION	II	Bid Proposal Contract Award
SECTION	III	Special Terms and Conditions Wage Rates & AIA Forms
SECTION	IV	General Terms and Conditions
SECTION	V	Specifications
SECTION	VI	Plans

SECTION I

Invitation to Bid

General Provisions

Vendor Qualification Packet

Instructions to Bidders

BID #: B111042
OPEN: 05/03/2011
2:00 PM

INVITATION TO BID
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

BID #B111042

The County of Galveston solicits bids on the following project

Contract to furnish labor, equipment, materials and incidentals as required for
Bid #B111042, Texas City 6th Street Reconstruction

Sealed bids in **sets of five (5), (one (1) original and four (4) copies)** will be received in the office of the County Purchasing Agent, until **2:00 PM** on **05/03/2011** and opened immediately in that office in the presence of the County Auditor and the Purchasing Agent. **Bidders are specifically advised that any bid delivered after this time will be returned unopened.**

Submitted bids will be publicly opened on **05/03/2011 at 2:00 PM** in the Purchasing Agents office located in the Galveston County Courthouse, 722 Moody Avenue (21st St), Fifth (5th) Floor, Galveston, Texas 77550

All bids must be marked on the outside of the envelope
Bid #B111042, Texas City 6th Street Reconstruction

Bidder's name and return address should be on the outside of the envelope

Plans and specifications may be obtained from the office of Brown & Gay Engineers, Inc , 10777 Westheimer, Suite 400, Houston, Texas 77042 (281) 558-8700

A $100 00 non refundable deposit shall be required for each set of plans and specifications

Proposals will be either lump sum or unit prices as shown on the proposal sheet, if applicable The net price will be delivered to Galveston County, including all freight or shipping charges The County is tax exempt and no taxes should be included in your proposal

Bids will be completed on the forms and proposal sheets provided

Each bid must be accompanied by a Certified or Cashier's Check or acceptable Bidder's Bond in the amount of 5% of bid as a guarantee that, if awarded the contract, within sixty (60) days from the date of bid opening, the bidder will enter into a contract and execute any required Performance and Payment Bonds.

Commissioners' Court reserves the right to waive any informality and to reject any and all bids, and to accept bid or bids which, in its opinion, is most advantageous to the County

Rufus G Crowder, CPPB
Purchasing Agent
Galveston County

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

1 BID PACKAGE

The invitation to bid, general and special provisions, drawings, specifications/line item details, contract documents and the bid sheet are all considered part of this bid package Bids must be submitted in ***sets of five (5), one (1) original and four (4) copies****, on the forms provided by the County, including the bid sheet completed in its entirety and signed by an authorized representative by original signature Failure to complete and sign the bid sheet/contract page(s) may disqualify the bid from being considered by Commissioners' Court Any individual signing on behalf of the bidder expressly affirms that he or she is duly authorized to tender this bid and to sign the bid sheet/contract under the terms and conditions in this bid Bidder further understands that the signing of the contract shall be of no effect unless subsequently awarded and the contract properly executed by Commissioners' Court All figures must be written in ink or typed Figures written in pencil or with erasures are not acceptable However, mistakes may be crossed out, corrections inserted, and initialed in ink by the individual signing the bid If there are discrepancies between unit prices quoted and extensions, the unit price will prevail Each bidder is required to thoroughly review this entire bid packet to familiarize themselves with the bid procedures, the plans and specifications for the requested work as well as the terms, and conditions of the contract the successful bidder will execute with the County*

2 COMPETITIVENESS AND INTEGRITY

To prevent biased evaluations and to preserve the competitiveness and integrity of such acquisition efforts, bidders are to direct all communications regarding this bid to the Galveston County Purchasing Agent, unless otherwise specifically noted

Do not contact the requesting department. Attempts by offering firms to circumvent this requirement will be viewed negatively and may result in rejection of the offer of the firm found to be in non-compliance

All questions regarding this Invitation to Bid must be submitted in writing to

Rufus G. Crowder, CPPB
Galveston County Purchasing Agent
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
Fax: (409) 621-7987
E-mail: rufus.crowder@co.galveston.tx.us

An authorized person from the submitting firm must sign all bids This signature acknowledges that the bidder has read the bid documents thoroughly before submitting a bid and will fulfill the obligations in accordance to the terms, conditions, and specifications

Please carefully review this Invitation to Bid It provides specific information necessary to aid participating firms in formulating a thorough response

3. TIME FOR RECEIVING BIDS

Bids received prior to the submission deadline will be maintained unopened until the specified time for opening If the bidder fails to identify the Bid Number on the outside of the envelope as required, the Purchasing Agent will open the envelope for the sole purpose of identifying the bid number for which the submission was made The envelope will then be resealed No liability will attach to a County office or employee for the premature opening of a bid If you do not submit a bid, return this Invitation to Bid and state reason, otherwise your name may be removed from our mailing list

4. BID OPENING

The names of the bidders and the pricing will be read aloud at the bid opening Sealed bids will be received in the office of the County Purchasing Agent and opened immediately in that office in the presence of the County Auditor and the Purchasing Agent No bid may be withdrawn for a period of sixty (60) calendar days of the bid opening date

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

5. REJECTION OF BIDS

The County, acting through its Commissioners' Court reserves the right to (1) reject any and all bids and waive any informality in the bids received, (2) disregard the bid of any bidder determined to be non responsive to the provisions contained herein

6 RESTRICTIVE OR AMBIGUOUS SPECIFICATIONS

It is the responsibility of the prospective bidder to review the entire invitation to bid packet and to notify the Purchasing Department if the specifications are formulated in a manner that would restrict competition or appear ambiguous Any such protest or question(s) regarding the specifications or bid procedures must be received in the Purchasing Department not less than seventy-two (72) hours prior to the time set for bid opening Vendors are to bid as specified herein or bid an approved equal The mention of any brand name in the specifications is not intended to be restrictive, but is intended to describe the general features and requirements (or equivalent) that Galveston County is seeking

7. SUBSTITUTES

It is not the County's intent to discriminate against any materials of equal merit to those specified, however, no substitutions are allowed for this bid unless specific instructions are included in the Special Provision section that allow alternate substitutions Should the bidder desire to use any substitutions, prior written approval shall be obtained from the County Purchasing Agent sufficiently in advance in order that an addendum might be issued

8 EXCEPTIONS TO BID

No exceptions to this bid are allowed unless specific instructions are included in the Special Provision section that allow exceptions to the bid conditions Otherwise, Bidders must adhere to the specifications when completing their submittals

9. PRICING

Bids will be either lump sum or unit prices as shown on the bid sheet The net price will be delivered to Galveston County, including all freight or shipping charges The County is tax exempt and no taxes should be included in your bid

Cash discount must be shown on bid, otherwise prices will be considered net Unless prices and all information requested are complete, bid may be disregarded and given no consideration

In case of default by the contractor, the County of Galveston may procure the articles or services from other sources and may deduct from any monies due, or that may thereafter become due to the contractor, the difference between the price named in the contract of purchase order and the actual cost thereof to the County of Galveston Prices paid by the County of Galveston shall be considered the prevailing market price at the time such purchase is made Periods or performance may be extended if the facts as to the cause of delay justify such extension in the opinion of the Purchasing Agent and the Commissioners' Court

10. PROCUREMENT CARD PROGRAM

The County of Galveston participates in a Procurement Card (P-Card) program that allows payments made to the vendor by credit card This method normally results in substantially faster bill payments sometimes within three (3) to five (5) days of the actual transaction date If your company will accept payment via credit card (Visa, MasterCard), please notate this in you bid submittal

11. TAX EXEMPTION

Any resultant purchase orders are issued by a political subdivision of the State of Texas which qualifies for exemption from sales, excise, and use taxes pursuant to sections 151 309 – 151 311, of the Texas Tax Code The contractor performing this contract may purchase all materials, and supplies, used or consumed in the performance of this contract by issuing to his supplier an exemption certificate complying with State Comptroller's Ruling #95-9307 in lieu of tax Any such exemption certificate issued by the Contractor in lieu of tax shall be subject to the provisions of the State Comptroller's ruling #95 05 (effective October 2, 1968) or as hereafter amended As a general rule, a vendor is not required to pay state sales tax on goods purchased that are totally incorporated into or consumed by the public improvements Certificates may be issued upon request

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

12. PASS THROUGH COST ADJUSTMENTS

Except in instances of extreme extenuating circumstances Vendor prices shall remain firm throughout the Contract period and any renewals Examples of extreme extenuating circumstances include such situations as a nation wide rail strike, oil shortage, or oil embargos

In extreme extenuating circumstances Vendors may be allowed to temporarily "pass through" additional costs they are forced to incur through no fault of their own A request for a pass through cost increase will not be considered unless a Vendor's cost for his product exceeds 10% over the original cost for the product Also, the increase in cost must be nationwide and consistent for a minimum period of sixty (60) days If a Vendor thinks he will be asking for a pass through cost adjustment during the term of his contract the original cost of his product to him must be stated in Vendor's original bid

A request for a pass through cost does not guarantee that one will be granted Vendors must submit such information on each request as is required by the County Purchasing Agent The County Purchasing Agent will review each request on a case by case basis and determine the appropriateness of each request as well as amount and duration of increase Vendors will not be permitted any additional compensation for mark-ups or profits based on the increase in price Rather, such additional compensation will be limited to the actual increase in original cost to the Vendor as such increase is reflected by the original cost stated in the bid But in no event will the amount of additional compensation exceed 25% increase in

Vendor's original cost for his product as such cost is reflected in Vendor's original bid or the duration exceed a period of sixty (60) days In addition, should, during the period of the pass through, cost return to normal or decrease to below pre pass through prices, appropriate downward adjustments will be made No more than one pass through adjustment will be permitted per year

13 MODIFICATION OF BIDS

A bidder may modify a bid by letter at any time prior to the submission deadline for receipt of bids Modification requests must be received prior to the submission deadline Modifications made before opening time must be initialed by bidder guaranteeing authenticity Bids may not be amended or altered after the official opening with the single exception that any product literature and/or supporting data required by the actual specifications, if any, will be accepted at any time prior to the Commissioners' Court consideration of same

14. AWARD OF BIDS

The award will be made to the bidder who is determined to be the lowest bidder demonstrating the best value and ability to fulfill the requirements of the bid The prices proposed will be considered firm and cannot be altered after the submission deadline

The criteria utilized for determining responsibility of bidder(s) includes, but is not limited to, the bidder's experience, skill, ability, business judgment, financial capacity, integrity, honesty, possession of the necessary facilities or equipment, previous performance, reputation, promptness, and any other factor deemed relevant by the County The bidder shall furnish any information requested by the County in order for the County to determine whether a bidder is responsible

In determining and evaluating the best bid, the pricing may not necessarily be controlling, but quality, equality, efficiency, utility, general terms, delivery, suitability of the service offered, and the reputation of the service in general use will also be considered with any other relevant items The Commissioners' Court shall be the sole judge in the determination of these matters

Each bidder, by submitting a bid, agrees that if their bid is accepted by the Commissioners' Court, such bidder will furnish all items and services upon which prices have been tendered and upon the terms and conditions in this bid and contract

7

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

The contractor shall commence work only after the transmittal of a fully executed purchase order, or contract, and after receiving written notification to proceed from Galveston County The contractor will perform all services indicated in the bid in compliance with this contract

Neither department heads nor elected officials are authorized to sign any binding contracts or agreements prior to being properly placed on the Commissioners' Court agenda and approved in open court Department heads and other elected officials are not authorized to enter into any type of agreement or contract on behalf of Galveston County Only the Commissioners' Court, acting as a body, may enter into a contract on behalf of Galveston County Additionally, department heads and other elected officials are not authorized to agree to any type of supplemental agreements or contracts for goods or services Supplemental agreements are subject to review by the Galveston County Legal Department prior to being signed by the County's authorized representative

The County of Galveston reserves the right to accept bids on individual items listed, or group items, or on the bid as a whole, to reject any and all bids, to waive any informality in the bids, and to accept the bid that appears to be in the best interest of the County

Notice of contract award will be made within ninety (90) days of opening of bids to the lowest responsive and responsible contractor, whose bid complies with all the requirements in this Invitation to Bid unless special consideration is granted by the Commissioners' Court

Contractor shall submit to the County, for approval, within ten (10) days from notice of contract award, all Certificates of Insurance evidencing the required coverage as described under insurance in the schedule of the Invitation to Bid, item 29, page 7, Proof of Insurance

The contractor shall not commence work under these terms and conditions of the contract until all applicable Certificates of Insurance, Performance and Payment Bonds, and Irrevocable Letter of Credit (if required) have been approved by the County of Galveston and he/she has received notice to proceed in writing and an executed copy of the contract from the County of Galveston Purchasing Agent

15. RESULTANT CONTRACT

The resultant contract if applicable, shall become effective upon the Commissioners' Court execution of the same The contract documents shall consist of the contract, the general and special provisions, the drawings, bid package, any addenda issued, and any change orders issued during the work If applicable to the attached bid, bidder must sign three (3) original contracts and return with their bid submittal

16. CONTRACT TERM

The term of the resultant contract will begin on the date of execution by the Commissioners' Court and will terminate on the date specified in the resultant contract unless terminated earlier as herein set forth

17. TERMINATION FOR DEFAULT

Failure of either party in the performance of any of the provisions of this contract shall constitute a breach of contract, in which case, either party may require corrective action within ten (10) days from date of receipt of written notice citing the exact nature of such breach Failure of the party being notified to take corrective action within the prescribed ten (10) days, or failure to provide written reply of why no breach has occurred, shall constitute a Default of Contract

All notices relating to default by Bidder of the provisions of the contract shall be issued by County by its Legal Department, and all replies shall be made in writing to the Galveston County Legal Department Notices issued by or issued to anyone other than the Galveston County Legal Department shall be null and void and shall be considered as not having been issued or received

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

Galveston County reserves the right to enforce the performance of this contract in any manner prescribed by law in the event of breach or default of this contract, and may contract with another party, with or without solicitation of bids or bids or further negotiations At a minimum, bidder shall be required to pay any difference in service or materials, should it become necessary to contract with another source, plus reasonable administrative costs and attorney fees

In the event of Termination for Default, Galveston County, its agents or representatives shall not be liable for loss of any profits anticipated to be made by bidder

No waiver by either party of any event of default under this agreement shall operate as a waiver of any subsequent default under the terms of this agreement

County reserves the right to terminate this contract immediately in the event bidder

- Fails to meet delivery or completion schedules,
- Fails to otherwise perform in accordance with the accepted bid and the contract

18. TERMINATION FOR CONVENIENCE

County may terminate this contract upon at least thirty (30) days prior written notice for its' convenience or for any reason deemed by the County to serve the public interest County may terminate this contract upon thirty (30) days prior written notice for any reason resulting from any governmental law, order, ordinance, regulations, or court order In no event shall County be liable for loss of any profits anticipated to be made hereunder by bidder should this contract be terminated early

19. FORCE MAJEURE

If by reason of Force Majeure either Party shall be rendered unable, wholly or in part, to carry out its responsibilities under this contract by any occurrence by reason of Force Majeure, then the Party unable to carry out its responsibility shall give the other Party notice and full particulars of such Force Majeure in writing within a reasonable time after the occurrence of the event, and such notice shall suspend the Party's responsibility for the continuance of the Forced Majeure claimed, but for no longer period

Force Majeure means acts of God, floods, hurricanes, tropical storms, tornadoes, earthquakes, or other natural disasters, acts of a public enemy, acts of terrorism, sovereign conduct, riots, civil commotion, strikes or lockouts, and other causes that are not occasioned by either Party's conduct which by the exercise of due diligence the Party is unable to overcome and which substantially interferes with operations

20. ESTIMATED QUANTITIES

Any reference to quantities shown in the Invitation to Bid are an estimate only Since the exact quantities cannot be predetermined, the County reserves the right to adjust quantities as deemed necessary to meet its' requirements

21. CONTRACTOR INVESTIGATION

Before submitting a bid, each contractor shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of the contract and to verify any representations made by the County upon which the contractor will rely If the contractor receives an award as a result of its bid submission, failure to have made such investigations and examinations will in no way relieve the contractor from its obligation to comply in every detail with all provisions and requirements of the contract, nor will a plea of ignorance of such conditions and requirements be accepted as a basis for any claim whatsoever by the contractor for additional compensation

22 NO COMMITMENT BY COUNTY OF GALVESTON

This Invitation to Bid does not commit the County of Galveston to award any costs or pay any costs, or to award any contract, or to pay any costs associated with or incurred in the preparation of a bid to this request, or to procure or contract for services or supplies

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

23. SINGLE BID RESPONSE

If only one bid is received in response to the Invitation to Bid, a detailed cost bid may be requested of the single contractor A cost/price analysis and evaluation and/or audit may be performed of the cost bid in order to determine if the price is fair and reasonable

24. REJECTION/DISQUALIFICATION OF BIDS

Galveston County reserves the right to reject any or all bids in whole or in part received by reason of this bid package and may discontinue its efforts for any reason under this bid package at any time prior to actual execution of the contract by the County Bidders may be disqualified and rejection of bids may be recommended to the Commissioners' Court for any of (but not limited to) the following causes

A Failure to use the bid form(s) furnished by the County, if applicable
B Lack of signature by an authorized representative that can legally bind the company on the bid form
C Failure to properly complete the bid
D Bids that do not meet the mandatory requirements
E Evidence of collusion among bidders

25. CHANGES IN SPECIFICATIONS

If it becomes necessary to revise any part of this bid, a written notice of such revision will be provided to all bidders in the form of addenda The County is not bound by any oral representations, clarifications, or changes made in the written specifications by the County's employees, unless such clarification or change is provided to bidders in a written addendum from the Purchasing Agent

The County of Galveston reserves the right to revise or amend the specifications up to the time set for opening of bids Such revisions and amendments, if any, shall be announced by amendments to the solicitation Copies of such amendments shall be furnished to all prospective contractors Prospective contractors are defined as those contractors listed on the County's Invitation to Bid list for this material/service or who have obtained his documents subsequent to the advertisement If revisions and amendments require changes in quantities or prices proposed, or both, the date set for opening of bids may be postponed by such number of days as in the opinion of the County shall enable contractors to revise their bids In any case, the bid opening shall be at least five working days after the last amendment, and the amendment shall include an announcement of the new date if applicable, for the opening of bids

26 BID DISCLOSURES

The names of those who submitted bids will not be made public information until after an award is made by Commissioners' Court No price or staffing information will be released Bidders are requested to withhold all inquiries regarding their bid or other submissions until after an award is made No communication is to be had with any County employee, other than the Purchasing Agent, regarding whether a bid was received Violations of this provision may result in the rejection of a bid

27. PROTEST

Any actual or prospective bidder who is allegedly aggrieved in connection with the solicitation or award of bid may protest The protest will be submitted in writing to the Purchasing Agent within seven (7) days after such aggrieved person knows of, or should have known of the facts giving rise thereto If the protest is not resolved by mutual agreement, the Purchasing Agent will promptly issue a decision in writing to the protestant If the protestant wishes to appeal the decision rendered by the Purchasing Agent, such appeal must be made to the Commissioners' Court through the Purchasing Agent The decision of the Court will be final The Court need not consider protests unless this procedure is followed

28. WITHDRAWAL OF BID

Bidders may request withdrawal of a sealed bid prior to the scheduled bid opening time provided the request for withdrawal is submitted to the Purchasing Agent in writing No bids may be withdrawn for a period of sixty (60) calendar days after opening of the bids

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

29. INDEMNIFICATION

The contractor shall agree to assume all risks and responsibility for, and agrees to indemnify, defend, and save harmless, the County of Galveston, its elected and appointed officials and department heads, and its agents and employees from and against all claims, demands, suits, actions, recoveries, judgments, and costs and expenses including reasonable attorney's fees for the defense thereof in connection therewith on account of the loss of life, property or injury or damage to the person which shall arise from contractor's operations under this contract, its use of County facilities and/or equipment or from any other breach on the part of the contractor, its employees, agents or any person(s) in or about the County's facilities with the expressed or implied consent of the County. Contractor shall pay any judgment with cost which may be obtained against Galveston County resulting from contractor's operations under this contract.

Contractor agrees to indemnify and hold the County harmless from all claims of subcontractors, laborers incurred in the performance of this contract. Contractor shall furnish satisfactory evidence that all obligations of this nature herein above designated have been paid, discharged or waived. If Contractor fails to do so, then the County reserves the right to pay unpaid bills of which County has written notice direct and withhold from Contractor's unpaid compensation a sum of money reasonably sufficient to liquidate any and all such lawful claims.

30. PROOF OF INSURANCE

Successful bidder agrees to keep in full force and effect, a policy of public liability and property damage insurance issued by a casualty company authorized to do business in the State of Texas, and in standard form approved by the Board of Insurance Commissioners' of the State of Texas, with coverage provision insuring the public from any loss or damage that may arise to any person or property by reason of services rendered by successful bidder and providing that the amount by reason of services limits of not less than the following sums

A For damages arising out of bodily injury to or death of one person in any one accident –
ONE HUNDRED THOUSAND AND NO/100 ($100,000 00) DOLLARS
B For damages arising out of bodily injury to or death of two or more persons in any one accident –
THREE HUNDRED THOUSAND AND NO/100 ($300,000 00) DOLLARS
C For any injury to or destruction of property in any one accident –
ONE HUNDRED THOUSAND AND NO/100 ($100,000 00) DOLLARS

Successful bidder shall carry in full force Workers' Compensation Insurance Policy(ies), if there is more than one employee, for all employees, including but not limited to full time, part time, and emergency employees employed by the successful bidder Current insurance Certificates certifying that such policies as specified above are in full force and effect shall be furnished by successful bidder to the County

Galveston County shall be listed as the additional insured on policy certificates and shall be notified of any changes to the policy during the contractual period.

31. BID BOND

Each bidder will be required to furnish with their bid a Cashier's or Certified Check from any bank with in the State of Texas or an acceptable Bidder's Bond for the sum of 5% of the total highest bid payable to the County of Galveston The certified check or bid bond will be returned to the unsuccessful bidder(s) and to the successful bidder on the completion of all contract documents and the furnishing of any necessary payment bonds and insurance certificates

The bid bond or check will be forfeited to the County as liquidated damages should the successful bidder fail to give the required payment and performance bonds and insurance certificates and execute the contract with the said County within thirty (30) days after receiving notice of acceptance of its bid

11

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

32. PERFORMANCE AND PAYMENT BOND(S)

V T C A , Government Code Chapter 2253, requires a Performance Bond (for contracts in the excess of $100,000) and a Payment Bond (for contracts in excess of $25,000), to be provided by the Contractor Each bond required shall be equal to the total contract price and shall be issued by a satisfactory surety company The bond(s) will remain in full force and effect until final completion and acceptance of the work

The bond(s) are to be made payable to the County of Galveston They shall be written on forms provided by the surety for public works projects in Texas A surety licensed to do business in the state of Texas must execute the bond

Bidders should familiarize themselves with the entire provisions of V T C A , Chapter 2253 and the penalties provided for its violation before submitting their bid

33. CONFLICT OF INTEREST DISCLOSURE REPORTING

Proposer may be required under Chapter 176 of the Texas Local Government Code to complete and file a conflict of interest questionnaire (CIQ Form) If so, the completed CIQ Form must be filed with the County Clerk of Galveston County, Texas

If Proposer has an employment or other business relationship with an officer of Galveston County or with a family member of an officer of Galveston County that results in the officer or family member of the officer receiving taxable income that exceeds $2,500 00 during the preceding 12-month period, then Proposer **MUST** complete a CIQ Form and file the original of the CIQ Form with the County Clerk of Galveston County

If Proposer has given an officer of Galveston County or a family member of an officer of Galveston County one or more gifts with an aggregate value of more than $250 00 during the preceding 12-months, then Proposer **MUST** complete a CIQ Form and file the original of the CIQ Form with the County Clerk of Galveston County

The Galveston County Clerk has offices at the following locations

Galveston County Clerk
Galveston County Justice Center, Suite 2001
600 59th Street
Galveston, Texas 77551

Galveston County Clerk
North County Annex, 1st Floor
174 Calder Road
League City, Texas 77573

Again, if Proposer is required to file a CIQ Form, the original completed form is filed with the Galveston County Clerk (not the Purchasing Agent)

For Proposer's convenience, a blank CIQ Form is enclosed with this proposal Blank CIQ Forms may also be obtained by visiting the Galveston County Clerk's website and/or the Purchasing Agent's website – both of these web sites are linked to the Galveston County homepage, at http //www co galveston tx us

As well, blank CIQ Forms may be obtained by visiting the Texas Ethics Commission website, specifically at http //www ethics state tx us/whatsnew/conflict_forms htm

Chapter 176 specifies deadlines for the filing of CIQ Forms (both initial filings and updated filings)

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

It is Proposer's sole responsibility to file a true and complete CIQ Form with the Galveston County Clerk if Proposer is required to file by the requirements of Chapter 176 Proposer is advised that it is an offense to fail to comply with the disclosure reporting requirements dictated under Chapter 176 of the Texas Local Government Code

If you have questions about compliance with Chapter 176, please consult your own legal counsel Compliance is the individual responsibility of each person, business, and agent who is subject to Chapter 176 of the Texas Local Government Code

34. ENTIRETY OF AGREEMENT AND MODIFICATION

This contract contains the entire agreement between the parties Any prior agreement, promise, negotiation or representation not expressly set forth in this contract has no force or effect Any subsequent modification to this contract must be in writing, signed by both parties

An official representative, employee, or agent of the County does not have the authority to modify or amend this contract except pursuant to specific authority to do so granted by the Galveston County Commissioners' Court

35. NON-COLLUSIONAFFIDAVIT

The contractor declares, by signing and submitting a bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation, that the bid is genuine and not collusive or sham, that the contractor has not directly or indirectly induced or solicited another contractor to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any contractor or anyone else to put in a sham bid, of that anyone shall refrain from bidding, that the contractor has not in any manner, directly or indirectly, sought by agreement, communications, or conference with anyone to fix the bid price of the contractor of any other bidder, or to fix any overhead, profit or cost element of the bid price, or of that of any other contractor, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract, that all statements contained in the bid are true, and further, that the contractor has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any cooperation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid

No negotiations, decisions, or actions shall be initiated by any company as a result of any result of any verbal discussion with any County employee prior to the opening of responses to this Invitation to Bid

No officer or employee of the County of Galveston, and no other public or elected official, or employee, who may exercise any function or responsibilities in the review or approval of this undertaking shall have any personal or financial interest, direct or indirect, in any contract or negotiation process thereof The above compliance request will be part of all County of Galveston contracts for this service

36. PROCUREMENT ETHICS

Galveston County is committed to the highest ethical standards Therefore, it is a serious breach of the public trust to subvert the public purchasing process by directing purchases to certain favored vendors, or to tamper with the competitive bidding process, whether it's done for kickbacks, friendship or any other reason Since misuse of the purchasing power of a local government carries criminal penalties, and many such misuses are from a lack of clear guidelines about what constitutes an abuse of office, the Code of Ethics outlined below must be strictly followed

Galveston County also requires ethical conduct from those who do business with the county

CODE OF ETHICS – Statement of Purchasing Policy

Public employment is a public trust It is the policy of Galveston County to promote and balance the objective of protecting the County's integrity and the objective of facilitating the recruitment and retention of personnel needed by Galveston County Such policy is implemented by prescribing essential standards of ethical conduct without creating unnecessary obstacles to entering public office

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

Public employees must discharge their duties impartially so as to assure fair competitive access to governmental procurement by responsible contractors Moreover, they should conduct themselves in such a manner as to foster public confidence in the integrity of the Galveston County procurement organization

To achieve this purpose, it is essential that those doing business with Galveston County also observe the ethical standards prescribed herein

General Ethical Standards
It shall be a breach of ethics to attempt to realize personal gain through public employment with Galveston County by any conduct inconsistent with the proper discharge of the employee's duties

It shall be a breach of ethics to attempt to influence any public employee of Galveston County to breach the standards of ethical conduct set forth in this code

It shall be a breach of ethics for any employee of Galveston County to participate directly or indirectly in a procurement when the employee knows that

- The employee or any member of the employee's immediate family, has a financial interest pertaining to the procurement
- A business or organization in which the employee, or any member of the employee's immediate family, has a financial interest pertaining to the procurement
- Any other person, business or organization with which the employee or any member of the employee's immediate family is negotiating or has an arrangement concerning prospective employment is involved in the procurement

Gratuities
It shall be a breach of ethics to offer, give or agree to give any employee of Galveston County, or for any employee or former employee of Galveston County to solicit, demand, accept or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, preparation of any part of a program requirement or purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any program requirement or a contract or subcontract, or to any solicitation or bid therefore pending before this government

Kickbacks
It shall be a breach of ethics for any payment, gratuity or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor for any contract for Galveston County, or any person associated therewith, as an inducement for the award of a subcontract or order

Contract Clause
The prohibition against gratuities and kickbacks prescribed above shall be conspicuously set forth in every contract and solicitation by Galveston County

Confidential Information
It shall be a breach of ethics for any employee or former employee of Galveston County to knowingly use confidential information for actual or anticipated personal gain, or for the actual or anticipated gain of any person

37 **OPEN RECORDS**
Galveston County is required to adhere to the provisions of the Texas Public Information Act All information, documentation and other material submitted by vendor in response to any solicitations or under any resulting contract thereof may be subject to public disclosure under the Texas Public Information Act (TX Gov't Code,

GENERAL PROVISIONS
TEXAS CITY 6TH STREET RECONSTRUCTION
GALVESTON COUNTY, TEXAS

Chapter 552) Vendors are hereby notified that Galveston County strictly adheres to this statute and the interpretations thereof rendered by the Courts and/or Texas Attorney General's office Vendor shall be deemed to have knowledge of this law and how to protect their interests under it Exceptions to disclosure of information as provided by this statute are intended to protect legitimate interests of the County or vendor, and are not intended to serve as a means to withhold or delay disclosure of information not covered by these exceptions

If vendor considers any submitted information to be proprietary in nature, protected by trade secrets, or otherwise confidential, said material should be clearly marked and conspicuously notated as such. Failure to do so shall not place any burden on the County of Galveston for the release of any material not abiding by this provision.

38. NOTICE

Any notice required or permitted between the parties under this contract must be in writing and shall be delivered in person or mailed, certified mail, return receipt requested, or may be transmitted by fax as follows

To the County at

Hon Mark A Henry, County Judge
722 Moody
Second (2nd) Floor
Galveston, Texas 77550
Fax (409) 765-2653

And to

Rufus G Crowder, CPPB
Purchasing Agent
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
Fax (409) 621-7987

Harvey Bazaman
Director of County Legal
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
Fax (409) 770-5560

15

County of Galveston
Purchasing Department
Vendor Qualification Packet

(rev 1 2, March 29, 2010)

All interested parties seeking consideration for qualified vendor status with the County of Galveston **should complete and return only the following attached forms to:**

Galveston County Purchasing Department
722 Moody Avenue, (21st Street), 5th Floor
Galveston, Texas 77550
(409) 770-5371 ***office***
(409) 621-7987 ***fax***

Form PEID: Person /Entity Information Data

Form W-9: Request for Taxpayer Identification Number and Certification
(please note that the included form may not be the latest revised form issued by the Internal Revenue Service Please check the IRS website at http //www irs gov/pub/irs-pdf/fw9 pdf for the latest revision of this form)

Form CIQ: Conflict of Interest Questionnaire
(please note that the included form may not be the latest revised form issued by the State of Texas Ethics Commission Please check the Texas Ethics Commission website at for the latest revision of this form. Please note that Galveston County Purchasing Agent is not responsible for the filing of this form with the Galveston County Clerk per instructions of the State of Texas Ethics Commission)

Certificate(s) of Insurance: **If the person or entity seeking qualified vendor status with the County will be performing work at or on any County owned facility and/or property, Certificate(s) of Insurance are required to be submitted prior to performing any work.**

Insurance requirements are as follows

Public Liability and Property Damage Insurance:

Successful vendor agrees to keep in full force and effect, a policy of public liability and property damage insurance issued by a casualty company authorized to do business in the State of Texas, and in standard form approved by the Board of Insurance Commissioners of the State of Texas, with coverage provisions insuring the public from any loss or damage that may arise to any person or property by reason of services rendered by vendor. Vendor shall at its own expense be required to carry the following minimum insurance coverages:

- For damages arising out of bodily injury to or death of one person in any one occurrence – one hundred thousand and no/100 dollars ($100,000 00),
- For damages arising out of bodily injury to or death of two or more persons in any one occurrence – three hundred thousand and no/100 dollars ($300,000 00), and
- For injury to or destruction of property in any one occurrence – one hundred thousand and no/100 dollars ($100,000 00)

16

This insurance shall be either on an occurrence basis or on a claims made basis Provided however, that if the coverage is on a claims made basis, then the vendor shall be required to purchase, at the termination of this agreement, tail coverage for the County for the period of the County's relationship with the vendor under this agreement. Such coverage shall be in the amounts set forth in subparagraphs (1), (2), and (3) above.

Worker's Compensation Insurance:

Successful vendor shall also carry in full force Workers' Compensation Insurance policy(ies), if there is more than one employee, for all employees, including but not limited to full time, part time, and emergency employees employed by the vendor Current insurance certificates certifying that such policies as specified above are in full force and effect shall be furnished by the vendor to the County

The County of Galveston shall be named as additional insured on policies listed in subparagraphs above and shall be notified of any changes to the policy(ies) during the contractual period. Insurance is to be placed with insurers having a Best rating of no less than A The vendor shall furnish the County with certificates of insurance and original endorsements affecting coverage required by these insurance clauses The certificates and endorsements for each insurance policy are to be signed by a person authorized by the insurer to bind coverage on its behalf The vendor shall be required to submit annual renewals for the term of any contractual agreement, purchase order or term contract, with Galveston County prior to expiration of any policy.

In addition to the remedies stated herein, the County has the right to pursue other remedies permitted by law or in equity

The County agrees to provide vendor with reasonable and timely notice of any claim, demand, or cause of action made or brought against the County arising out of or related to utilization of the property Vendor shall have the right to defend any such claim, demand, or cause of action at its sole cost and expense and within its sole and exclusive discretion. The County agrees not to compromise or settle any claim or cause of action arising out of or related to the utilization of the property without the prior written consent of the vendor

In no event shall the County be liable for any damage to or destruction of any property belonging to the vendor unless specified in writing and agreed upon by both parties

Procurement Policy - Special Note:

Understand that it is, according to Texas Local Government Code, Section 262 011, Purchasing Agents, subsections (d), (e), and (f), the sole responsibility of the Purchasing Agent to supervise all procurement transactions

Therefore, be advised that all procurement transactions require proper authorization in the form of a Galveston County purchase order from the Purchasing Agent's office prior to commitment to deliver supplies, materials, equipment, including contracts for repair, service, and maintenance agreements Any commitments made without proper authorization from the Purchasing Agent's office, pending Commissioners' Court approval, may become the sole responsibility of the individual making the commitment including the obligation of payment

Code of Ethics - Statement of Purchasing Policy:

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17

retention of personnel needed by Galveston County. Such policy is implemented by prescribing essential standards of ethical conduct without creating unnecessary obstacles to entering public office

Public employees must discharge their duties impartially so as to assure fair competitive access to governmental procurement by responsible contractors Moreover, they should conduct themselves in such a manner as to foster public confidence in the integrity of the Galveston County procurement organization

To achieve the purpose of these instructions, it is essential that those doing business with Galveston County also observe the ethical standards prescribed here

General Ethical Standards: It shall be a breach of ethics to attempt to realize personal gain through public employment with Galveston County by any conduct inconsistent with the proper discharge of the employee's duties

It shall be a breach of ethics to attempt to influence any public employee of Galveston County to breach the standards of ethical conduct set forth in this code.

It shall be a breach of ethics for any employee of Galveston County to participate directly or indirectly in procurement when the employee knows that

- The employee or any member of the employee's immediate family has a financial interest pertaining to the procurement.
- A business or organization in which the employee, or any member of the employee's immediate family, has a financial interest pertaining to the procurement.
- Any other person, business or organization with which the employee or any member of the employee's immediate family is negotiating or has an arrangement concerning prospective employment is involved in the procurement

Gratuities: It shall be a breach of ethics to offer, give or agree to give any employee of Galveston County, or for any employee or former employee of Galveston County to solicit, demand, accept or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, preparation of any part of a program requirement or purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any program requirement or a contract or subcontract, or to any solicitation or proposal therefore pending before this government

Kickbacks: It shall be a breach of ethics for any payment, gratuity or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor for any contract for Galveston County, or any person associated therewith, as an inducement for the award of a subcontract or order

Contract Clause: The prohibition against gratuities and kickbacks prescribed above shall be conspicuously set forth in every contract and solicitation by Galveston County

Confidential Information: It shall be a breach of ethics for any employee or former employee of Galveston County to knowingly use confidential information for actual or anticipated personal gain, or for the actual or anticipated gain of any person

Questions/Concerns:
If you have any questions or concerns regarding the information or instructions contained within this packet, please contact any member of the Purchasing Department staff at **(409) 770-5371**

CONFLICT OF INTEREST DISCLOSURE REPORTING

Proposer may be required under Chapter 176 of the Texas Local Government Code to complete and file a conflict of interest questionnaire (CIQ Form) If so, the completed CIQ Form must be filed with the County Clerk of Galveston County, Texas

If Proposer has an employment or other business relationship with an officer of Galveston County or with a family member of an officer of Galveston County that results in the officer or family member of the officer receiving taxable income that exceeds $2,500.00 during the preceding 12-month period, then Proposer **MUST** complete a CIQ Form and file the original of the CIQ Form with the County Clerk of Galveston County

If Proposer has given an officer of Galveston County or a family member of an officer of Galveston County one or more gifts with an aggregate value of more than $250 00 during the preceding 12-months, then Proposer **MUST** complete a CIQ Form and file the original of the CIQ Form with the County Clerk of Galveston County

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Galveston, Texas 77551

Galveston County Clerk
North County Annex, 1st Floor
174 Calder Road
League City, Texas 77573

Again, if Proposer is required to file a CIQ Form, the original completed form is filed with the Galveston County Clerk (not the Purchasing Agent)

For Proposer's convenience, a blank CIQ Form is enclosed with this proposal Blank CIQ Forms may also be obtained by visiting the Galveston County Clerk's website and/or the Purchasing Agent's website – both of these web sites are linked to the Galveston County homepage, at http //www co galveston tx us

As well, blank CIQ Forms may be obtained by visiting the Texas Ethics Commission website, specifically at http://www ethics state tx us/whatsnew/conflict_forms htm

Chapter 176 specifies deadlines for the filing of CIQ Forms (both initial filings and updated filings)

It is Proposer's sole responsibility to file a true and complete CIQ Form with the Galveston County Clerk if Proposer is required to file by the requirements of Chapter 176 Proposer is advised that it is an offense to fail to comply with the disclosure reporting requirements dictated under Chapter 176 of the Texas Local Government Code

If you have questions about compliance with Chapter 176, please consult your own legal counsel. Compliance is the individual responsibility of each person, business, and agent who is subject to Chapter 176 of the Texas Local Government Code

COUNTY of GALVESTON
Purchasing Department

rev 1 3, March 29, 2010

FORM PEID:	Request for Person-Entity Identification Data

Instructions: Please type or print clearly when completing sections 1 thru 4 and return completed form to

Galveston County Purchasing Agent
722 Moody Avenue (21st. Street), 5th Floor
Galveston, Texas 77550
(409) 770-5371 *office*
(409) 621-7987 *fax*

1.

Business Name:	
Attention Line:	

2.

Physical Address:			
City:		State:	Zip+4:

3.

Billing / Remit Address:			
City:		State:	Zip+4

4.

Main Contact Person:	
Main Phone Number:	
Fax Number:	
E-mail Address:	

Areas below are for County use only.

Requested By:	Phone / Ext. #
Department:	Date:

Action Requested - Check One:	IFAS PEID Vendor Number:	
( ) Add New	( ) Change Data	( ) Re-activate
( ) Inactivate	( ) Employee	( ) Attorney
( ) Landlord	( ) Foster Parent	( ) Refund
( ) One Time	( ) Foster Child	

Form **W-9**
(Rev October 2007)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give form to the requester. Do not send to the IRS.

Print or type
See Specific Instructions on page 2

Name (as shown on your income tax return)

Business name, if different from above

Check appropriate box ☐ Individual/Sole proprietor ☐ Corporation ☐ Partnership
☐ Limited liability company Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶
☐ Other (see instructions) ▶

☐ Exempt payee

Address (number, street, and apt or suite no)

Requester's name and address (optional)

City, state, and ZIP code

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box The TIN provided must match the name given on Line 1 to avoid backup withholding For individuals, this is your social security number (SSN) However, for a resident alien, sole proprietor, or disregarded entity, see the Part I Instructions on page 3 For other entities, it is your employer identification number (EIN) If you do not have a number, see *How to get a TIN* on page 3

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter

Social security number

or

Employer identification number

Part II Certification

Under penalties of perjury, I certify that

1 The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and

2 I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and

3 I am a U S citizen or other U S person (defined below)

Certification instructions You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return For real estate transactions, item 2 does not apply For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN See the instructions on page 4

Sign Here **Signature of U.S. person ▶** **Date ▶**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA

Use Form W-9 only if you are a U S person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to

1 Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),

2 Certify that you are not subject to backup withholding, or

3 Claim exemption from backup withholding if you are a U S exempt payee If applicable, you are also certifying that as a U S person, your allocable share of any partnership income from a U S trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9

Definition of a U.S. person. For federal tax purposes, you are considered a U S person if you are

- An individual who is a U S citizen or U S resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301 7701-7)

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax Therefore, if you are a U S person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U S status and avoid withholding on your share of partnership income

The person who gives Form W-9 to the partnership for purposes of establishing its U S status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases

- The U S owner of a disregarded entity and not the entity,

• The U S grantor or other owner of a grantor trust and not the trust, and

• The U S trust (other than a grantor trust) and not the beneficiaries of the trust

Foreign person. If you are a foreign person, do not use Form W-9 Instead, use the appropriate Form W-8 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities)

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S tax on certain types of income However, most tax treaties contain a provision known as a "saving clause " Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U S resident alien for tax purposes

If you are a U S resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U S tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items

1 The treaty country Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien

2 The treaty article addressing the income

3 The article number (or location) in the tax treaty that contains the saving clause and its exceptions

4 The type and amount of income that qualifies for the exemption from tax

5 Sufficient facts to justify the exemption from tax under the terms of the treaty article

Example. Article 20 of the U S -China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States Under U S law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years However, paragraph 2 of the first Protocol to the U S -China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption

If you are a nonresident alien or a foreign entity not subject to backup withholding, give the requester the appropriate completed Form W-8

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments This is called "backup withholding " Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, and certain payments from fishing boat operators Real estate transactions are not subject to backup withholding

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return

Payments you receive will be subject to backup withholding if·

1 You do not furnish your TIN to the requester,

2 You do not certify your TIN when required (see the Part II instructions on page 3 for details),

3 The IRS tells the requester that you furnished an incorrect TIN,

4 The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or

5 You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only)

Certain payees and payments are exempt from backup withholding See the instructions below and the separate instructions for the Requester of Form W-9

Also see *Special rules for partnerships* on page 1

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of $50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a $500 penalty

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties

Specific Instructions

Name

If you are an individual, you must generally enter the name shown on your income tax return However, if you have changed your last name, for instance, due to marriage without informing the Social Security Administration of the name change, enter your first name, the last name shown on your social security card, and your new last name

If the account is in joint names, list first, and then circle, the name of the person or entity whose number you entered in Part I of the form

Sole proprietor. Enter your individual name as shown on your income tax return on the "Name" line You may enter your business, trade, or "doing business as (DBA)" name on the "Business name" line

Limited liability company (LLC). Check the "Limited liability company" box only and enter the appropriate code for the tax classification ("D" for disregarded entity, "C" for corporation, "P" for partnership) in the space provided

For a single-member LLC (including a foreign LLC with a domestic owner) that is disregarded as an entity separate from its owner under Regulations section 301 7701-3, enter the owner's name on the "Name" line Enter the LLC's name on the "Business name" line

For an LLC classified as a partnership or a corporation, enter the LLC's name on the "Name" line and any business, trade, or DBA name on the "Business name" line

Other entities. Enter your business name as shown on required federal tax documents on the "Name" line This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the "Business name" line.

Note. You are requested to check the appropriate box for your status (individual/sole proprietor, corporation, etc.)

Exempt Payee

If you are exempt from backup withholding, enter your name as described above and check the appropriate box for your status, then check the "Exempt payee" box in the line following the business name, sign and date the form

Generally, individuals (including sole proprietors) are not exempt from backup withholding Corporations are exempt from backup withholding for certain payments, such as interest and dividends

Note. If you are exempt from backup withholding, you should still complete this form to avoid possible erroneous backup withholding

The following payees are exempt from backup withholding

1 An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2),

2 The United States or any of its agencies or instrumentalities,

3 A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities,

4 A foreign government or any of its political subdivisions, agencies, or instrumentalities, or

5 An international organization or any of its agencies or instrumentalities

Other payees that may be exempt from backup withholding include

6 A corporation,

7 A foreign central bank of issue,

8 A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States,

9 A futures commission merchant registered with the Commodity Futures Trading Commission,

10 A real estate investment trust,

11 An entity registered at all times during the tax year under the Investment Company Act of 1940,

12 A common trust fund operated by a bank under section 584(a),

13 A financial institution,

14 A middleman known in the investment community as a nominee or custodian, or

15. A trust exempt from tax under section 664 or described in section 4947

The chart below shows types of payments that may be exempt from backup withholding The chart applies to the exempt payees listed above, 1 through 15

IF the payment is for . .	THEN the payment is exempt for . .
Interest and dividend payments	All exempt payees except for 9
Broker transactions	Exempt payees 1 through 13. Also, a person registered under the Investment Advisers Act of 1940 who regularly acts as a broker
Barter exchange transactions and patronage dividends	Exempt payees 1 through 5
Payments over $600 required to be reported and direct sales over $5,000[1]	Generally, exempt payees 1 through 7[2]

[1] See Form 1099-MISC, Miscellaneous Income, and its instructions.

[2] However, the following payments made to a corporation (including gross proceeds paid to an attorney under section 6045(f), even if the attorney is a corporation) and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, and payments for services paid by a federal executive agency

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN) Enter it in the social security number box If you do not have an ITIN, see *How to get a TIN* below

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited liability company (LLC)* on page 2), enter the owner's SSN (or EIN, if the owner has one) Do not enter the disregarded entity's EIN If the LLC is classified as a corporation or partnership, enter the entity's EIN

Note. See the chart on page 4 for further clarification of name and TIN combinations

How to get a TIN. If you do not have a TIN, apply for one immediately To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local Social Security Administration office or get this form online at *www ssa gov* You may also get this form by calling 1-800-772-1213 Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN You can apply for an EIN online by accessing the IRS website at *www irs.gov/businesses* and clicking on Employer Identification Number (EIN) under Starting a Business You can get Forms W-7 and SS-4 from the IRS by visiting *www irs.gov* or by calling 1-800-TAX-FORM (1-800-829-3676)

If you are asked to complete Form W-9 but do not have a TIN, write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments The 60-day rule does not apply to other types of payments You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon

Caution: *A disregarded domestic entity that has a foreign owner must use the appropriate Form W-8.*

Part II. Certification

To establish to the withholding agent that you are a U S person, or resident alien, sign Form W-9 You may be requested to sign by the withholding agent even if items 1, 4, and 5 below indicate otherwise

For a joint account, only the person whose TIN is shown in Part I should sign (when required) Exempt payees, see *Exempt Payee* on page 2

Signature requirements. Complete the certification as indicated in 1 through 5 below

1 Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form

3. Real estate transactions. You must sign the certification You may cross out item 2 of the certification

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations)

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1 Individual	The individual
2 Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account [1]
3 Custodian account of a minor (Uniform Gift to Minors Act)	The minor [2]
4 a The usual revocable savings trust (grantor is also trustee)	The grantor-trustee [1]
b So-called trust account that is not a legal or valid trust under state law	The actual owner [1]
5 Sole proprietorship or disregarded entity owned by an individual	The owner [3]
For this type of account:	**Give name and EIN of:**
6 Disregarded entity not owned by an individual	The owner
7 A valid trust, estate, or pension trust	Legal entity [4]
8 Corporate or LLC electing corporate status on Form 8832	The corporation
9 Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
10 Partnership or multi-member LLC	The partnership
11 A broker or registered nominee	The broker or nominee
12 Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity

[1] List first and circle the name of the person whose number you furnish If only one person on a joint account has an SSN, that person s number must be furnished

[2] Circle the minor's name and furnish the minor s SSN

[3] You must show your individual name and you may also enter your business or "DBA" name on the second name line You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN

[4] List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title) Also see *Special rules for partnerships* on page 1

Note If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, social security number (SSN), or other identifying information, without your permission, to commit fraud or other crimes An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund

To reduce your risk

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer

Call the IRS at 1-800-829-1040 if you think your identity has been used inappropriately for tax purposes

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft

The IRS does not initiate contacts with taxpayers via emails Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts

If you receive an unsolicited email claiming to be from the IRS, forward this message to *phishing@irs gov* You may also report misuse of the IRS name, logo, or other IRS personal property to the Treasury Inspector General for Tax Administration at 1-800-366-4484 You can forward suspicious emails to the Federal Trade Commission at *spam@uce gov* or contact them at *www.consumer gov/idtheft* or 1-877-IDTHEFT(438-4338)

Visit the IRS website at *www irs gov* to learn more about identity theft and how to reduce your risk

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons who must file information returns with the IRS to report interest, dividends, and certain other income paid to you, mortgage interest you paid, the acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA, or Archer MSA or HSA. The IRS uses the numbers for identification purposes and to help verify the accuracy of your tax return The IRS may also provide this information to the Department of Justice for civil and criminal litigation, and to cities, states the District of Columbia, and U S possessions to carry out their tax laws We may also disclose this information to other countries under a tax treaty, to federal and state agencies to enforce federal nontax criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism

You must provide your TIN whether or not you are required to file a tax return Payers must generally withhold 28% of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to a payer Certain penalties may also apply

CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor or other person doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B 1491, 80th Leg , Regular Session

This questionnaire is being filed in accordance with Chapter 176, Local Government Code by a person who has a business relationship as defined by Section 176 001(1-a) with a local governmental entity and the person meets requirements under Section 176 006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. *See* Section 176 006, Local Government Code

A person commits an offense if the person knowingly violates Section 176.006, Local Government Code An offense under this section is a Class C misdemeanor.

OFFICE USE ONLY
Date Received

1 Name of person who has a business relationship with local governmental entity.

NONE

2 ☐ Check this box if you are filing an update to a previously filed questionnaire

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate)

3 Name of local government officer with whom filer has employment or business relationship.

_____
Name of Officer

This section (Item 3 including subparts A, B, C & D) must be completed for each officer with whom the filer has an employment or other business relationship as defined by Section 176 001(1-a), Local Government Code Attach additional pages to this Form CIQ as necessary

A Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the filer of the questionnaire?

☐ Yes ☐ No

B Is the filer of the questionnaire receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

☐ Yes ☐ No

C Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of 10 percent or more?

☐ Yes ☐ No

D. Describe each employment or business relationship with the local government officer named in this section.

4

Signature of person doing business with the governmental entity
Ryan Lucas

5/3/2011
Date

Adopted 06/29/2007

25

INSTRUCTIONS TO BIDDERS

1 BID PACKAGE

This bid package consists of the Invitation to Bid, the Instructions to Bidders, the bid proposal, the unexecuted Notice of Contract Award, the Special and General Terms and Conditions, any drawings and specifications, and any addenda which the County may issue prior to receipt of bids

2. REVIEW

Each bidder is required to thoroughly review this entire bid packet to familiarize themselves with the bidding procedures, the plans and specifications for the requested work as well as the terms, and conditions of the contact the successful bidder will execute with the County

3. PRE-BID MODIFICATIONS

Any modification to any portion of this bid packet will be in writing in the form of addenda All addenda will be mailed to all holders of plans and specifications at least three (3) days prior to the date of opening bids Bidders should inquire whether addenda have been issued inasmuch as Bidders shall be bound by such addenda whether or not received

4 BID FORMS

All bids must be submitted on forms furnished by County

5 TIME FOR RECEIVING BIDS

Bids received prior to the submission deadline will be maintained unopened until the specified time for bid opening If the bidder fails to identify the Bid Number on the outside of the envelope as required, the Purchasing Agent will open the

envelope for the sole purpose of identifying the Bid Number for which the submission was made The envelope will then be resealed No liability will attach to a County officer or employee for the premature opening of a bid

6 **TERM**

The term of the contract will begin on the date of execution by the County and will terminate on the date specified in the document entitled "Contract Award"

7 **AWARD OF BID**

The award will be to the responsive, responsible bidder(s) who submits the lowest and best bid Criteria utilized for determining responsibility of bidder(s) includes, the bidder's experience, skill, ability, business judgment, financial capacity, integrity, honesty, possession of the necessary facilities or equipment, previous performance, reputation, promptness and any other factor deemed relevant by the County The bidder shall furnish any information requested by the County in order for the County to determine whether a bidder is responsible

8 **SUBSTITUTES**

It is not the County's intent to discriminate against any materials of equal merit to those specified, however, should the Bidder desire to use any substitutions, prior written approval shall be obtained from the County sufficiently in advance in order that an addendum might be issued

9 **REJECTION OF BIDS**

The County, acting through its County Commissioners' Court reserves the right to (1) reject any and all bids and waive any informality in the bids received, (2) disregard the bid of any Bidder determined to be not responsible

10 **BID BOND**

Each Bidder will be required to furnish with his bid a Cashier's or Certified Check from any bank in the State of Texas or an acceptable Bidder's Bond for the sum of 5% of the total highest bid payable to the County of Galveston. The certified check or Bid Bond will be returned to the unsuccessful Bidder(s) and to the successful Bidder on the completion of execution of all contract documents and the furnishing of any necessary payment and

performance bonds and insurance certificates

The bid bond or check will be forfeited to the County as liquidated damages should the successful Bidder fail to give the required payment and performance bonds and insurance certificates and execute the contract with the said County within thirty (30) days after receiving notice of acceptance of its bid

11 **PERFORMANCE AND PAYMENT BOND**

V T C.A , Government Code Chapter 2253, requires a Performance Bond (for contracts in excess of $100,000) and a Payment Bond (for contracts in excess of $25,000), be provided by the Contractor Each bond required shall be equal to the total contract price and shall be issued by a satisfactory surety company The bond(s) will remain in full force and effect until final completion and acceptance of the work

The bond(s) are to be made payable to the County of Galveston They shall be written on forms provided by the surety for public works projects in Texas They shall also be executed by a surety and licensed to do business in Texas

Bidders should familiarize themselves with the entire provisions of V T C A ,

Chapter 2253 and the penalties provided for its violations before submitting their bid

12 **CONTRACT**

The contract shall become effective upon the Commissioners' Court's execution of same The contract documents shall consist of the contract, the general and special conditions, the drawings, the bid package, any addenda issued, and any change orders issued during the work

13 **TAX EXEMPTION**

This contract is issued by a political subdivision of the State of Texas which qualifies for exemption from sales, excise and use taxes pursuant to Section 151 309, Texas Tax Code

The Contractor performing this contract may purchase, rent or lease all materials, supplies, equipment used or consumed in the performance of this contract by issuing to his supplier an exemption certificate complying with State Comptroller's Ruling #95-9 07 in lieu of the tax Any such exemption certificate issued by the Contractor in lieu of the tax shall be subject to the provisions of the State Comptroller's ruling #95 05 (effective October 2, 1968) or as hereafter amended

SECTION II

Bid Proposal

Contract Award

COPY

BID NUMBER B111042

BID PROPOSAL

The bidder hereby proposes to furnish all labor, material, equipment and incidentals for.

TEXAS CITY 6TH STREET RECONSTRUCTION

Enclosed is a Certified Check, Cashier's Check or Bid Bond in the sum of 5% of the greatest amount bid

Bidder agrees to perform in accordance with the requirements of the contract documents in consideration of payment by the County of the prices in this proposal.

IN CASE OF DISCREPANCY BETWEEN UNIT PRICES AND EXTENDED PRICES, UNIT PRICES WILL GOVERN.

This bid sheet must be completely filled out in ink or typewritten with any necessary supplemental information attached.

The undersigned hereby agrees to all of the foregoing terms and provisions and to all terms and provisions of the contract, if awarded, which includes all provisions of Sections I - VI of this bid package.

BIDDER	RW Lucas Construction, LLC
SIGNATURE	
PRINT NAME	Ryan Lucas
TITLE	President
ADDRESS	551 C League City Parkway
CITY, STATE	League City, Texas
ZIP	77539
TELEPHONE	281-316-9990
FAX NO	281-316-6087
DATE	May 3, 2011
TAX I D No	27-3076189

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY WORK					
1	0100	PREPARING ROW	STA	48	Five hundred DOLLARS AND zero CENTS	$500 00	$24,000 00
2	0104	REMOVING CONC & ASPHALT (PAVING) (ALL THICKNESSES)	SY	32,656	Two DOLLARS AND fifty CENTS	$2 50	$81,640 00
3	0104	REMOVING CONC (SIDEWALKS) (ALL THICKNESSES)	SY	8,220	Two DOLLARS AND fifty CENTS	$2 50	$20,550 00
4	0104	REMOVING CONC & ASPHALT (DRIVEWAYS) (ALL THICKNESSES)	SY	1,645	Two DOLLARS AND fifty CENTS	$2 50	$4,112 50
5	0104	REMOVING CONC (WHEELCHAIR RAMP) (ALL THICKNESSES)	SY	265	Two DOLLARS AND fifty CENTS	$2 50	$662 50
6	0104	REMOVE CONC (PAVERS)	SY	260	Two DOLLARS AND fifty CENTS	$2 50	$650 00
7	0110	EXCAVATION (ROADWAY)	CY	1,880	Ten DOLLARS AND zero CENTS	$10 00	$18,800 00
8	0132	EMBANKMENT (FINAL)(DENS CONT)(TY A)	CY	1,938	Fourteen DOLLARS AND zero CENTS	$14 00	$27,132 00
9	0162	BLOCK SODDING	SY	4,557	Three DOLLARS AND zero CENTS	$3 00	$13,671 00
10	0166	FERTILIZER	AC	0.94	Six hundred DOLLARS AND zero CENTS	$600 00	$564 00
11	0168	VEGETATIVE WATERING	MG	113	One hundred DOLLARS AND zero CENTS	$100 00	$11,300 00
12	0260	LIME (HYD, COM OR QK) (SLRY) OR QK (DRY)	TON	565	One hundred sixty five DOLLARS AND zero CENTS	$165 00	$93,225 00
13	0265	LIME OR LFA TREAT SUBGRADE(8")	SY	35,168	Two DOLLARS AND zero CENTS	$2 00	$70,336 00
14	0360	CONC PVMT (JOINTED-CPCD)(8")(4000 psi)	SY	31,392	Thirty two DOLLARS AND zero CENTS	$32 00	$1,004,544 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
15	0416	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	30	One hundred twelve DOLLARS AND zero CENTS	$112 00	$3,360 00
16	0479	ADJ MANHS (SANITARY)	EA	3	Four hundred DOLLARS AND zero CENTS	$400 00	$1,200 00
17	0481	PVC PIPE (SCH 80)(3 IN)	LF	116	Twenty DOLLARS AND zero CENTS	$20 00	$2,320 00
18	0500	MOBILIZATION (LIMIT TO 5% OF TOTAL BID)	LS	1	Ninety six thousand three hundred seventy three DOLLARS AND zero CENTS	$96,373 00	$96,373 00
19	0502	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	10	Five thousand DOLLARS AND zero CENTS	$5,000 00	$50,000 00
20	0506	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	1,111	Thirteen DOLLARS AND zero CENTS	$13 00	$14,443 00
21	0506	CONSTRUCTION EXITS (REMOVE)	SY	1,111	Six DOLLARS AND zero CENTS	$6 00	$6,666 00
22	0506	CONSTRUCTION PERIMETER FENCE	LF	156	Twenty DOLLARS AND zero CENTS	$20 00	$3,120 00
23	0506	SANDBAGS FOR EROSION CONTROL	EA	176	Ten DOLLARS AND zero CENTS	$10 00	$1,760 00
24	0528	COLORED TEXTURED CONC (6")	SY	461	Sixty DOLLARS AND zero CENTS	$60 00	$27,660 00
25	0528	LANDSCAPE PAVERS	SY	260	Sixty DOLLARS AND zero CENTS	$60 00	$15,600 00
26	0529	CONC CURB (MONO) (TY II)	LF	8,850	Three DOLLARS AND zero CENTS	$3 00	$26,550 00
27	0529	CONC CURB (DOWEL)	LF	1,200	Three DOLLARS AND zero CENTS	$3 00	$3,600 00
28	0530	DRIVEWAYS (CONC)	SY	1,078	Thirty six DOLLARS AND zero CENTS	$36 00	$38,808 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO.	SPEC NO.	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
29	0531	CURB RAMPS (TY 1)	EA	64	Five hundred DOLLARS AND zero CENTS	$500 00	$32,000 00
30	0531	CONC SIDEWLKS (4")	SY	7,854	Thirty DOLLARS AND zero CENTS	$30 00	$235,620 00
31	0536	CONC MEDIAN (MONO NOSE)	SY	4	Ffity DOLLARS AND zero CENTS	$50 00	$200 00
32	0550	CHAIN LINK FENCE (REPAIR) (6')	LF	145	Ten DOLLARS AND zero CENTS	$10 00	$1,450 00
33	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	4	One thousand eight hundred DOLLARS AND zero CENTS	$1,800 00	$7,200 00
34	0618	CONDT (PVC) (SCHD 80) (3")	LF	345	Thirteen DOLLARS AND zero CENTS	$13 00	$4,485 00
35	0620	ELEC CONDUCTOR (NO 4) BARE	LF	10	Two DOLLARS AND zero CENTS	$2 00	$20 00
36	0620	ELEC CONDUCTOR (NO 4) INSULATED	LF	20	Two DOLLARS AND zero CENTS	$2 00	$40 00
37	0620	ELEC CONDUCTOR (NO 6) BARE	LF	505	One DOLLARS AND zero CENTS	$1 00	$505 00
38	0624	GROUND BOX TY C (122422) W/APRON	EA	5	Five hundred DOLLARS AND zero CENTS	$500 00	$2,500 00
39	0628	ELC SRV TY D 120/240 060 (NS)SS(E)SP(O)	EA	1	Three thousand DOLLARS AND zero CENTS	$3,000 00	$3,000 00
40	0636	ALUMINUM SIGNS (TY A)	SF	150	Twenty six DOLLARS AND zero CENTS	$26 00	$3,900 00
41	0644	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	80	Four hundred DOLLARS AND zero CENTS	$400 00	$32,000 00
42	0666	REFL PAY MRK TY I (W) 4" (BRK) (100 MIL)	LF	620	Zero DOLLARS AND thirty CENTS	$0 30	$186 00

34

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
43	0666	REFL PAY MRK TY I (W) 4" (SLD) (100 MIL)	LF	10,300	Zero DOLLARS AND forty CENTS	$0 40	$4,120 00
44	0666	REFL PAY MRK TY I (W) 8" (SLD) (100 MIL)	LF	725	Zero DOLLARS AND sixty CENTS	$0 60	$435 00
45	0666	REFL PAY MRK TY I (W) 12" (SLD) (100 MIL)	LF	2,925	Two DOLLARS AND zero CENTS	$2 00	$5,850 00
46	0666	REFL PAY MRK TY I (W) 24" (SLD) (100 MIL)	LF	148	Four DOLLARS AND zero CENTS	$4 00	$592 00
47	0666	REFL PAY MRK TY I (W) (ARROW) (100 MIL)	EA	10	Eighty DOLLARS AND zero CENTS	$80 00	$800 00
48	0666	REFL PAY MRK TY I (W) (DBL ARROW) (100 MIL)	EA	5	One hundred twenty six DOLLARS AND zero CENTS	$126 00	$630 00
49	0666	REFL PAY MRK TY I (W) (WORD) (100 MIL)	EA	11	Eighty five DOLLARS AND zero CENTS	$85 00	$935 00
50	0666	REFL PAY MRK TY I (Y) 4" (SLD) (100 MIL)	LF	3,742	Zero DOLLARS AND forty CENTS	$0 40	$1,496 80
51	0666	REFL PAV MRKR TY I-A	EA	124	Three DOLLARS AND twenty six CENTS	$3 26	$404 24
52	0668	PREFAB PAV MRK (ACC PRK)(BLU & WHT)LRG	EA	4	One hundred DOLLARS AND zero CENTS	$100 00	$400 00
53	0678	PAV SURF PREP FOR MRK (4")	LF	14,662	Zero DOLLARS AND five CENTS	$0 05	$733 10
54	0678	PAV SURF PREP FOR MRK (8")	LF	725	Zero DOLLARS AND ten CENTS	$0 10	$72 50
55	0678	PAV SURF PREP FOR MRK (12")	LF	2,925	Zero DOLLARS AND twenty six CENTS	$0 26	$760 50
56	0678	PAV SURF PREP FOR MRK (24")	LF	148	Zero DOLLARS AND fifty CENTS	$0 50	$74 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST. QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
57	0678	PAV SURF PREP FOR MRK (ARROW)	EA	10	Five DOLLARS AND zero CENTS	$5 00	$50 00
58	0678	PAV SURF PREP FOR MRK (DBL ARROW)	EA	5	Seven DOLLARS AND zero CENTS	$7 00	$35 00
59	0678	PAV SURF PREP FOR MRK (SYMBOL)	EA	4	Five DOLLARS AND zero CENTS	$5 00	$20 00
60	0678	PAV SURF PREP FOR MRK (WORD)	EA	11	Five DOLLARS AND zero CENTS	$5 00	$55 00
61	0680	INSTALL OF HWY TRAF SIG (FLASH BEACON), WITH CONTROLLER (FLASHER W/CABINET), AND ROD (5/8" X 8' COPPER CLAD GROUND)	EA	1	Nine hundred DOLLARS AND zero CENTS	$900 00	$900 00
62	0682	VEH SIG SEC (12 IN) LED (RED)	EA	4	Two hundred fifty DOLLARS AND zero CENTS	$250 00	$1,000 00
63	0682	BACK PLATE (12 IN) (1 SEC)	EA	4	Fifty DOLLARS AND zero CENTS	$50 00	$200 00
64	0684	TRF SIG CBL (TY A) (12 AWG) (2 CONDR)	LF	1,135	One DOLLARS AND zero CENTS	1 00	$1,135 00
65	0684	TRF SIG CBL (TY A) (12 AWG) (3 CONDR)	LF	650	One DOLLARS AND zero CENTS	$1 00	$650 00
66	0687	PED POLE ASSEMBLY	EA	1	One thousand five hundred DOLLARS AND zero CENTS	$1,500 00	$1,500 00
67	1014	LANDSCAPE AMENITY (TREE GRATE)	EA	83	Eight hundred ten DOLLARS AND zero CENTS	$810 00	$67,230 00
68	1018	TREE PROTECTION (EXIST OAKS BETWEEN 3RD AVE N & 4TH AVE N)	EA	11	One hundred DOLLARS AND zero CENTS	$100 00	$1,100 00
69	6007	REMOVING TRAFFIC SIGNALS	EA	1	One thousand five hundred DOLLARS AND zero CENTS	$1,500 00	$1,500 00
		SUBTOTAL, ROADWAY WORK					$2,078,431 14

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO.	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		WATERLINE IMPROVEMENTS					
70	02664	2" PVC (SCH 80) CLASS 200, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS , INCLUDING FITTINGS AND RESTRAINTS	LF	50	Fifty DOLLARS AND zero CENTS	$50 00	$2,500 00
71	02664	6" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	180	Sixty Five DOLLARS AND zero CENTS	$65 00	$11,700 00
72	02664	8" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	4,105	Sixty eight DOLLARS AND zero CENTS	$68 00	$279,140 00
73	02664	12" PVC (AWWA C-900) CLASS 150, WATER LINE, BY OPEN CUT OR AUGER CONSTRUCTION, ALL DEPTHS, INCLUDING FITTINGS AND RESTRAINTS	LF	260	Eighty five DOLLARS AND zero CENTS	$85 00	$22,100 00
74	02640	8-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	29	One thousand five hundred DOLLARS AND zero CENTS	$1,500 00	$43,500 00
75	02640	12-INCH GATE VALVES, AWWA C509, MECHANICAL JOINT, RESILIENT WEDGE, NRS OPEN COUNTER CLOCKWISE WITH VALVE BOXES	EA	2	Two thousand four hundred DOLLARS AND zero CENTS	$2,400 00	$4,800 00
76	02645	FIRE HYDRANT ASSEMBLY, AWWA C502, MECHANICAL JOINT INLET, INCLUDING 6" GATE VALVE AND LEAD PIPE	EA	8	Four thousand DOLLARS AND zero CENTS	$4,000 00	$32,000 00
77	02645	REMOVE AND SALVAGE EXISTING FIRE HYDRANT AND VALVE, INCLUDING DELIVERING REMOVED HYDRANT AND VALVE TO THE CITY'S STORAGE YARD	EA	7	Four hundred DOLLARS AND zero CENTS	$400 00	$2,800 00
78	02669	ABANDON EXISTING WATER VALVES, ALL SIZES	EA	9	Fifty DOLLARS AND zero CENTS	$50 00	$450 00
79	02626	8"X8" TAPPING SLEEVE AND VALVE ASSEMBLY, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	2	Six thousand DOLLARS AND zero CENTS	$6,000 00	$12,000 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO.	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
80	02667	2" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	3	One thousand DOLLARS AND zero CENTS	$1,000 00	$3,000 00
81	02667	6" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	9	One thousand six hundred DOLLARS AND zero CENTS	$1,600 00	$14,400 00
82	02667	8" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	6	One thousand eight hundred DOLLARS AND zero CENTS	$1,800 00	$10,800 00
83	02667	12" WET CONNECTION, INCLUDING COUPLING AND APPURTENANCES AS NECESSARY	EA	1	Three thousand DOLLARS AND zero CENTS	$3,000 00	$3,000 00
84	02665	1" SINGLE LONG SIDE SERVICE RECONNECTION	EA	5	One thousand six hundred fifty DOLLARS AND zero CENTS	$1,650 00	$8,250 00
85	02665	1" SINGLE SHORT SIDE SERVICE RECONNECTION	EA	5	One thousand one hundred DOLLARS AND zero CENTS	$1,100 00	$5,500 00
86	02669	CUT AND PLUG AND ABANDON EXISTING 2" WATER LINE	EA	2	Five hundred DOLLARS AND zero CENTS	$500 00	$1,000 00
87	02669	CUT AND PLUG AND ABANDON EXISTING 6" WATER LINE	EA	10	Seven hundred DOLLARS AND zero CENTS	$700 00	$7,000 00
88	02669	CUT AND PLUG AND ABANDON EXISTING 8" WATER LINE	EA	6	Eight hundred DOLLARS AND zero CENTS	$800 00	$4,800 00
89	02571	REMOVE AND REPLACE ASPHALT ROADWAY ASPHALT ROADWAY, INCLUDING 2" MINIMUM THICKNESS HMAC TYPE D, 8" MINIMUM THICKNESS BLACK BASE, SAWCUTTING, TACK COAT AND EXCAVATION	SY	350	Ffity DOLLARS AND zero CENTS	$50 00	$17,500 00
90	02571	REMOVE AND REPLACE 8-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	350	Ninety DOLLARS AND zero CENTS	$90 00	$31,500 00

38

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BASE BID

ITEM NO	SPEC NO	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
91	02571	REMOVE AND REPLACE 4-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING, CURBS, SUBGRADE, REINFORCEMENT AND JOINTS	SY	250	Sixty eight DOLLARS AND zero CENTS	$68 00	$17,000 00
92	02571	REMOVE AND REPLACE 6-INCH THICK CONCRETE ROADWAY, INCLUDING SAWCUTTING CURBS, SUBGRADE, REINFORCEMENT, AND JOINTS	SY	50	Eighty two DOLLARS AND zero CENTS	$82 00	$4,100 00
93	01526	TRENCH SAFETY FOR ALL WATER LINE GREATER THAN 5' DEEP, INCLUDING INSTALLATION, OPERATION AND REMOVAL	LF	500	One DOLLARS AND zero CENTS	$1 00	$500 00
94	01025	MISCELLANEOUS ALLOWANCE, AS DIRECTED BY THE ENGINEER	LS	1	TWENTY THOUSAND DOLLARS AND ZERO CENTS	$20,000.00	$ 20,000
		SUBTOTAL, WATERLINE IMPROVEMENTS					$559,340 00
		SOIL MANAGEMENT PLAN					
95	02664	PREPARATORY WORK IN POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA) INCLUDING PREPARING ENVIRONMENTAL HEALTH AND SAFETY PLAN, PREPARING ENVIRONMENTAL WORK PLAN, TRAINING PERSONNEL, AND OBTAINING PERMITS AND ADDITIONAL INSURANCE AS APPLICABLE TO THE WORK	LS	1	Fifty thousand DOLLARS AND zero CENTS	$50,000 00	$50,000.00
96	02664	MONITORING AND FIELD SCREENING WITHIN THE PPCA	LS	1	Ten thousand DOLLARS AND zero CENTS	$10,000 00	$10,000 00
		SUBTOTAL, SOIL MANAGEMENT PLAN					$60,000 00
		TOTAL BASE BID					$2,697,771 14

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

ADDITIVE ALTERNATES

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ADDITIVE ALTERNATE NO. 1 - TREE REMOVAL AND REPLACEMENT					
1	0193	PLANT REPLACEMENT (TREES, ALL SIZES)	EA	145	Three hundred DOLLARS AND zero CENTS	$300 00	$43,500 00
		SUBTOTAL, ADDITIVE ALTERNATE NO 1					$43,500 00
		ADDITIVE ALTERNATE NO. 2 - DECORATIVE STREET LIGHTING					
1	0416	DRILL SHAFT (SIGN MTS) (18 IN)	LF	402	Fifty DOLLARS AND zero CENTS	$50 00	$20,100 00
2	0610	INS RDWY ILL ASSEM (SPECIAL)	EA	128	Two thousand two hundred DOLLARS AND zero CENTS	$2,200 00	$281,600 00
3	0610	REMOVE RD IL ASM (SPECIAL)	EA	43	Ninety DOLLARS AND zero CENTS	$90 00	$3,870 00
4	0618	CONDT (PVC) (SCHD 40) (2")	LF	7,410	Eight DOLLARS AND zero CENTS	$8 00	$59,280 00
5	0620	ELEC CONDR (NO. 8) BARE	LF	7,410	One DOLLARS AND zero CENTS	$1 00	$7,410 00
6	0620	ELEC CONDR (NO 8) INSULATED	LF	14,950	One DOLLARS AND twenty CENTS	$1 20	$17,940 00
7	0624	GROUND BOX TY A (122311) W/APRON	EA	13	Five hundred DOLLARS AND zero CENTS	$500 00	$6,500 00
8	0628	ELC SRV TY A 120/240 100 (NS)SS(E)GC(O)	EA	2	Seven hundred DOLLARS AND zero CENTS	$700 00	$1,400 00
		SUBTOTAL, ADDITIVE ALTERNATE NO. 2					$398,100 00
		TOTAL ADDITIVE ALTERNATES					$441,600 00

40

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

SUPPLEMENTAL UNIT PRICE ITEMS (REQUIRE APPROVAL FROM THE ENGINEER PRIOR TO BEING USED)

ITEM NO	SPEC NO.	DESCRIPTION	UNIT	EST QUANT.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
		ROADWAY CONSTRUCTION					
1	0265	FLY ASH FOR SUBGRADE PREP	TON	800	One hundred DOLLARS AND zero CENTS	$100 00	$80,000 00
2	0624	GROUND BOX TY D (162922)	EA	1	Seven hundred DOLLARS AND zero CENTS	$700 00	$700 00
3	0684	TRF SIG CBL (TY C) (14 AWG) (2 CONDR)	LF	600	One DOLLARS AND zero CENTS	$1 00	$600 00
4	0688	VEH LP DETECT (SAWCUT)	LF	300	Ten DOLLARS AND zero CENTS	$10 00	$3,000 00
5	03061	FAST TRK CONC (CONT REINF HY STL) 11"	SY	12,000	Fifty two DOLLARS AND zero CENTS	$52 00	$624,000 00
		SOIL MANAGEMENT PLAN					
6	02664	SURCHARGE FOR EXCAVATION OF CONTAMINATED MATERIAL	CY	300	One hundred DOLLARS AND zero CENTS	$100 00	$30,000 00
7	02664	DISPOSAL OF CLASS II CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Two hundred fifty DOLLARS AND zero CENTS	$250 00	$37,500 00
8	02664	DISPOSAL OF CLASS I CONTAMINATED SOIL (INCLUDING LOADING, TRANSPORTATION AND DISPOSAL)	CY	150	Three hundred fifty DOLLARS AND zero CENTS	$350 00	$52,500 00
9	02664	CONTAMINATED WATER DISPOSAL	GAL	2,000	Five DOLLARS AND zero CENTS	$5 00	$10,000 00
		TOTAL SUPPLEMENTAL UNIT PRICE ITEMS					$838,300 00

BID FORM
TEXAS CITY 6TH STREET RECONSTRUCTION

BID SUMMARY

TOTAL - BASE BID $2,697,771 14

TOTAL - ADDITIVE ALTERNATES BID $441,600 00

TOTAL - BASE BID + ADDITIVE ALTERNATES BID $3,139,371 14

TOTAL - SUPPLEMENTAL UNIT PRICE ITEMS $838,300 00

This proposal consists of a Base Bid, two Additive Alternate Bids and Supplemental Unit Price Items. For a bid to be considered responsive, all sections must be completed

The County reserves the right to award the base bid without the alternates, or the base bid with either or both alternates, and the lowest responsible bidder will be determined based on which option the County selects

Either the Base Bid alone or the Base Bid with any combination of Additive Alternates may be awarded for contract, however, in no case will the Additive Alternates only be awarded The award of the contract will be based on the combination considered to be in the best interest of Galveston County

All items of work required under this contract not specifically called for in the proposal as pay items shall be considered incidental to the various bid items and no separate payment shall be made for same

State of Texas Tax Statement of Materials and other charges:

The cost of in-place materials to be incorporated into the project	$1,534,481.14
The cost of labor, profit, materials not in-place and all other charges	$1,604,890 00
TOTAL. (Must agree with bid)	$3,139,371 14

CONTRACT AWARD

CONTRACT FOR: TEXAS CITY 6TH STREET RECONSTRUCTION

THIS CONTRACT IS ENTERED INTO BETWEEN GALVESTON COUNTY AND THE CONTRACTOR NAMED BELOW PURSUANT TO SUBCHAPTER B, CHAPTER 271, TEXAS LOCAL GOVERNMENT CODE, AND THE REFERENCED INVITATION TO BID

Contract No: 1079

Bid No B111042

Contractor RW Lucas Construction, LLC

The Specifications and Drawings are enumerated as follows

Standard Specifications **Standard Specifications For Construction And Maintenance Of Highways, Streets And Bridges; adopted by the Texas Department Of Transportation, June 2004**

Special Provisions **To TxDOT Items 1 thru 9**
To TxDOT Items 100, 166, 260, 360, 500, 502, 506, 620, 624, 628, 636, 687

Special Specifications

01000	**Special Provisions to Special Specifications**
01025	**Measurement and Payment for Water Line Construction**
01292	**Schedule of Values**
01326	**Construction Schedule (Bar Chart)**
01330	**Submittal Procedures**
01340	**Shop Drawings, Product Data & Samples**
01410	**Testing Laboratory Services**
01450	**Contractor's Quality Control**
01526	**Trench Safety Systems**
01610	**Basic Product Requirements**
01630	**Product Substitution Procedures**
01770	**Closeout Procedures**
01785	**Project Record Documents**
02105	**Soil Management Plan – Potentially Contaminated Soil/Water Management**
02227	**Excavation and Backfill for Utilities**
02229	**Utility Backfill Materials**
02252	**Cement Stabilized Sand**
02571	**Pavement Repair for Utilities**
02603	**Frames, Grates, Rings and Covers**

02604	**Valve Boxes, Meter Boxes, and Meter Vaults**
02607	**Adjusting Manholes, Inlets, and Valve Boxes to Grades**
02610	**Ductile Iron Pipe and Fittings**
02611	**Steel Pipe and Fittings**
02620	**PVC Pipe**
02626	**Tapping Sleeves and Valves**
02627	**Water Meters**
02628	**Augering Pipe for Water Lines**
02629	**Polyurethane Coatings on Steel or Ductile Iron Pipe**
02630	**Polyethylene Wrap**
02640	**Gate Valves**
02645	**Fire Hydrant Assembly**
02664	**Water Mains**
02665	**Residential Water Service Connections and/or Reconnections**
02667	**Wet Connections**
02669	**Cut, Plug and Abandonment of Mains**
02675	**Disinfection of Waterlines**
02676	**Hydrostatic Testing of Pipelines**

DRAWINGS	**1 Through 66**
ADDENDA	**Addendum No. 1, dated April 15, 2011**

Contract Award (continued)

Sections I (Invitation to Bid, General Provisions, Instructions to Bidders, Vendor Qualification Packet), II (Bid Proposal, Contract Award), III (Special Terms and Conditions, [including Addenda], Wage Rates & AIA Forms), IV (General Terms and Conditions), V (Specifications) and VI (Plans) attached to this Contract Award are all made a part of this Contract and collectively evidence and constitute the entire contract Contractor shall furnish all materials, perform all of the work required to be done and do everything else required by these documents

Time of Completion The Contractor shall complete the work within 300 Calendar Days of the issuance of the notice to proceed The time set forth for completion of the work is *an essential element of the Contract*

The Contract Sum The County shall pay the Contractor for performance of the Contract, the sum of **Three Million, Ninety-Five Thousand, Eight Hundred and Seventy-One**

Dollars and 14/100 ($ **3,095,871.14**), **(Base Bid Plus Additive Alternate No. 2)**, payments to be made as described herein

Performance Bond required (x) yes ( ) no
Payment Bond required (x) yes ( ) no

This Contract is issued pursuant to award made by Commissioners' Court on **June 21**, 20**11**

EXECUTED this 30th day of June, 2011

COUNTY OF GALVESTON, TEXAS

BY Mark Henry
MARK HENRY, County Judge

ATTEST
Dwight D. Sullivan
DWIGHT D SULLIVAN, County Clerk

CONTRACTOR
RW Lucas Construction, LLC

BY
Signature - Title
PRESIDENT
Ryan Lucas
Printed Name

STATUTORY PERFORMANCE BOND

(Texas Public Work)

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
Hartford, Connecticut 06183

Bond No 105615305	

KNOW ALL MEN BY THESE PRESENTS, that R W Lucas Construction, LLC, 551 C League City Parkway, League City, Texas 77573

(hereinafter called the Principal), as Principal and Travelers Casualty and Surety Company of America (hereinafter called the Surety), as Surety, are held and firmly bound unto Galveston County

(hereinafter called the Obligee), as Obligee, in the amount of Three Million Ninety Five Thousand Eight Hundred Seventy One and 14/100

($3,095,871 14) dollars for the payment where of, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents

WHEREAS, the Principal has entered into a certain contract with the Obligee, dated the 21 day of June, 2011, to Bid No B111042 Texas City 6th Street Reconstruction

which contract is hereby referred to and made a part hereof and to the same extent if copied at length herein

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall faithfully perform the work in accordance with the plans, specifications and contract documents, then this obligation shall be void, otherwise to remain in full force and effect

PROVIDED, HOWEVER, that this bond is executed pursuant to Chapter 2253 of the Texas Government Code and all liabilities on this bond shall be determined in accordance with the provisions of said Code to the same extent as if it were copied at length herein

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this 21 day of June, 2011

R W Lucas Construction, LLC
(Principal)

By _____
RYAN LUCAS, PRESIDENT

Travelers Casualty and Surety Company of America

By _____
Kelly J. Brooks, Attorney-in-Fact

HARTFORD, CONN

STATUTORY PAYMENT BOND
(Texas Public Work)

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
Hartford, Connecticut 06183

Bond No 105615305	

KNOW ALL MEN BY THESE PRESENTS, that R W Lucas Construction, LLC, 551 C League City Parkway, League City, Texas 77573

(hereinafter called the Principal), as Principal and Travelers Casualty and Surety Company of America (hereinafter called the Surety), as Surety, are held and firmly bound unto Galveston County

(hereinafter called the Obligee), as Obligee, in the amount of Three Million Ninety Five Thousand Eight Hundred Seventy One and 14/100

($3,095,871 14) Dollars for the payment where of, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents

WHEREAS, the Principal has entered into a certain contract with the Obligee, dated the 21 day of June, 20 11, to Bid No B111042 Texas City 6th Street Reconstruction

which contract is hereby referred to and made a part hereof and to the same extent if copied at length herein

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall pay all claimants supplying labor and material to him or a subcontractor in the prosecution of the work provided for in said contract , then, this obligation shall be void, otherwise to remain in full force and effect

PROVIDED, HOWEVER, that this bond is executed pursuant to Chapter 2253 of the Texas Government Code and all liabilities on this bond shall be determined in accordance with the provisions of said Code to the same extent as if it were copied at length herein

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this 21 day of June, 2011

R W Lucas Construction, LLC
(Principal)

By _____
Ryan Lucas, President

Travelers Casualty and Surety Company of America

By _____
Kelly J Brooks, Attorney-in-Fact

HARTFORD, CONN

WARNING THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

TRAVELERS

POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No 215018

Certificate No 003853780

KNOW ALL MEN BY THESE PRESENTS That St Paul Fire and Marine Insurance Company, St Paul Guardian Insurance Company and St Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota that Farmington Casualty Company Travelers Casualty and Surety Company and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc , is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

C A McClure, Kelly J Brooks, Kenneth L Meyer, and Michelle Ulery

of the City of Houston, State of Texas, their true and lawful Attorney(s)-in-Fact each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed this 23rd day of August, 2010

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc
St Paul Fire and Marine Insurance Company
St Paul Guardian Insurance Company

St Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

State of Connecticut
City of Hartford ss

By George W Thompson Senior Vice President

On this the 23rd day of August, 2010, before me personally appeared George W Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company Fidelity and Guaranty Insurance Underwriters Inc , St Paul Fire and Marine Insurance Company, St Paul Guardian Insurance Company, St Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he as such, being authorized so to do executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer

In Witness Whereof, I hereunto set my hand and official seal
My Commission expires the 30th day of June, 2011

MARIE C. TETREAULT NOTARY PUBLIC CONNECTICUT

Marie C. Tetreault Notary Public

58440-4-09 Printed in U S A

WARNING THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc , St Paul Fire and Marine Insurance Company, St Paul Guardian Insurance Company, St Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company which resolutions are now in full force and effect, reading as follows

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her, and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary, and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary, or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority, and it is

FURTHER RESOLVED, that the signature of each of the following officers President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached

I, Kori M Johanson, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc , St Paul Fire and Marine Insurance Company, St Paul Guardian Insurance Company, St Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 21 day of June, 20 11

Kori M Johanson, Assistant Secretary

To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www travelersbond com Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached

Travelers

IMPORTANT NOTICE

TO OBTAIN INFORMATION OR MAKE A COMPLAINT:

You may contact Travelers Casualty & Surety Company of America, Travelers Casualty & Surety Company, Travelers Indemnity Company, Standard Fire Insurance Company and/or Farmington Casualty Company for information or to make a complaint at

Travelers Bond
Attn. Claims
1500 Market Street
West Tower, Suite 2900
Philadelphia, PA 19102

(267) 675-3000
(267) 675-3102 Fax

You may contact the Texas Department of Insurance to obtain the information on companies, coverages, rights or complaints at.

Texas Department of Insurance
P O Box 149104
Austin, TX 78714-9104

(800) 252-3439

ATTACH THIS NOTICE TO YOUR BOND This notice is for information only and does not become a part or a condition of the attached document and is given to comply with Section 2253-021, Government Code, and Section 53 202, Property Code, effective September 1, 2001

OP ID. LURO

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 06/24/11

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER

IMPORTANT If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Hotchkiss Insurance Agency LLC
13105 NW Freeway, Suite 850
Houston, TX 77040-6312
Tye Justice, CIC

713-956-9800
713-956-0331

CONTACT NAME
PHONE (A/C, No, Ext)
FAX (A/C, No)
E-MAIL ADDRESS
PRODUCER CUSTOMER ID # LUCAS-1

INSURED
RW Lucas Construction LLC
Lucas Construction Company Inc
551 Link Rd #C
League City, TX 77573-5429

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A Allied Property & Casualty	42579
INSURER B Texas Mutual Insurance Co	22945
INSURER C	
INSURER D	
INSURER E	
INSURER F	

COVERAGES CERTIFICATE NUMBER REVISION NUMBER

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER POLICY X PRO-JECT LOC	X		ACPGLPO7232694793	07/31/10	07/31/11	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
A	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS X HIRED AUTOS X NON-OWNED AUTOS			ACPBAPC7232694793	07/31/10	07/31/11	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
								$
A	UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DEDUCT'BLE RETENTION $			ACPCAD7232694793	07/31/10	07/31/11	EACH OCCURRENCE	$ 5,000,000
							AGGREGATE	$ 5,000,000
								$
								$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		TSF0001182104	07/31/10	07/31/11	X WC STATU-TORY LIMITS OTH-ER	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
A	Equipment Floater			ACPCIMP7232694793	07/31/10	07/31/11	Lease/Ren	400,000
	Special inc Theft			$1000 DEDUCTIBE			Sched Equ	4,204,441

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Re Texas City 6th St Reconstruction Project
Certificate holders is named Additional insured in regards to General Liability as required by written contract

CERTIFICATE HOLDER

GALVES1

Galveston County, Texas
% Rufus Crowder,
Purchasing Agent
722 Moody, 5th Floor
Galveston, TX 77550

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS

AUTHORIZED REPRESENTATIVE

Douglas B. Hotchkiss

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SECTION III

Special Terms and Conditions

SPECIAL TERMS AND CONDITIONS

CONTRACT FOR: TEXAS CITY 6TH STREET RECONSTRUCTION

In the event of a conflict between any provision of these Special Terms and Conditions and any other section or provision of this bid package or a contract awarded under this bid, the Special Terms and Provisions control If you need additional information, contact the Project Administrator

SCOPE:

It is the intent of these specifications to secure a contract to furnish labor, equipment, materials and incidentals as required to·

> Improvement of 6th Street from Texas Avenue to 11th Avenue North The roadway will be improved from an existing varied-lane roadway to a varied-lane roadway with curb and gutter and on-street parking. The roadway construction includes removal of existing roadway and replacement with new concrete paving, pavement markings, clearing and grubbing, cut and fill, and SWPPP Sidewalks and wheelchair ramps will be removed and replaced. Decorative lighting will be installed Traffic signal poles at 9th Avenue will be replaced Portions of existing water lines will be replaced

The work to be performed will be administered by the County's Program Administrator, who, for purposes of this Contract is

Name· G Michael Fitzgerald, P E , County Engineer
Address 123 Rosenberg, Suite 4157, Galveston, Texas 77550
Telephone No . (409) 770-5549

GENERAL

The Contractor will be required to make submittals on all materials for pre-delivery approval

All advance warning signs to be set two weeks prior to the start of construction activities and to remain in place until all construction activities are complete and accepted by Galveston County

For this project the contractor will furnish and maintain all barricades and warning signs, including all temporary and portable traffic control devices necessary during the various phases of construction These barricades and warning signs shall be constructed and placed in accordance with the barricades and construction standards, latest Texas MUTCD, and typical construction layouts, or as directed by the Engineer

The Contractor shall be responsible for controlling excess dust and loose rocks produced by the work The Contractor shall use methods which are reasonable and practical to control these problems

MATERIAL STORAGE

Mixing of materials, storing of materials, storing of equipment, or repairing of equipment on top of pavement or bridge decks will not be permitted unless specifically authorized by the ENGINEER Permission will be granted to store materials on subject surfaces if no damage or discoloration will result

MATERIAL HAULING

Hauling of materials will not be paid for directly, but shall be considered as subsidiary work pertaining to the respective bid items Haul routes for full and empty loads shall be restricted to State Highways Hauling of equipment is also restricted to State Highways.

VERTICAL AND HORIZONTAL CONTROL

Vertical and horizontal control points will be provided by Galveston County All construction surveying and staking will be done by the contractor

MATERIALS TESTING

Galveston County will pay for and conduct materials testing for the County's benefit and use in determining whether to accept or reject the materials or finished products Contractor is responsible for assuring all materials and finished products comply with the Drawings and Specifications Test results from the County's testing will be made available to Contractor

SUSPENSION OF WORK

In case of suspension of work for any cause, the contractor shall be responsible for the preservation of all materials He shall provide suitable drainage of the roadway and shall erect temporary structures where required. The contractor shall maintain the roadway in good and passable condition until final acceptance

ABATEMENT AND MITIGATION OF EXCESSIVE OR UNNECESSARY CONSTRUCTION NOISE

Throughout all phases of the construction of this project, including the moving, unloading, operating and handling of construction equipment prior to commencement of work, during the project and after the work is complete, the contractor shall make every reasonable effort to minimize the noise imposed upon the immediate neighborhood surrounding the area of construction Particular and special efforts shall be exercised

by the Contractor to avoid the creation of unnecessary noise impacts on adjacent sensitive receptors in the placement of non-mobile equipment such as air compressors, generators, pumps, etc The placement of temporary parked mobile equipment with the engine running shall be such as to cause the least disruption of normal adjacent activities not associated with the work to be performed by the contractor

All equipment associated with the work shall be equipped with components designed by the manufacturer wholly or in part to suppress excessive noise and these components shall be maintained in their original operating condition considering normal depreciation Noise-attenuation devices installed by the manufacturer such as mufflers, engine covers, insulation, etc , shall not be removed nor rendered ineffectual nor be permitted to remain off the equipment while the equipment is in use

WORKING HOURS

Work shall not be commenced by the contractor before sunrise and shall be so conducted that all equipment is off the road and safely stored by sunset Specific permission shall be obtained by the contractor from the Engineer for work during those hours between 7 00 P.M and 6 00 A M of the following day

LIQUIDATED DAMAGES

Liquidated damages in the amount of One thousand dollars ($1,000.00) per day will be assessed for each day beyond the time of completion that the work is not substantially complete

TIME OF COMPLETION

Time of Completion of this project is 300 calendar days from the date of the Notice to Proceed

PIPELINE, UTILITY LOCATIONS AND CONTRACTOR RESPONSIBILITY

An effort to determine all pipelines and utilities which may impact the project has been made All known pipelines and utilities have been approximately located and shown on the plans The Contractor shall notify all utility and pipeline owners before beginning the work Additional unknown utilities and pipelines may be found Adjustments of these utilities or pipelines shall be done by others at no expense to the contractor However, the Contractor shall cooperate and coordinate his work with the adjustment

The Contractor will anticipate this in making his bid The contractor will not be allowed claims for damages or delays for these adjustments should they be necessary However, additional time will be considered for the contract period

This action, however, shall in no way be interpreted as relieving the Contractor of his responsibilities under the terms of the contract as set out in the plans and

specifications The Contractor shall repair any damage to the facilities caused by his operations at the Contractor's expense and shall restore facilities to service in a timely manner

BUILDER'S RISK INSURANCE

Builder's Risk Insurance and Professional Liability Insurance will not be required for this project.

EXPERIENCE

All bidders must have done a like project within the last two years

EXCESS, WASTE MATERIAL AND DEBRIS

All excess material, waste material and debris shall become the property of the Contractor and shall be properly disposed of off-site No separate payment shall be made for same

LABOR AND EQUIPMENT

All labor and equipment furnished by the contractor will be considered subsidiary to the various bid items and will not be paid for directly

FIELD OFFICE

For this project the Contractor will not have to provide a field office

INCIDENTALS

All items of work required under this contract not specifically called for in the proposal as pay items shall be considered incidental to the various bid items and no separate payment shall be made for same

FLAGMEN

During certain phases of construction flagmen will be required to direct and control traffic This work will not be paid for directly, but shall be considered incidental to Item 502, "Barricades, Signs and Traffic Handling"

SPECIAL REQUIREMENTS:

1) The attached schedule of wages per hour for this Contract follow

GENERAL DECISION: TX20100046 03/12/2010 TX46

Date: March 12, 2010
General Decision Number TX20100046 03/12/2010

Superseded General Decision Number. TX20080046

State Texas

Construction Types Highway

Counties: Brazoria, Chambers, Fort Bend, Galveston, Hardin, Harris, Jefferson, Liberty, Montgomery, Orange and Waller Counties in Texas.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects, and railroad construction, bascule, suspension & spandrel arch bridges, bridges designed for commercial navigation, bridges involving marine construction, other major bridges)

Modification Number	Publication Date
0	03/12/2010

SUTX2005-005 11/09/2004

	Rates	Fringes
Asphalt Distributor Operator	$ 10 94	0 00
Asphalt paving machine operator	$ 12 01	0 00
Asphalt Raker	$ 11 13	0 00
Asphalt Shoveler	$ 9 14	0.00
Broom or Sweeper Operator	$ 11 19	0 00
Bulldozer operator	$ 11 81	0 00
Carpenter, Rough	$ 12 49	0.00
Concrete Finisher, Paving	$ 11 38	0 00
Concrete Finisher, Structures	$ 10 80	0 00
Concrete Paving Curbing Machine Operator.	$ 10 00	0 00
Concrete Paving Finishing Machine Operator	$ 13.07	0 00
Concrete Paving Joint Sealer Operator	$ 11.00	0 00
Concrete Paving Saw Operator	$ 12 75	0 00
Concrete Paving Spreader Operator.	$ 10 44	0 00
Concrete Rubber.	$ 9 00	0.00
Crane, Clamshell, Backhoe, Derrick, Dragline, Shovel Operator	$ 12 71	0 00
Crusher and Screed Plant Operator	$ 11 29	0 00
Electrician	$ 21 79	0.00
Flagger	$ 9 42	0 00
Form Builder/Setter, Structures	$ 10 50	0 00
Form Liner, Paving & Curb	$ 11 75	0 00
Form Setter, Paving & Curb	$ 10 51	0 00
Foundation Drill Operator, Crawler Mounted	$ 15 00	0 00

Foundation Drill Operator, Truck Mounted	$ 12 73	0 00
Front End Loader Operator.	$ 10.65	0 00
Laborer, common	$ 9 15	0 00
Laborer, Utility	$ 9 81	0 00
Manhole Builder	$ 9 00	0 00
Mechanic	$ 13 72	0 00
Milling Machine Operator, Fine Grade	$ 13.17	0 00
Mixer operator	$ 10.33	0 00
Motor Grader Operator, Rough	$ 13 13	0 00
Motor Grader Operator	$ 11 67	0 00
Oiler	$ 12 12	0 00
Painter, Structures	$ 15 54	0 00
Pavement Marking Machine Operator	$ 8 18	0 00
Piledriverman.	$ 12.22	0 00
Pipelayer	$ 9 49	0 00
Reinforcing Steel Setter, Paving	$ 15.14	0.00
Reinforcing Steel Setter, Structure.	$ 13 87	0 00
Roller Operator, Pneumatic, Self-Propelled.	$ 9 91	0 00
Roller Operator, Steel Wheel, Flat Wheel/Tamping.	$ 10 43	0 00
Roller Operator, Steel Wheel, Plant Mix Pavement	$ 11 07	0 00
Scraper Operator	$ 9 92	0 00
Servicer	$ 10 96	0.00
Sign Installer (PGM).	$ 8.54	0 00
Slip Form Machine Operator	$ 11 07	0 00
Spreader Box operator	$ 11 12	0.00
Structural Steel Worker	$ 12 13	0 00
Tractor operator, Crawler Type	$ 13 00	0 00
Tractor operator, Pneumatic	$ 10 07	0.00
Traveling Mixer Operator.	$ 11 00	0 00
Truck driver, lowboy-Float	$ 13 16	0 00
Truck driver, Single Axle, Heavy	$ 10 65	0 00
Truck driver, Single Axle, Light	$ 10 07	0 00
Truck Driver, Tandem Axle, Semi-Trailer.	$ 10 25	0 00
Work Zone Barricade Servicer	$ 9 94	0 00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

==========

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5 5 (a) (1) (ii))

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively

bargained wage and fringe benefit rates Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program If the response from this initial contact is not satisfactory, then the process described in 2) and 3) should be followed

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations Write to

Branch of Construction Wage Determinations
Wage and Hour Division
U S Department of Labor
200 Constitution Avenue, N.W
Washington, DC 20210

2) If the answer to the question in 1) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7) Write to

Wage and Hour Administrator
U S Department of Labor
200 Constitution Avenue, N W
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc) that the requestor considers relevant to the issue

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to

Administrative Review Board
U S Department of Labor
200 Constitution Avenue, N W
Washington, DC 20210

4) All decisions by the Administrative Review Board are final

==========

END OF GENERAL DECISION

GENERAL DECISION TX20100123 08/13/2010 TX123

Date August 13, 2010
General Decision Number· TX20100123 08/13/2010

Superseded General Decision Number: TX20080123

State: Texas

Construction Type: Heavy

County Galveston County in Texas

HEAVY CONSTRUCTION PROJECTS Including Water and Sewer Lines
(Does Not Include Flood Control)

Modification Number	Publication Date
0	03/12/2010
1	08/13/2010

* SFTX0669-001 04/01/2010

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers) . ..	$ 25 40	15 85

SUTX2005-021 08/05/2005

HEAVY Including Water and Sewer Lines (Excluding Flood Control)

	Rates	Fringes
Carpenter	$ 14 38	
Cement mason/concrete finisher . .	$ 11 37	1.13
Electrician	$ 18 40	1.34
FORM BUILDER/FORM SETTER	$ 13 35	1 17
IRONWORKER, REINFORCING . ....$	11.29	
Laborers		
Common.	$ 10 70	
Landscape . . .	$ 7 35	
Mason Tender Cement .	$ 9 96	
Pipelayer. .	$ 10 07	
PIPEFITTER	$ 17.00	0 04
Power equipment operators		
Excavator	$ 16.74	
Backhoe .	$ 13 25	
Bulldozer	$ 14 00	
Crane . . .	$ 14 91	0 58
Front End Loader	$ 11 75	0 92
Grader . . . .$	12.20	1 48

Tractor	$ 12 38	1 51
TRUCK DRIVER	$ 12 28	0 98

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii))

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be·

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program If the response from this initial contact is not satisfactory, then the process described in 2) and 3) should be followed

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Branch of Construction Wage Determinations

Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W
Washington, DC 20210

2.) If the answer to the question in 1) is yes, then an interested party
(those affected by the action) can request review and reconsideration from
the Wage and Hour Administrator (See 29 CFR Part 1 8 and 29 CFR Part 7)
Write to

Wage and Hour Administrator
U.S Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested
party's position and by any information (wage payment data, project
description, area practice material, etc.) that the requestor considers
relevant to the issue

3) If the decision of the Administrator is not favorable, an interested
party may appeal directly to the Administrative Review Board (formerly the
Wage Appeals Board) Write to·

Administrative Review Board
U S Department of Labor
200 Constitution Avenue, N.W
Washington, DC 20210

4) All decisions by the Administrative Review Board are final

END OF GENERAL DECISION

GENERAL DECISION TX20100080 03/12/2010 TX80

Date March 12, 2010
General Decision Number: TX20100080 03/12/2010

Superseded General Decision Number TX20080080

State Texas

Construction Type Heavy

Counties. Brazoria, Fort Bend, Galveston, Harris, Matagorda, Montgomery, Waller and Wharton Counties in Texas

BRAZORIA, FORT BEND, GALVESTON, HARRIS, MONTOGOMERY, AND WALLER COUNTIES FLOOD CONTROL PROJECTS ONLY, (Does not Include any Water & Sewer Line work, Sewage Collection and Disposal Lines, Sewers (Sanitary Storm, etc), or Shoreline Maintenance Water Mains and Water Supply Lines)

MATAGORDA & WHARTON COUNTIES ONLY·
FLOOD CONTROL AND WATER AND SEWER LINES, including Breakwaters, Channels, Channel Cut-offs, Dikes, Drainage Projects, Flood Control Projects, Irrigation Projects, Jetties, Land Drainage (not incidental to other construction), Land Leveling (not incidental to other construction), Land Reclamation, Levees, Pipelines, Ponds, Pumping Stations (prefabricated drop- in not building), Revetments, Sewage Collection and Disposal Lines, Sewers (Sanitary, Storm, etc), Shoreline Maintenance Water Mains and Water Supply Lines (not incidental to building)

Modification Number	Publication Date
0	03/12/2010

* SUTX1998-009 03/26/1998

	Rates	Fringes
ASPHALT DISTRIBUTOR.	$ 9 47	
Asphalt Paving Machine	$ 10.05	
Asphalt Raker .	$ 8 28	
Asphalt Shoveler.	$ 7 45	
Batching Plant Weigher	$ 11 11	
Broom or Sweeper Operator	$ 8 01	
Bulldozer	$ 9 91	
CARPENTER . . .	$ 10 35	
Concrete Curbing Mach	$ 8 80	
Concrete Finisher-Paving ...	$ 9 87	

Concrete Finisher-Structures	$ 9 86
Concrete Finishing Machine	$ 11 79
Concrete Joint Sealer..... .	$ 10 50
Concrete Paving Float.....	$ 9 30
Concrete Paving Saw... ..	$ 10 01
Concrete Paving Spreader .	$ 9 32
Concrete Rubber . .	$ 9 00
Crane, Clamshell, Backhoe, Derrick, Dragline, Shovel.	$ 11 35
Crusher or Screening Plant Operator	$ 11 00
ELECTRICIAN.	$ 16 15
Flagger.	$ 7.25
Form Builder (Structures). . .	$ 9 96
Form Liner - Paving & Curb ...	$ 9 03
Form Setter (PAVING/CURB) . .	$ 8.86
Form Setter-Structures .	$ 9 05
Foundation Drill Operator, Crawler Mounted	$ 12 59
Foundation Drill Operator, Truck Mounted.....	$ 12.73
Front End Loader	$ 9 29
Labor Common... .	$ 7 45
Laborer-Utility	$ 8 53
Lineperson	$ 7 50
MANHOLE BUILDER (Brick) .	$ 8.49
MECHANIC	$ 11 38
Milling Machine Operator	$ 10 43
Mixer	$ 7 94
Motor Grader	
FINE GRADE	$ 11 11
Other.	$ 10 67
Oiler .	$ 9 56

Painter-Structures.	$ 14.00
Pavement Marking Machine	$ 7 45
Piledriver . . .	$ 10 96
Pipe layer ...	$ 8 49
Reinforcing Steel Setter Paving .	$ 12.50
Reinforcing Steel Setter Structures..	$ 12 47
Roller, Pneumatic, Self Propelled...	$ 7 96
Roller, Steel Wheel Other Flatwheel or Tamping	$ 7 61
Roller, Steel Wheel Plant Mix Pavements	$ 9 25
Scraper	$ 8 69
Servicer	$ 9 51
SIGN ERECTOR	$ 10 06
Sign Installer	$ 7 45
Slipform Machine Operator .	$ 9 20
Spreader Box Operator	$ 9 08
Steelworker Structural	$ 10.35
Tractor-Crawler Type .	$ 10.12
Tractor-Pneumatic	$ 8.99
Traveling Mixer.	$ 9 35
Trenching Machine, Heavy	$ 13 56
Trenching Machine, Light .	$ 10 50
Truck Driver Lowboy Float . ..	$ 11.29
Truck Driver Single Axle Heavy..	$ 8.76
Truck Driver Single Axle, Light	$ 8 15
Truck Driver Tandem Axle Semi-Trailer	$ 8 00
Wagon Drill, Boring Machine. .	$ 10 15
WELDER.	$ 10 43

61

Work Zone Barricade . $ 7 45

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental

==========

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5 5 (a) (1) (ii))

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2) and 3) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations Write to

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N W
Washington, DC 20210

2.) If the answer to the question in 1) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1 8 and 29 CFR Part 7) Write to

Wage and Hour Administrator
U S Department of Labor
200 Constitution Avenue, N W

Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board) Write to.

Administrative Review Board
U S Department of Labor
200 Constitution Avenue, N W
Washington, DC 20210

4) All decisions by the Administrative Review Board are final

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END OF GENERAL DECISION

CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS

AIA Document G706

OWNER ☐
ARCHITECT ☐
CONTRACTOR ☐
SURETY ☐
OTHER ☐

TO (Owner)

ARCHITECT'S PROJECT NO

CONTRACT FOR

CONTRACT DATE

PROJECT.
(name, address)

State of

County of.

The undersigned, pursuant to Article 9 of the General Conditions of the Contract for Construction, AIA Document A201, hereby certifies that, except as listed below, he has paid in full or has otherwise satisfied all obligations for all materials and equipment furnished, for all work, labor, and services performed, and for all known indebtedness and claims against the Contractor for damages arising in any manner in connection with the performance of the Contract referenced above for which the Owner or his property might in any way be held responsible

EXCEPTIONS (If none, write "None". If required by the Owner, the Contractor shall furnish bond satisfactory to the Owner for each exception.)

SUPPORTING DOCUMENTS ATTACHED HERETO

1 Consent of Surety to Final Payment Whenever Surety is involved, Consent of Surety is required AIA DOCUMENT G707, CONSENT OF SURETY, may be used for this purpose.
Indicate attachment (yes) (no)

The following supporting documents should be attached hereto if required by the Owner

1 Contractor's Release or Waiver of Liens, conditional upon receipt of final payment

2 Separate Releases or Waivers of Liens from Subcontractors and material and equipment suppliers, to the extent required by the Owner, accompanied by a list thereof

3 Contractor's Affidavit of Release of Liens (AIA DOCUMENT G706A)

CONTRACTOR

Address

BY

Subscribed and sworn to before me this

day of 19

Notary Public

My Commission Expires

CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS

AIA DOCUMENT G706A

OWNER ☐
ARCHITECT ☐
CONTRACTOR ☐
SURETY ☐
OTHER ☐

TO (Owner)

ARCHITECT'S PROJECT NO

CONTRACT FOR

CONTRACT DATE

PROJECT
(name, address)

State of
County of

The undersigned, pursuant to Article 9 of the General Conditions of the Contract for Construction, AIA Document A201, hereby certifies that to the best of his knowledge, information and belief, except as listed below, the Releases or Waivers of Lien attached hereto include the Contractor, all Subcontractors, all suppliers of materials and equipment, and all performers of Work, labor or services who have or may have liens against any property of the Owner arising in any manner out of the performance of the Contract referenced above

EXCEPTIONS (If none, write "None" If required by the Owner, the Contractor shall furnish bond satisfactory to the Owner for each exception)

SUPPORTING DOCUMENTS ATTACHED HERETO

1 Contractor's Release or Waiver of Liens, conditional upon receipt of final payment

2 Separate Releases or Waivers of Liens from Subcontractors and material and equipment suppliers, to the extent required by the Owner, accompanied by a list thereof

CONTRACTOR

Address

BY

Subscribed and sworn to before me this

day of 19

Notary Public

My Commission Expires

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CONSENT OF SURETY COMPANY TO FINAL PAYMENT

AIA DOCUMENT G707

OWNER ☐
ARCHITECT ☐
CONTRACTOR ☐
SURETY ☐
OTHER

PROJECT.
(name, address)

TO (Owner)

ARCHITECT'S PROJECT NO

CONTRACT FOR

CONTRACT DATE

CONTRACTOR.

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the (here insert name and address of Surety Company)

, SURETY COMPANY,

on bond of (here insert name and address of Contractor)

, CONTRACTOR,

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety Company of any of its obligations to (here insert name and address of Owner)

, OWNER,

as set forth in the said Surety Company's bond

IN WITNESS WHEREOF,
the Surety Company has hereunto set its hand this day of 19

Surety Company

Signature of Authorized Representative

Attest
(Seal)

Title

NOTE This form is to be used as a companion document to AIA DOCUMENT G706, CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS, Current Edition

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CONSENT OF SURETY TO REDUCTION IN OR PARTIAL RELEASE OF RETAINAGE

AIA DOCUMENT G707 A

OWNER ☐
ARCHITECT ☐
CONTRACTOR ☐
SURETY ☐
OTHER

PROJECT.
(name, address)

TO (Owner)

ARCHITECT'S PROJECT NO.

CONTRACT FOR

CONTRACT DATE

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, th
(here insert name and address of Surety as it appears in the bond)

, SURET'

on bond of (here insert name and address of Contractor as it appears in the bond)

, CONTRACTOF

hereby approves the reduction in or partial release of retainage to the Contractor as follows·

The Surety agrees that such reduction in or partial release of retainage to the Contractor shall not relieve the Sure
of any of its obligations to (here insert name and address of Owner)

, OWNE'

as set forth in the said Surety's bond

IN WITNESS WHEREOF,
the Surety has hereunto set its hand this day of 19

Surety

Signature of Authorized Representative

Attest
(Seal)

Title

SECTION IV

General Terms and Conditions

GENERAL TERMS AND CONDITIONS

1 COUNTY AS OWNER

The word "County" in this contract refers to the County of Galveston

2 CONTRACTOR

The word "Contractor" refers to the person or entity agreeing to perform the work in this contract

3 PROGRAM ADMINISTRATOR

The term "Program Administrator" refers to the person designated by County to act on its behalf in administering this contract

4 STATUS OF CONTRACTOR

The Contractor shall at all times be considered to be an independent contractor, and will not hold itself or its employees out to be employees or agents of the County of Galveston

The Contractor shall provide, at the Contractor's expense, competent, full-time supervision of the work while actually in progress

5 ASSIGNMENT AND SUBLETTING

The Contractor will retain full control over this contract and will not assign or subcontract said contract without the prior written consent of the County The Contractor further agrees that the subcontracting any portion or feature of the work shall not relieve the Contractor from its full obligations under this contract

6 EQUAL OPPORTUNITY

The Contractor and all Subcontractors shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, or national origin.

The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the policies of non-discrimination.

7 **CONTRACT**

This contract consists of the following documents, Invitation to Bid, Instructions to Bidders, Bid Proposal, Contract Award, Special Terms and Conditions (including specifications, drawings and addenda), General Terms and Conditions, and any other documents referenced herein or attached hereto for the work. Collectively these documents may also be referred to as the Plans and Specifications

8 **DISCREPANCIES AND OMISSIONS**

In the event of any discrepancy between the Plans and Specifications, or otherwise, or in the event of any doubt as to the meaning and intent of any portion of the Plans and Specifications, the Program Administrator shall define which is intended to apply to the work Such definition shall be final and binding on Contractor

9 **COLLATERAL CONTRACT**

The County reserves the rights to provide by separate contract or otherwise, in such manner as not to delay its programs or damage said Contractor, all labor and material essential to the completion of the work that is not included in this contract

10. **TIME**

The Contractor is advised that time for completion will consist of the number of calendar days set out in the Contract Award

The time for completion will begin to run on the day after the issuance of a notice to proceed by the Program Administrator The Contractor is required to start work no later than ten (10) working days after the issuance of the written notice to proceed Failure to timely commence operations may be deemed by the County to be a default The Contractor will complete the work at that site within the time period specified If there is more than one site listed on the notice to proceed, work for all sites must be completed not later than is specified for each site by the Program Administrator

11 **TIME AND ORDER OF COMPLETION**

The Contractor will commence work within ten (10) working days after the issuance of the notice to proceed and will substantially complete it within the time specified in the Contract Award

By the term "substantially completed" is meant that work shall be fully completed with the exception of minor miscellaneous work and adjustment

12. **EXTENSION OF TIME**

Should the Contractor be delayed in the completion of the work by an act or neglect of the County or Program Administrator, or by any employee of either, or by other Contractors employed by the County, or by changes ordered in the work, or by strikes, lockouts, fire, or unusual delays by common carriers, or unavoidable cause or causes beyond the Contractor's control or by any cause which the Program Administrator shall decide justifies the delay, then an extension of time shall be allowed for completing the work sufficient to compensate for the delay. The Contractor shall give the Program Administrator prompt notice in writing of the cause of such delay The amount of the extension will be determined by the Program Administrator

13. **LOSSES FROM NATURAL CAUSES**

All damage to the work from the action of the elements, or from any unforeseen circumstances in the prosecution of the work shall be repaired by the Contractor at his own cost

14 **KEEPING OF PLANS AND SPECIFICATIONS ACCESSIBLE**

The Contractor shall keep one (1) copy of all Plans and Specifications constantly accessible at the work site and available for inspection at all times

15 **PERFORMANCE OF WORK**

All work shall be performed and completed in a thorough, workmanlike manner and in accordance with the latest proven practices of the trade by thoroughly skilled and experienced workers

16 **STORAGE AND CLEANUP**

The County does not assume responsibility for any materials, tools, or equipment stored on or about the worksite The worksite shall be cleared of debris by the Contractor continuously through the progress of the work and also upon final completion of the work

17 **WORKING HOURS**

Contractor may perform work twenty four hours a day, seven days a week, unless otherwise restricted by the Special Conditions of this contract

18. **WORKSITE SECURITY**

Contractor shall maintain the security of the worksite and shall restrict access to the site to the following:

a) its employees,
b) employees of subcontractors,
c) representatives of manufacturers whose goods are utilized in the work and are called to the site by either the Contractor or the Program Administrator, and
d) agents and/or employees of the County.

Contractor shall provide adequate protection to persons on the worksite, adjacent properties, and utilities as is necessary to keep each free of damage or injury Contractor shall furnish all barricades, warning lights and other safety devices necessary for the safety and protection of the public and shall remove them upon completion of the work performed on those premises under the terms of this contract

Contractor will have complete control over the work site and shall be fully responsible for any loss of or damage to any County property from any cause and will reimburse County in the event of any loss or damage to County's property from any cause

Contractor shall take proper means to protect adjacent or adjoining properties which might be injured or seriously effected by construction undertaken under this Agreement from any damage or injury by reason of said process of construction Contractor shall be liable for any and all claims for such damage on account of its failure to fully protect all adjoining properties

19. **ALCOHOL/DRUG FREE WORKPLACE**

The County is committed to maintaining an alcohol and drug free workplace Possession, use or being under the influence of alcohol or controlled substances by the Contractor's employees while in the performance of this Contract is prohibited Violation of this requirement shall constitute grounds for immediate termination of the contract

20 **LABOR**

Contractor is encouraged to use local labor, but not at the expense of poor workmanship and higher cost

Contractor will not discriminate against any employee or applicant for employment because of race, religion, creed, color or national origin Contractor agrees to post in a conspicuous place a notice setting forth provisions of this non-discrimination

clause

In the event of Contractor's non-compliance with the non-discrimination clause of this contract, the contract entered into may be canceled in whole or in part.

21 **WAGE RATES**

This Contract is a Public Works Contract governed by V T C A, Government Code, Chapter 2258 That Act requires Contractor to pay workers not less than the general prevailing rate of per diem wages for work of a similar character in the locality in which the work is performed and not less than the general prevailing rate of per diem wages for legal holiday and overtime work.

Prevailing wage rates determined by the United States Department of Labor in accordance with the Davis-Bacon Act (40 U S C Section 276a et seq) are used in this contract and are incorporated and made a part hereof.

In the event other crafts or types of workers are required than are listed therein, such workers shall be paid at a rate not less than the prevailing rate for similar workers in the Galveston County area

Contractor acknowledges that

A) Pursuant to V T C A, Government Code §2258.022, a violation of the obligation to pay workers the prevailing wages shall result in Contractor paying the County the amount of $60 00 for each worker employed for each calendar day or part of the day that the worker is paid less than the wage rates stipulated in the Contract, and

B) Contractors and Subcontractors shall be required to keep a record showing the name and occupation of each worker employed by Contractor or Subcontractor in the construction of the work called for in the contract and the actual per diem wages paid to each worker The record shall be open at all reasonable hours to inspection by the officers and agents of the County

Contractor represents it has read this law and the penalties provided prior to entering into this agreement

22. **UTILITIES**

Contractor shall be responsible for any charges which may be made by any city or utility companies for the work to be performed by Contractor

23 **PARKING**

Contractor shall be responsible for the expense of parking the Contractor's vehicle(s) in a legal manner and at no expense or inconvenience to the County

24 **FIRE AND SAFETY**

Contractor is completely responsible for fire protection at the job site as well as the safety of its own employees as well as those entering onto the job site

25 **CONTRACTOR'S BUILDINGS**

The building of structures for housing men, or the erection of tents or other forms of protection will be permitted only at such places as the Program Administrator shall permit, and the sanitary conditions of the grounds in or about such structures shall at all times be maintained in the manner satisfactory to the Program Administrator

26 **INSURANCE**

Contractor shall obtain and pay for insurance set forth below prior to commencing work, and shall file with the Program Administrator certificates or copies of policies for approval and as proof of coverage

1) Workmen's Compensation
   a State Statutory
   b. Applicable - Statutory

2) Comprehensive General Liability (including Premises – Operations, Independent Contractor's Protective, Products and Completed Operations, Broad Form Property Damage)
   a Bodily Injury –
      $100,000 00 each person, each occurrence
      $300,000 00 Aggregate, each occurrence
   b Property Damage including loss of use –
      $100,000 00 Each occurrence
   c Products and Completed Operations to be maintained for 1 year after Final Payment
   d Property Damage Liability Insurance will provide X, C or U coverage as applicable

3) Contractual Liability
   a Bodily Injury
      $100,000 00 Each Person
      $300,000 00 Each occurrence
   b Property Damage
      $100,000 00 Each occurence

4) Personal injury, with Employment Exclusion deleted
      $100,000 00 Each occurence

5) Comprehensive Automobile Liability (including owned, non-owned and hired motor vehicles)·
   a Bodily Injury
      $100,000 00 Each Person
      $300,000 00 Each occurrence
   b Property Damage
      $100,000 00 Each occurrence

6) Builders Risk Insurance

The contractor shall furnish one copy of each Certificate of Insurance herein required with each signed copy of the Agreement and prior to commencement of the work The contractor shall furnish to the Owner copies of any endorsements that are subsequently issued amending coverage or limits Receipt of all required notices shall be evidenced by return receipt of registered or Certified letter The policies shall contain provision that coverages will not be cancelled until at least thirty days' prior written notice has been given to the County In the event of such notice of cancellation being given the contractor will provide substitute policies with the same provisions to county prior to the effective date of such cancellation

The above requirements do not establish limits of Contractor's liability

Contractor shall at all times during the term of this contract and any extensions thereof maintain such insurance coverage

Such insurance is to be provided at the sole cost of Contractor

All policies of insurance shall waive all rights of subrogation against County, its officers, employees and agents.

The County shall be named as "additional insured" on such policies as are specified above.

The County reserves the right to require additional insurance should it be deemed necessary

27 **SANITATION**

Necessary sanitary conveniences for the use of laborers at the worksite, properly secluded from the public observation, shall be constructed and maintained by Contractor in such manner at such points as shall be approved by the Program Administrator, and their use shall be strictly enforced

28 **DAILY CLEANUP**

Contractor shall confine to the work site all materials and refuse generated by Contractor's operations Materials which are stored on-site shall be stored in an orderly manner Materials or refuse from demolition and/or removal operations which become scattered in adjacent areas shall be collected and returned to the work site and satisfactorily removed Truck hauling materials must be covered to keep materials from littering streets

29 **FINAL GRADING**

If grading is required, when work is complete, Contractor shall grade the site to fill in holes and make a presentable appearance without disturbing trees and add fill dirt if needed. Contractor may not leave voids in the grading and compaction of the property The land shall have a smooth appearance without concrete, bricks, building materials, and other debris on the surface

30 **RIGHT OF ENTRY**

County reserves the right to enter the property or location at which the work is being conducted, by such agents as it may elect, for the purpose of inspecting the work, or for the purpose of constructing or installing such collateral work as County may desire, or for any other purpose deemed necessary by County

31 **INSPECTION**

County reserves the right to inspect the work done by Contractor at any time

The inspection may include examination of the material furnished and the work done under this agreement to ensure compliance with the plans and specifications

Contractor shall furnish all reasonable aid and assistance required by the inspector(s) for the proper inspection and examination of the work. The inspector(s) may make any order requiring remedy of deficient performance at any time Should Contractor object to any order by any inspector, Contractor may, within 24 hours, make written appeal to the Program Administrator for his decision, which decision shall be final and binding on Contractor

The approval or failure of an inspector to reject non complying work or materials shall not relieve Contractor of his obligation to perform the work in full compliance with the plans and specifications for the work

Contractor shall be responsible for the costs associated by the exposing and covering of any item of concealed work for which an inspection is performed.

32 **DEFECTS AND THEIR REMEDIES**

It is further agreed that if the work or any part thereof, or any material brought on the ground for use in the work or selected for the same, shall be deemed by the Program Administrator as unsuitable or not in conformity with the specifications Contractor shall, after receipt of written notice thereof from the Program Administrator, forthwith remove such material and rebuild or otherwise remedy such work so that it shall be in full accordance with this contract

33 **SUBSTANTIAL COMPLETION**

When the Contractor determines that the work is substantially complete, he shall advise the Program Administrator of such and schedule a time for the Program Administrator to inspect the work Contractor shall have all systems fully functional and operational for the inspection of the Program Administrator All phases of the work will be examined by the Program Administrator, who will note any deficiencies in the work and notify Contractor of the same

The Program Administrator may acknowledge that the project is substantially complete if the work has been completed to the point where the work can be utilized for the general purpose for which it was undertaken; however, if the project is found not to be substantially complete, the Program Administrator will so advise the contractor

34 **FINAL COMPLETION AND ACCEPTANCE**

Within ten (10) days after Contractor has given the Program Administrator written notice that the work has been completed, or substantially completed, the Program Administrator shall inspect the work and, within said time, if the work be found to be completed or substantially completed in accordance with the plans and specifications, the Program Administrator shall issue a substantial completion certificate

Should such inspection reveal deficiencies on the work, the Program Administrator will deliver a list of deficiencies to Contractor for immediate repair No final payment will be made until all deficiencies have been remedied

35 **PARAGRAPH 35 HAS BEEN DELETED**

36 **PROGRESS PAYMENTS AND RETAINAGE**

If this contract provides for the making of progress payments, Contractor shall make application to County for payment utilizing forms provided by County for that purpose Contractor shall state the percentage or the limits of the work performed and request payment for the amount of acceptable work performed Applications for payment shall be made monthly by Contractor

The County shall then pay the Contractor on or before 45 days thereafter, the total amount of the request, less 5% of the amount thereof, which 5% shall be retained until final payments, and further less all previous payments, and further less all further sums that may be retained by the County under the terms of this agreement

Upon the attainment of substantial completion, payment will be made so that the sum of all payments made under the contact equals Ninety Five Percent (95%) of the total contract amount

37 **ESTIMATED QUANTITIES**

This Contract, including the specifications, plans and estimates, is intended to show clearly all the work to be done and material to be furnished hereunder The estimated quantities of the various classes of work to be done and material to be furnished under this contract are approximate and are to be used as a basis for estimating the probable cost of the work and for comparing the proposals offered for the work It is understood and agreed that the actual amount of work to be done and material to be furnished under this contract may differ somewhat from these estimates, and that the basis for payment under this contract shall be the plan quantity or actual amount of such work done whichever is specified It is further understood that the County does not guarantee any minimum amount of work under this Contract

Contractor agrees that it will make no claim for damages, anticipated profits or otherwise on account of any differences which may be found between the quantities of work actually done, the material actually furnished under this Contract and the estimated quantities contemplated and contained in the proposals

38 **CHANGES AND ALTERATIONS**

Contractor further agrees that Program Administrator may make such changes and alterations as County may see fit, in the line, grade, form dimensions, plans or materials for the work herein contemplated, or any part thereof, either before or after the beginning of the contract construction, without affecting the validity of this Contract and the accompanying bonds

If such changes or alterations diminish the quantity of the work to be done, they shall not constitute the basis for a claim for damages, or anticipated profits on the work that may be dispensed with If they increase the amount of the work, and the increased work can fairly be classified under the specifications, such increase shall be paid for according to the quantity actually done and at the unit price established for such work under this contract, otherwise such additional work shall be paid for as provided under the paragraph entitled "EXTRA WORK" In case Program Administrator shall make such changes or alterations as shall make useless any work already done or

material already furnished or used in said work, then County shall recompense Contractor for any material or labor so used, and for any actual loss occasioned by such change due to actual expenses incurred in preparation for the work as originally planned

39 **EXTRA WORK**

The term "Extra Work" as used in this contract shall be understood to mean and include all work that may be required by the Program Administrator to be done by Contractor to accomplish any change, alteration or addition to the work shown in the plans and specifications

It is agreed that Contractor shall perform all Extra Work under the direction of the Program Administrator when presented with a Written Work Order signed by the Program Administrator· subject, however, to the right of Contractor to require a written confirmation of such Extra Work Order by the County Commissioners' Court It is also agreed that the compensation to be paid Contractor for performing said Extra Work shall be determined by one or more of the following methods

Method (a) - By agreed unit prices, or
Method (b) - By agreed lump sum or
Method (c) - If Neither Method (a) nor Method (b) can be agreed upon before the Extra Work is commenced, then Contractor shall be paid the "Actual field cost" of the work plus fifteen (15) percent

In the event said Extra Work be performed and paid for under Method (c), then the provisions of this paragraph shall apply and the "actual field cost" is hereby defined to include the cost of all workmen, such as foremen, timekeepers, merchants, and laborers, and materials, supplies, teams, trucks, rentals on machinery and equipment for time actually employed or used on such Extra Work plus actual transportation charges necessarily incurred, if the kind of equipment or machinery is not already on the job, together with all power, fuel, lubricants, water and similar operating expenses, also all necessary incidental expenses incurred directly on account of such Extra Work including Social Security, Old Age Benefits and other payroll taxes, and a ratable proportion of premiums on Construction and Maintenance Bonds, Public Liability and Property Damage and Workmen's Compensation, and all other insurance as may be required by any law or ordinance, or directed by the Program Administrator or by him agreed The Program Administrator may direct the form in which accounts of the "actual field cost" shall be kept and may also specify in writing, before the work commences, the method of doing the work and the type and kind of machinery and equipment to be used, otherwise these matters shall be determined by Contractor Unless otherwise agreed upon, the prices for the use of machinery and equipment shall be determined by using the one hundred (100) percent of the actual hourly or daily rate (for the time used plus time in moving to and from Job) of the latest schedule of Equipment Ownership Expense adopted by the Association General Contractors of America Where practicable the terms and prices for the use of Machinery and Equipment shall be incorporated in the Written Extra Work Order The fifteen (15) percent of the "Actual Field Cost" to be paid Contractor shall

cover and compensate him for his profit, overhead, general superintendence and field office expense, and all other elements of cost and expense not embraced within the 'actual field cost" as herein defined, save that where the Contractor's Camp or Field Office must be maintained primarily on account of such extra work, then the cost to maintain and operate same shall be included in the "actual field cost"

No claim for extra work of any kind will be allowed unless ordered in writing by the Program Administrator In case any orders or instructions, either oral or written appear to Contractor to involve extra work for which he should receive compensation, it shall make written request to the Program Administrator for written order authorizing Extra Work. Should a difference of opinion arise as to what does or does not constitute extra work, or as to the payment therefor, and the Program Administrator insists upon its performance, Contractor shall proceed with the work after making written order and shall keep an accurate account of the "actual field cost" thereof, as provided under Method (c) and by this action Contractor will thereby preserve the right to submit the matter of payment to litigation

40 **FINAL PAYMENT**

Upon the issuance of the approval for payment, the Program Administrator shall certify same to County, who shall pay to Contractor the balance due Contractor under the terms of this agreement, provided it has fully performed its contractual obligations under the terms of this contract, and has provided County with a release of liens from all materialmen, suppliers and subcontractors utilized in the work

41 **HINDRANCES AND DELAYS**

No charge shall be made by Contractor for hindrances or delays from any cause (except when work is stopped by order of the County) during the progress of any portion of the work embraced in this contract In case said work shall be stopped by the act of Program Administrator then such expense as in the judgment of the Program Administrator is caused by stopping of said work shall be paid by County to Contractor

42 **TIME OF FILING CLAIMS**

It is further agreed by both parties hereto that all questions of dispute or adjustment presented by Contractor shall be in writing and filed with the Program Administrator within a reasonable time after the Program Administrator has given any directions, order, or instruction to which Contractor desires to take exception The Program Administrator shall reply to such written exceptions by Contractor and render his final decision in writing

43 **LIQUIDATED DAMAGES FOR DELAY**

Contractor agrees that time is of the essence of this contract and that for each day of a delay of a day beyond the number of working days or calendar days herein agreed upon the completion of the work herein specified and contracted for (after due allowance for such extension of time as is provided for under Extension of Time hereinabove) County may withhold permanently from Contractor's total compensation the sum specified in the special conditions as liquidated damages for such delay

44. **ABANDONMENT BY CONTRACTOR**

Should Contractor fail to start or resume work within ten (10) days after written notification from the Program Administrator or if Contractor fails to comply with a change order or instruction of the Program Administrator, Contractor shall be declared to be in default and the Surety on the bonds shall be notified in writing and directed to complete the work, and a copy of said notice shall be delivered to Contractor

In case the Surety should fail to commence compliance with the notice for completion hereinbefore provided for within ten (10) days after services of such notice, or in the event there is no Surety, then County may provide for completion of the work in any manner it deems appropriate

45 **TERMINATION**

County may terminate this Contract

i immediately by giving written notice, if Contractor breaches its obligation under the Contract; or
ii with or without cause, after giving 30 days written notice of termination to Contractor

In the event this Contract is terminated Contractor will be paid for work satisfactorily completed The amount of such payment will be determined by the Program Administrator

46 **SALVAGE**

Any materials, equipment and fixtures specifically ordered to be salvaged under these specifications shall remain the property of County and will be delivered to the site designated by the Program Administrator All other items shall be disposed of by Contractor in compliance with all applicable laws and regulations

47 **COMPLIANCE WITH CODES**

Contractor shall comply with all city, county, and state codes, laws, and ordinances in force at the time of award of contract and applicable to such work Contractor shall obtain, at Contractor's own expense such permits, certificates, and licenses as may be required in the performance of the specified work

48 **INDEMNITY**

Contractor shall defend, indemnify, and save whole and harmless Galveston County, and it officers, agents, and employees from and against all claims and suits of whatever character, arising from the performance of this contract

49 **PROTECTION AGAINST CLAIMS OF SUBCONTRACTORS, LABORERS, MATERIALMEN AND FURNISHERS OF MACHINERY EQUIPMENT AND SUPPLIES**

Contractor agrees to indemnify and hold County harmless from all claims of subcontractors, laborers, workmen, mechanics, materialmen and furnishers of equipment, and all supplies incurred in the performance of this contract Contractor shall furnish satisfactory evidence that all obligations of the nature hereinabove designated have been paid, discharged or waived If Contractor fails to do so, then County reserves the right to pay unpaid bills of which County has written notice direct and withhold from Contractor's unpaid compensation a sum of money reasonably sufficient to liquidate any and all such lawful claims

50 **PROTECTION AGAINST ROYALTIES, PATENTED INVENTIONS OR PROCESS, OR PATENT INFRINGEMENT**

Contractor shall, at its own expense, settle or defend any claim, suit or action brought against County and shall protect and save harmless County from all and every demand for damages, royalties or fees for any patented invention or process used by it in connection with the work done, process used or material furnished under this Contract, and shall pay any final judgement for damages, attorneys fees and costs which may be awarded against County

51 **LAWS AND ORDINANCES**

Contractor shall at all times observe and comply with all Federal, State and Local Laws, ordinances and regulations which in any manner effect the contract or the work, and shall indemnify and save harmless the County against any claim arising from the violation of any such laws and ordinances, whether by Contractor or its employees

52 **WARRANTY**

Contractor and/or its Surety will be required by County to repair, replace, restore, and/or to make such corrections as are required of it to comply strictly in all things with this contract and the Plans and Specifications and any and all of said work and/or materials, which, within a period of one year from and after the date of the passing, approval, and/or acceptance of any such work or materials, are found to be defective or to fail in any way to comply with this contract or with the Plans and Specifications.

53 **PERMITS AND LICENSES**

Contractor shall be responsible for obtaining and furnishing all necessary permits and licenses, City, County, State or Federal as are required for the performance of this contract.

54 **NOTICE**

Any notice required or permitted between the parties under this contract must be in writing and shall be delivered in person or mailed, certified mail, return receipt requested, or may be transmitted by fax as follows
to County at

Hon Mark Henry, County Judge
Galveston County Courthouse, 2nd floor
Galveston, TX 77550
Fax (409) 765-2653

and to Contractor at the address listed in Contractor's Bid Proposal

55 **FORCE MAJEURE**

If the performance by County of any of its obligations under this contract is delayed by any occurrence not of its own conduct, whether an act of God or the common enemy or the result of war, riot, civil commotion, sovereign conduct, or the act or conduct of any person not a party or privy to this contract, the County is excused from its performance for a period of time as is reasonably necessary after the occurrence to remedy the effects of the occurrence.

56 **APPLICABLE LAWS**

Contractor acknowledges that County is a governmental entity and this Agreement is an open record under the Open Records Act and will be discussed and voted upon in a public meeting

57 **ENTIRETY OF AGREEMENT AND MODIFICATION**

This contract contains the entire agreement between the parties. A prior agreement, promise, negotiation or representation not expressly set forth in this contract has no force or effect A subsequent modification to this contract must be in writing, signed by both parties

An official representative, employee, or agent of the County does not have authority to modify or amend this contract except pursuant to specific authority to do so granted by the Commissioners' Court.

58 **SEVERABILITY; CONFORMITY WITH LEGAL LIMITATIONS**

If a provision contained in this contract is held invalid for any reason, the invalidity does not affect other provisions of the contract that can be given effect without the invalid provision, and to this end the provisions of this contract are severable

59 **GOVERNING LAW; VENUE**

This contract shall be governed by the laws of the State of Texas Venue for an action arising under this contract shall be exclusively in Galveston County

60 **LINES AND GRADES**

The Engineer will furnish points for horizontal and vertical control Any additional stakes required by the Contractor shall be set at his expense Whenever necessary, work shall be suspended to permit this work, but such suspension will be as brief as practicable and the Contractor shall be allowed no extra compensation therefor The Contractor shall give the Engineer ample notice of the time and place where control lines and bench marks will be needed All control stakes, marks, etc shall be carefully preserved by the Contractor, and in case of careless destruction or removal by him or his employees, such control stakes, marks, etc shall be replaced by the Engineer at the Contractor's expense

SECTION V
SPECIFICATIONS

PROJECT. TEXAS CITY6TH STREET
RECONSTRUCTION
COUNTY GALVESTON

"The Enclosed Texas Department of Transportation specifications, special provisions, special specifications, general notes and specification data in this document have been selected by me or prepared under my responsible supervision as being applicable to this project "

STATE OF TEXAS
GREGORY R. LUSHBAUGH
90211
LICENSED
PROFESSIONAL ENGINEER

4-8-2011

Gregory R Lushbaugh, P.E
Brown & Gay Engineers, Inc.
TBPE Firm Registration No F-1046

Date

NOTICE OF SPECIFICATIONS

For the construction of the project, the Contractor shall use the Texas Department of Transportation (TxDOT) 2004 Standard Specifications Book The current TxDOT specifications may be found at the TxDOT website http //www dot state tx us/business/specifications htm All of the current TxDOT specifications are adopted for this project and are recited on the following section.

When applicable, the Contractor shall use the Galveston County Engineering Department's subdivision rules and regulations - RULES, REGULATIONS AND REQUIREMENTS RELATING TO THE APPROVAL AND ACCEPTANCE OF IMPROVEMENTS IN SUBDIVISIONS OR RE-SUBDIVISIONS, dated March 3, 1997, with revisions through October 3, 2005. The current rules and regulations may be found at the Galveston County website http //www.co galveston tx.us/Engineers/subdivision_regulations htm.

When applicable, the Contractor shall also use the Special Provisions listed after the TxDOT specifications in the following section

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

All Specifications and Special Provisions applicable to this Project are identified as follows

STANDARD SPECIFICATIONS

Adopted by the Texas Department of Transportation June 1, 2004 Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges" are incorporated into the Contract by reference and a copy may be purchased from TxDOT office at 7760 Washington Avenue, Houston, TX 77007 (713-802-5000), or may be found at the TxDOT website
http //www dot state tx us/business/specifications htm

100 ITEMS – Earth Work and Landscape

Item 100	Preparing Right of Way
Item 103	Disposal of Wells
Item 104	Removing Concrete
Item 105	Removing Stabilized Base and Asphalt Pavement
Item 106	Obliterating Abandoned Road
Item 110	Excavation
Item 112	Subgrade Widening
Item 132	Embankment
Item 134	Backfilling Pavement Edges
Item 150	Blading
Item 152	Road Grader Work
Item 154	Scraper Work
Item 156	Bulldozer Work
Item 158	Specialized Excavation Work
Item 160	Topsoil
Item 161	Compost
Item 162	Sodding for Erosion Control
Item 164	Seeding for Erosion Control
Item 166	Fertilizer
Item 168	Vegetative Watering
Item 169	Soil Retention Blankets
Item 170	Irrigation System
Item 180	Wildflower Seeding
Item 192	Landscape Planting
Item 193	Landscape Establishment

200 ITEMS – Subgrade Treatments and Base

Item 204	Sprinking
Item 210	Rolling
Item 216	Proof Rolling
Item 247	Flexible Base
Item 251	Reworking Base Courses
Item 260	Lime Treatment (Road-Mixed)
Item 263	Lime Treatment (Plant-Mixed)
Item 265	Fly Ash or Lime—Fly Ash Treatment (Road-Mixed)
Item 275	Cement Treatment (Road-Mixed
Item 276	Cement Treatment (Plant-Mixed)

Item 292 Asphalt Treatment (Plant-Mixed)

300 ITEMS – Surface Courses and Pavement

Item 300 Asphalts, Oils, and Emulsions
Item 301 Asphalt Antistripping Agents
Item 302 Aggregates for Surface Treatments
Item 305 Salvaging, Hauling, and Stockpiling Reclaimable Asphalt Pavement
Item 310 Prime Coat
Item 314 Emulsified Asphalt Treatment
Item 315 Fog Seal
Item 316 Surface Treatments
Item 318 Hot Asphalt-Rubber Surface Treatments
Item 320 Equipment for Asphalt Concrete Pavement
Item 330 Limestone Rock Asphalt Pavement
Item 334 Hot-Mix Cold-Laid Asphalt Concrete Pavement
Item 340 Dense-Graded Hot-Mix Asphalt (Method)
Item 341 Dense-Graded Hot-Mix Asphalt (QC/QA)
Item 342 Permeable Friction Course (PFC)
Item 344 Performance-Designed Mixtures
Item 346 Stone-Matrix Asphalt
Item 350 Microsurfacing
Item 351 Flexible Pavement Structure Repair
Item 354 Planing and Texturing Pavement
Item 356 Fabric Underseal
Item 358 Asphalt Concrete Surface Rehabilitation
Item 360 Concrete Pavement
Item 361 Full-Depth Repair of Concrete Pavement
Item 368 Concrete Pavement Terminals

400 ITEMS – Structures

Item 400 Excavation and Backfill for Structures
Item 401 Flowable Backfill
Item 402 Trench Excavation Protection
Item 403 Temporary Special Shoring
Item 404 Driving Piling
Item 405 Foundation Test Load
Item 406 Timber Piling
Item 407 Steel Piling
Item 409 Prestressed Concrete Piling
Item 416 Drilled Shaft Foundations
Item 420 Concrete Structures
Item 421 Hydraulic Cement Concrete
Item 422 Reinforced Concrete Slab
Item 423 Retaining Walls
Item 424 Precast Concrete Structures (Fabrication)
Item 425 Precast Prestressed Concrete Structural Members
Item 426 Prestressing
Item 427 Surface Finishes for Concrete
Item 428 Concrete Surface Treatment
Item 429 Concrete Structure Repair

Item 430 Extending Concrete Structures
Item 431 Pneumatically Placed Concrete
Item 432 Riprap
Item 434 Elastomeric Bridge Bearings
Item 438 Cleaning and Sealing Joints and Cracks (Rigid Pavement and Bridge Decks)
Item 439 Concrete Bridge Deck Overlays
Item 440 Reinforcing Steel
Item 441 Steel Structures
Item 442 Metal for Structures
Item 445 Galvanizing
Item 446 Cleaning and Painting Steel
Item 447 Structural Bolting
Item 448 Structural Field Welding
Item 449 Anchor Bolts
Item 450 Railing
Item 452 Removing Railing
Item 453 Temporary Railing
Item 454 Bridge Expansion Joints
Item 458 Waterproofing Membranes for Structures
Item 459 Gabions and Gabion Mattresses
Item 460 Corrugated Metal Pipe
Item 461 Structural Plate Structures
Item 462 Concrete Box Culverts and Storm Drains
Item 464 Reinforced Concrete Pipe
Item 465 Manholes and Inlets
Item 466 Headwalls and Wingwalls
Item 467 Safety End Treatment
Item 471 Frames, Grates, Rings, and Covers
Item 472 Removing and Re-Laying Culvert and Storm Drain Pipe
Item 473 Laying Culvert and Storm Drain Pipe
Item 474 Slotted Drain
Item 476 Jacking, Boring, or Tunneling Pipe or Box
Item 479 Adjusting Manholes and Inlets
Item 480 Cleaning Existing Culverts
Item 481 PVC Pipe for Drains
Item 483 Scarifying Concrete Bridge Slab
Item 490 Timber Structures
Item 491 Timber for Structures
Item 492 Timber Preservative and Treatment
Item 495 Raising Existing Structures
Item 496 Removing Structures
Item 497 Sale of Salvageable Material
Item 499 Adjusting Steel Shoes

500 ITEMS – Miscellaneous Construction

Item 500 Mobilization
Item 502 Barricades, Signs, and Traffic Handling
Item 504 Field Office and Laboratory
Item 506 Temporary Erosion, Sedimentation, and Environmental Controls
Item 508 Constructing Detours

Item 510 One-Way Traffic Control
Item 512 Portable Concrete Traffic Barrier
Item 514 Permanent Concrete Traffic Barrier
Item 520 Weighing and Measuring Equipment
Item 528 Colored Textured Concrete and Landscape Pavers
Item 529 Concrete Curb, Gutter, and Combined Curb and Gutter
Item 530 Intersections, Driveways, and Turnouts
Item 531 Sidewalks
Item 533 Shoulder Texturing
Item 536 Concrete Medians and Directional Islands
Item 538 Right of Way Markers
Item 540 Metal Beam Guard Fence
Item 542 Removing Metal Beam Guard Fence
Item 544 Guardrail End Treatments
Item 545 Crash Cushion Attenuators
Item 550 Chain Link Fence
Item 552 Wire Fence
Item 556 Pipe Underdrains
Item 560 Mailbox Assemblies
Item 585 Ride Quality for Pavement Surfaces

600 ITEMS – Lighting, Signing, Markings, and Signals

Item 610 Roadway Illumination Assemblies
Item 613 High Mast Illumination Poles
Item 614 High Mast Illumination Assemblies
Item 616 Performance Testing of Lighting Systems
Item 617 Temporary Roadway Illumination
Item 618 Conduit
Item 620 Electrical Conductors
Item 621 Tray Cable
Item 622 Duct Cable
Item 624 Ground Boxes
Item 625 Zinc-Coated Steel Wire Strand
Item 627 Treated Timber Poles
Item 628 Electrical Services
Item 634 Plywood Signs
Item 636 Aluminum Signs
Item 643 Sign Identification Decals
Item 644 Small Roadside Sign Supports and Assemblies
Item 647 Large Roadside Sign Supports and Assemblies
Item 650 Overhead Sign Supports
Item 652 Highway Sign Lighting Fixtures
Item 654 Sign Walkways
Item 656 Foundations for Traffic Control Devices
Item 658 Delineator and Object Marker Assemblies
Item 662 Work Zone Pavement Markings
Item 666 Reflectorized Pavement Markings
Item 668 Prefabricated Pavement Markings
Item 672 Raised Pavement Markers
Item 677 Eliminating Existing Pavement Markings and Markers

Item 678 Pavement Surface Preparation for Markings
Item 680 Installation of Highway Traffic Signals
Item 681 Temporary Traffic Signals
Item 682 Vehicle and Pedestrian Signal Heads
Item 684 Traffic Signal Cables
Item 685 Roadside Flashing Beacon Assemblies
Item 686 Traffic Signal Pole Assemblies (Steel)
Item 687 Pedestal Pole Assemblies
Item 688 Pedestrian Detectors and Vehicle Loop Detectors
Item 690 Maintenance of Traffic Signals

700 ITEMS – Maintenance

Item 700 Pothole Repair
Item 712 Cleaning and Sealing Joints and Cracks (Asphalt Concrete)
Item 720 Repair of Spalling in Concrete Pavement
Item 730 Roadside Mowing
Item 734 Litter Removal
Item 735 Debris Removal
Item 738 Cleaning and Sweeping Highways
Item 740 Graffiti Removal and Anti-Graffiti Coating
Item 745 Picnic and Rest Area Maintenance
Item 751 Landscape Maintenance
Item 752 Tree and Brush Removal
Item 760 Cleaning and Reshaping Ditches
Item 764 Pump Station and Drainage System Cleaning
Item 770 Guard Fence Repair
Item 772 Post and Cable Fence
Item 774 Attenuator Repair
Item 776 Metal Rail Repair
Item 780 Epoxy Injection
Item 784 Repairing Steel Bridge Members
Item 788 Concrete Beam Repair

SPECIAL PROVISIONS TO TxDOT SPECIFICATIONS

Special Provisions will govern and take precedence over the Specifications enumerated hereon wherever in conflict therewith All Special Provisions are included herein

Special Provision to Item 1 – Definition of Terms
Special Provision to Item 2 – Instructions to Bidders
Special Provision to Item 3 – Award and Execution of Contract
Special Provision to Item 4 – Scope of Work
Special Provision to Item 5 – Control of the Work
Special Provision to Item 6 – Control of Materials
Special Provision to Item 7 – Legal Relations and Responsibilities
Special Provision to Item 8 – Prosecution and Progress
Special Provision to Item 9 – Measurement and Payment
Special Provision to Item 100 – Preparing Right of Way
Special Provision to Item 166 – Fertilizer
Special Provision to Item 260 – Lime Treatment (Road-Mixed)
Special Provision to Item 360 – Concrete Pavement
Special Provision to Item 500 – Mobilization
Special Provision to Item 502 – Barricades, Signs, and Traffic Handling
Special Provision to Item 506 – Temporary Erosion, Sedimentation, and Environmental Controls
Special Provision to Item 620 – Electrical Conductors
Special Provision to Item 624 – Ground Boxes
Special Provision to Item 628 – Electrical Services
Special Provision to Item 636 – Aluminum Signs
Special Provision to Item 687 – Pedestal Pole Assemblies

SPECIAL SPECIFICATIONS

All Special Specifications are included herein

01000 Special Provisions to Special Specifications
01025 Measurement and Payment for Water Line Construction
01292 Schedule of Values
01326 Construction Schedule (Bar Chart)
01330 Submittal Procedures
01340 Shop Drawings, Product Data & Samples
01410 Testing Laboratory Services
01450 Contractor's Quality Control
01526 Trench Safety Systems
01610 Basic Product Requirements
01630 Product Substitution Procedures
01770 Closeout Procedures
01785 Project Record Documents
02105 Soil Management Plan – Potentially Contaminated Soil/Water Management
02227 Excavation and Backfill for Utilities
02229 Utility Backfill Materials

02252 Cement Stabilized Sand
02571 Pavement Repair for Utilities
02603 Frames, Grates, Rings and Covers
02604 Valve Boxes. Meter Boxes, and Meter Vaults
02607 Adjusting Manholes, Inlets, and Valve Boxes to Grades
02610 Ductile Iron Pipe and Fittings
02611 Steel Pipe and Fittings
02620 PVC Pipe
02626 Tapping Sleeves and Valves
02627 Water Meters
02628 Augering Pipe for Water Lines
02629 Polyurethane Coatings on Steel or Ductile Iron Pipe
02630 Polyethylene Wrap
02640 Gate Valves
02645 Fire Hydrant Assembly
02664 Water Mains
02665 Residential Water Service Connections and/or Reconnections
02667 Wet Connections
02669 Cut, Plug and Abandonment of Mains
02675 Disinfection of Waterlines
02676 Hydrostatic Testing of Pipelines

GENERAL NOTES AND SPECIFICATION DATA

1 The Contractor shall carefully examine the drawings and specifications, visit the site of this work, and check the proposed locations of all the work The Contractor shall inform himself, in detail, as to all existing conditions, limitations, available clearances, and shall thoroughly check all facilities, which are to be removed and/or relocated.

2 Where a material or product is referred to on the drawings or specifications by a manufacturer's brand or trade name, it is for the purpose of establishing a standard or quantity Similar materials or products of equal quality (meeting design requirements) from other manufacturers will be given due consideration provided they are submitted to and approved by the Engineer as per the provisions of the general conditions

3 An effort to determine all the pipelines and utilities which may impact the project has been made All known pipelines and utilities have been approximately located and shown on the plans The Contractor shall notify all utility and pipeline owners before beginning the work Additional unknown utilities or pipelines may be found Adjustments of these utilities or pipelines shall be done by others at no expense to the Contractor. However, the Contractor shall cooperate and coordinate his work with the adjustment The Contractor will anticipate this in making his bid. Claims for damages or delays for these adjustments and/or additional time should they be necessary will be considered for the contract period This action, however, shall in no way be interpreted as relieving the Contractor of his responsibilities under the terms of the contract as set out in the plans and specifications The Contractor shall repair any damage to the County's facilities caused by his operations at the Contractor's expense and shall restore facilities to service in a timely manner

4 The drawings and specifications are correlative and have equal authority and priority. Should they disagree in themselves, or with each other, base the bids on the most expensive combination of quality and quantity of the work indicated The Engineer will clarify the project requirements in the event of the above mentioned disagreement

5 The Contractor shall be responsible for obtaining and furnishing all permits and licenses, city, county, state or federal as are required for the performance of this contract

6 All items of work under this contract not specifically called for in the proposal as pay items shall be considered incidental, and no separate payment shall be made for same

7 Mixing of materials, storing of materials, storing of equipment or repairing of equipment on top of pavement or bridge decks will not be permitted unless specifically authorized by the Engineer Permission will be granted to store materials on subject surfaces if no damage or discoloration will result

8. All disturbed areas shall be sodded and fertilized as per specifications A mowable stand of grass shall be established Re-sodding and fertilization shall be considered incidental

9. All removed, demolished, obliterated, excess and waste materials shall become the property of the Contractor and shall be considered subsidiary to the various bid items, and no separate payment shall be made for same

SPECIAL PROVISION TO ITEM 1

"DEFINITION OF TERMS"

For this project, Item 1 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby

THE TERM "DEPARTMENT," "STATE," "STATE HIGHWAY DEPARTMENT OF TEXAS", "TxDOT", "TEXAS DEPARTMENT OF TRANSPORTATION", STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION," "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION COMMISSION," "COMMISSION," AND "STATE HIGHWAY COMMISSION," SHALL, IN THE USE OF THE STANDARD SPECIFICATIONS FOR ALL WORK IN CONNECTION WITH THIS PROJECT, BE DEEMED TO MEAN GALVESTON COUNTY, PARTY OF THE FIRST PART IN ACCOMPANYING CONTRACT OR CONTRACTS ANY REFERENCE IN THE TEXAS STANDARD SPECIFICATIONS TO THE STATE OF TEXAS, ITS OFFICIALS, EMPLOYEES, OR AGENTS SHALL BE DEEMED TO MEAN GALVESTON COUNTY, ITS OFFICIALS, EMPLOYEES, OR AGENTS

Articles 1.26, "Certificate of Insurance" , 1 28, "Commission", 1 47, "Department", 1.70 "Letting Offical " and 1 124 "State" are deleted

Article 1 53, "ENGINEER", is revised to read in its entirety as follows·

1.53 ENGINEER Galveston County Engineer or his authorized representatives If a representative is authorized to function as the ENGINEER'S representative with respect to certain of the ENGINEER'S activities, that representative's responsibilities and obligations shall be limited as provided in Article 1 148

Article 1 64, "INSPECTOR," is revised to read in its entirety as follows·

1 64 INSPECTOR The representative of the ENGINEER assigned and authorized to observe or inspect any or all parts of the work and the material to be used therein A representative is authorized to function as the ENGINEER'S representative with respect to certain of the activities, and that representative's responsibilities and obligations shall be limited as provided in Article 1.148.

100

Special Provisions to Item 1

"DEFINITION OF TERMS"

ADDITIONAL ARTICLES ARE ADDED AS FOLLOWS.

1.148 CONSULTING ENGINEER Independent engineering firms contracting with Galveston County for the providing of professional engineering services The engineering firms are the representatives of Galveston County only to the extent provided in the Contract documents and in such special instances where they are specifically authorized by Galveston County so to act All powers and rights assigned by Galveston County to the engineering firms with respect to the work are solely and exclusively for the benefit of Galveston County -- and not for the CONTRACTOR. In carrying out of its powers and rights assigned by Galveston County the engineering firms shall function as a representative of Galveston County and shall act by and for Galveston County. Irrespective of what authority may be assigned by Galveston County to the engineering firms, CONTRACTOR remains fully and solely responsible and liable for its obligations to perform the work in accordance with the requirements of the plans and specifications; to insure against failures in safety precautions, to carry out his work pursuant to safe methods of construction, to select and fulfill the proper manner, means, and methods in performing the work in order to meet the plans and specifications, and to complete the work in accordance with the contract documents.

SPECIAL PROVISION TO ITEM 2

INSTRUCTIONS TO BIDDERS

For this project, Item 2 of the Texas Standard Specifications is hereby deleted in it's entirety

The Instructions To Bidders is included elsewhere in the Contract Documents

104

SPECIAL PROVISION TO ITEM 3

AWARD AND EXECUTION OF CONTRACT

For this project, Item 3 of the Texas Standard Specifications is hereby deleted in it's entirety

The Award and Execution of Contract is included elsewhere in the Contract Documents.

SPECIAL PROVISION TO ITEM 4

SCOPE OF WORK

For this project, Item 4 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby

ARTICLE 4.2 "CHANGES IN WORK," ARTICLE 4 3 "DIFFERING SITE CONDITIONS" and ARTICLE 4.4 "REQUESTS AND CLAIMS FOR ADDITIONAL COMPENSATION" are deleted in their entirety and replaced by Article 38 "CHANGES and ALTERATIONS" and ARTICLE 39 "EXTRA WORK" of Section IV, "General Terms and Conditions"

SPECIAL PROVISION TO ITEM 5

CONTROL OF THE WORK

For this project, Item 5 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby

ARTICLE 5 2 "PLANS AND WORKING DRAWINGS " The first sentence of the first paragraph is hereby revised to read as follows

When required, the Contractor shall provide working drawings to supplement the plans with all necessary details not included on the Contract plans

ARTICLE 5 5 "COOPERATION OF CONTRACTOR " The last sentence of the first paragraph is hereby revised to read as follows

The Contractor will be supplied with three (3) copies of the plans, specifications and special provisions and he shall have one (1) copy of each available on the project at all times

ARTICLE 5 6 "CONSTRUCTION SURVEYING," is hereby deleted in its entirety

ARTICLE 5.7 "INSPECTION " The sixth sentence of the second paragraph is hereby revised to read as follows

If the uncovered work is acceptable, the costs to uncover, remove and replace or make good the parts removed will be paid for in accordance with Article 38 "Changes And Alterations" of Section IV, "General Terms And Conditions"

ARTICLE 5.8 "FINAL ACCEPTANCE," is hereby deleted in its entirety It is replaced by Article 34. "Final Completion And Acceptance" of Section IV, "General Terms And Conditions"

SPECIAL PROVISION TO ITEM 6

CONTROL OF MATERIALS

For this project, Item 6 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby

ARTICLE 6.1 "SOURCE CONTROL." Paragraph A. "Buy America" and B. "Buy Texas" are hereby deleted in their entirety.

ARTICLE 6 7 "Department-furnished Material" is hereby deleted in it's entirety

SPECIAL PROVISION TO ITEM 7

LEGAL RELATIONS AND RESPONSIBILITIES

For this project, Item 7 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby

ARTICLE 7.4 "INSURANCE AND BONDS" is hereby deleted in its entirety

ARTICLE 7 5 "RESTORING SURFACES OPENED BY PERMISSION." The third sentence of the first paragraph is hereby revised to read as follows·

Payment for repair of surfaces opened by permission will be made in accordance with Article 38 "Changes And Alterations" of Section IV, "General Terms And Conditions".

SPECIAL PROVISION TO ITEM 8

PROSECUTION AND PROGRESS

For this project, Item 8 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby.

ARTICLE 8 1 "PROSECUTION OF WORK" The third sentence in the first paragraph is hereby revised to read as follows.

"The Contractor shall begin the work to be performed under the contract within ten (10) days after the date of the authorization to begin work as shown on the work order

ARTICLE 8 2 "PROGRESS SCHEDULES", B "CONSTRUCTION CONTRACTS" The first sentence in the first paragraph is hereby revised to read as follows.

If required by the Engineer, before starting work on a construction Contract, prepare and submit a progress schedule based on the sequence of work and traffic control plan shown in the Contract

SPECIAL PROVISION TO ITEM 9

MEASUREMENT AND PAYMENT

For this project, Item 9 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby.

ARTICLE 9 2 "PLANS QUANTITY MEASUREMENT" is hereby deleted in its entirety.

ARTICLE 9 4 "PAYMENT FOR EXTRA WORK" is hereby revised to read as follows

Extra work ordered, performed and accepted will be paid for in accordance with ARTICLE 39, "EXTRA WORK" of Section IV, "General Terms and Conditions".

ARTICLE 9.5 "FORCE ACCOUNT" is hereby deleted in its entirety.

ARTICLE 9.6 "PROGRESS PAYMENTS" is hereby deleted in its entirety and replaced by ARTICLE 36, "PROGRESS PAYMENTS AND RETAINAGE" of Section IV, "General Terms and Conditions".

ARTICLE 9.8 "FINAL PAYMENT" is hereby deleted in its entirety and replaced by ARTICLE 34, "FINAL COMPLETION AND ACCEPTANCE" and ARTICLE 40, "FINAL PAYMENT" of Section IV, "General Terms and Conditions".

SPECIAL PROVISION

100---002

Preparing Right of Way

For this project, Item 100, "Preparing Right of Way," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby

Article 100.4. Payment. The second paragraph is voided and replaced by the following

Total payment of this Item will not exceed 10% of the original contract amount until final acceptance The remainder will be paid on the estimate after the final acceptance under Article 5.8, "Final Acceptance."

SPECIAL PROVISION

166---001

Fertilizer

Item 166, "Fertilizer," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 166.2. Materials is voided and replaced by the following.

Use a complete fertilizer containing nitrogen (N), phosphoric acid (P), and potash (K) nutrients unless otherwise specified on the plans. At least 50% of the nitrogen component must be a slow-release sulfur coated urea Ensure that fertilizer is in an acceptable condition for distribution in containers labeled with the analysis Fertilizer is subject to testing by the Texas A&M Feed and Fertilizer Control Service in accordance with the Texas Fertilizer Law

Article 166.3. Construction is voided and replaced by the following:

Deliver and apply the complete fertilizer uniformly at a rate equal to 60 lb. of nitrogen per acre or at the analysis and rate specified on the plans.

Apply fertilizer as a dry material and do not mix with water to form a slurry

Incorporate fertilizer during seedbed preparation as specified in the plans

SPECIAL PROVISION

260---002

Lime Treatment (Road-Mixed)

For this project, Item 260, "Lime Treatment (Road-Mixed)," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 260.2. Materials, Section A. Lime. The first two sentences are voided and replaced by the following

A. Lime. Furnish lime that meets the requirements of DMS-6350 "Lime and Lime Slurry," and DMS-6330, "Prequalification of Lime Sources " Use hydrated lime, commercial lime slurry, quicklime, or carbide lime slurry as shown on the plans

Article 260.3. Equipment, Section B. Slurry Equipment. The last sentence of the second paragraph is voided and replaced by the following

Equip the distributor truck with a sampling device in accordance with Tex-600-J, Part I, when using commercial lime slurry or carbide lime slurry

Article 260.4. Construction, Section C. Application of Lime, Section 2. Slurry Placement. The first paragraph is voided and replaced with the following:

Provide slurry free of objectionable materials, at or above the minimum dry solids content, and with a uniform consistency that will allow ease of handling and uniform application. Deliver commercial lime slurry or carbide lime slurry to the jobsite, or use hydrated lime or quicklime to prepare lime slurry at the jobsite or other approved location, as specified When dry quicklime is applied as a slurry, use 80 percent of the amount shown on the plans

Article 260.5. Measurement, Section A. Lime is supplemented by the following

4. Carbide Lime Slurry. Lime slurry will be measured by the ton (dry weight) as calculated from the minimum percent dry solids content of the slurry, multiplied by the weight of the slurry in tons delivered

Article 260.6. Payment. The first paragraph is voided and replaced by the following.

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid in accordance with Section 260 6.A, "Lime," and Section 260 6 B, "Lime Treatment "

Article 260.6. Payment, Section A. Lime. The first sentence is voided and replaced by the following·

A. Lime. Lime will be paid for at the unit price bid for "Lime" of one of the following types.

- Hydrated Lime (Dry),
- Hydrated Lime (Slurry),
- Commercial Lime Slurry,
- Quicklime (Dry),
- Quicklime (Slurry). or
- Carbide Lime Slurry

Article 260.6. Payment, Section B. Lime Treatment is voided and replaced by the following·

B. Lime Treatment. Lime treatment will be paid for at the unit price bid for "Lime Treatment (Existing Material)," "Lime Treatment (New Base)," or "Lime Treatment (Mixing Existing Material and New Base)," for the depth specified No payment will be made for thickness or width exceeding that shown on the plans This price is full compensation for shaping existing material, loosening, mixing, pulverizing, spreading, applying lime, compacting, finishing, curing, curing materials, blading, shaping and maintaining shape, replacing mixture, disposing of loosened materials, processing, hauling, preparing secondary subgrade, water, equipment, labor, tools, and incidentals

SPECIAL PROVISION

360---003

Concrete Pavement

For this project, Item 360, "Concrete Pavement," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby

Article 360.3. Equipment, Section E. Curing Equipment. The third sentence is voided and replaced by the following

Provide curing equipment that is independent of all other equipment when required to meet the requirements of Article 360.4.I, "Curing "

Article 360.4. Construction, Section H. Spreading and Finishing, Section 2. Maintenance of Surface Moisture. The first and second sentences are voided and replaced by the following·

Prevent surface drying of the pavement before application of the curing system by means that may include water fogging, the use of wind screens and the use of evaporation retardants.

Article 360. 4. Construction, Section I. Curing. The first sentence is voided and replaced by the following

Keep the concrete pavement surface from drying as described in Section 360 4.H.2, "Maintenance of Surface Moisture," until the curing material has been applied

Article 360. 4. Construction, Section I. Curing, Section 1. Membrane Curing. The first paragraph is voided and replaced by the following

Spray the concrete surface uniformly with 2 coats of membrane curing compound at an individual application rate of not more than 180 sq ft per gallon Do not allow the concrete surface to dry before applying the curing compound Use a towel or absorptive fabric to remove any standing pools of bleed water that may be present on the surface before applying the curing compound. Apply the first coat within 10 min. after completing texturing operations. Apply the second coat within 30 min after completing texturing operations

SPECIAL PROVISION

500---005

Mobilization

For this project, Item 500, "Mobilization," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 500.1. Description is supplemented by the following

Work for this Item includes submissions required by the Contract

Article 500.3. Payment, Section A is voided and replaced by the following

A. Payment will be made upon presentation of a paid invoice for the payment, performance, or retainage bonds, and required insurance The combined payment for bonds and insurance will be no more than 10% of the mobilization lump sum or 1% of the total Contract amount, whichever is less

Article 500.3. Payment, Section F is voided and replaced by the following

F. Upon final acceptance, 97% of the mobilization lump sum bid will be paid Previous payments under this Item will be deducted from this amount.

Article 500.3. Payment is supplemented by the following

G. Payment for the remainder of the lump sum bid for "Mobilization" will be made after all submittals are received, final quantities have been determined and when any separate vegetative establishment and maintenance, test and performance periods provided for in the Contract have been successfully completed

SPECIAL PROVISION

502---033

Barricades, Signs, and Traffic Handling

For this project, Item 502, "Barricades, Signs, and Traffic Handling," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby

Article 502.4. Payment, Section C. Maximum Total Payment Prior to Acceptance is voided and replaced by the following:

C. Maximum Total Payment Prior to Acceptance. The total payment for this Item will not exceed 10% of the total Contract amount before final acceptance in accordance with Article 5.8, "Final Acceptance." The remaining balance will be paid in accordance with Section 502 4 E, "Balance Due "

SPECIAL PROVISION

506---010

Temporary Erosion, Sedimentation, and Environmental Controls

For this project, Item 506, "Temporary Erosion, Sedimentation, and Environmental Controls," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby

Article 506.2. Materials. Section I. Sandbags. Table 1 is replaced with the following:

Table 1
Sand Gradation

Sieve #	Retained (% by Weight)
4	MAXIMUM 3%
100	MINIMUM 80%
200	MINIMUM 95%

SPECIAL PROVISION

620---001

Electrical Conductors

For this project, Item 620, "Electrical Conductors," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby

Article 620.2 Materials. The fourth and fifth paragraphs are void and replaced by the following

Use white insulation for grounded (neutral) conductors, except that grounded conductors AWG No. 4 and larger may be black with white tape marking at every accessible location Do not use white insulation or marking for any other conductor except control wiring specifically shown on the plans

Ensure that insulated grounding conductors are green except that insulated grounding conductors AWG No 4 and larger may be black with green tape marking at every accessible location Do not use green insulation or marking for any other conductor except control wiring specifically shown on the plans

SPECIAL PROVISION

624---014

Ground Boxes

For this project, Item 624, "Ground Boxes," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby

Article 624.1. Description is voided and replaced by the following

Construct, furnish, and install ground boxes complete with lids Remove existing ground boxes.

Article 624.2 Construction and Materials. The first paragraph is voided and replaced by the following·

Provide new materials that comply with the details shown on the plans and meet the following requirements

- Construct cast-in-place concrete ground boxes and aprons in accordance with Item 420, "Concrete Structures," and Item 440, "Reinforcing Steel."
- Provide fabricated precast polymer concrete ground boxes, and precast concrete ground boxes that comply with DMS-11070, "Ground Boxes "
- Construct a concrete apron, when shown on the plans, in accordance with Item 432, "Riprap," and Item 440, "Reinforcing Steel."

Article 624.2. Construction and Materials is supplemented by the following

Remove existing ground boxes to at least 6 in. below the conduit level. Uncover conduit to a sufficient distance so that 90 degree bends can be removed and conduit reconnected Clean the conduit in accordance with Item 618, "Conduit" and pull, splice, or terminate new conductors as indicated in the plans Cleaning of conduit is subsidiary to this Item Pulling, splicing, or terminating conductors will be paid under Item 620, "Electrical Conductors " Backfill area to ground level with acceptable material upon completing adjacent work related to conduit and conductors

Article 624.3. Measurement is voided and replaced by the following.

This Item will be measured by each ground box complete in place or by each ground box removed

Article 624.4. Payment is voided and replaced by the following

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Ground Boxes" of the types and sizes specified and for "Remove Existing Ground Boxes " This price is full compensation for excavating and backfilling, constructing, furnishing, installing, and removing the ground boxes and concrete aprons when required, and equipment, labor. materials. tools, and incidentals.

SPECIAL PROVISION
628---001
Electrical Services

For this project, Item 628, "Electrical Services," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby

Article 628.5. Payment, A. Installation is voided and replaced by the following.

A. Installation. Except as provided for in the following paragraph, this price is full compensation for paying all fees, permits, and other costs, making arrangements with the utility company for all work and materials provided by the utility company, furnishing, installing, and connecting all components including poles, service supports, foundations, anchor bolts, riprap, enclosures, switches, breakers. conduit (from the service equipment including the elbow below ground), fittings, conductors (from the service equipment including the elbow below ground), brackets, bolts, hangers, and hardware, and equipment, labor, tools, and incidentals.

Costs for utility-owned power line extensions, connection charges, and meter charges will be paid for by the Department The Department will reimburse the contractor only the amount billed by the utility plus bond cost. No additional compensation will be paid for overhead, superintendence, profit, administrative costs, or supervision of the utility's work

SPECIAL PROVISION

636---014

Aluminum Signs

For this project, Item 636, "Aluminum Signs," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby

Article 636.1. Description is voided and replaced by the following.

- **Installation.** Furnish, fabricate, and erect signs Sign supports are provided for under other Items.
- **Replacement.** Replace existing signs on existing sign supports.
- **Refurbishing.** Refurbish existing signs on existing sign supports

Article 636.2. Materials, Section A. Sign Blanks is voided and replaced by the following:

A. **Sign Blanks.** Furnish sign blank substrates in accordance with DMS-7110, "Aluminum Sign Blanks" or DMS-8305, "Fiberglass Sign Substrate," and in accordance with the types shown on the plans. Use single-piece sheet-aluminum substrates for Type A (small) signs Use either extruded aluminum or fiberglass substrates for Type G (ground-mounted) or Type O (overhead-mounted) signs as shown on the plans.

Article 636.2. Materials, Section B. Sign Face Reflectorization is supplemented by the following:

Ensure that sign legend, symbols, borders, and background exhibit uniform color, appearance, and retroreflectivity when viewed both day and night

Article 636.2. Materials, Section C. Sign Messages. The last two bullets are voided and replaced by the following:

- Fabricate non-reflective black film legend from materials meeting DMS-8300.
- Furnish direct-applied route markers and other attachments within the parent sign face, unless otherwise specified in the plans

Article 636.2. Materials, Section D. Hardware is supplemented by the following

Furnish sign hardware for fiberglass signs in accordance with the fiberglass substrate manufacturer's recommendations.

Article 636.3. Construction, Section A. Fabrication, Part 1. Sign Blanks. The first paragraph is voided and replaced by the following

Furnish sign blanks to the sizes and shapes shown on the plans and that are free of buckles, warps, burrs, dents, cockles, or other defects Do not splice individual extruded aluminum or fiberglass panels.

Article 636.3. Construction, Section A. Fabrication, Part 2. Sheeting Application is voided and replaced by the following

2. Sheeting Application. Apply sheeting to sign blanks in conformance with the sheeting manufacturer's recommended procedures Meet the fabrication requirements of DMS-8300, Section 8300.7.F, "Sign Fabrication" for white, orientation non-compliant sheeting listed on the Department's Material Producer List entitled "Sign Face Materials " Clean and prepare the outside surface of extruded aluminum or fiberglass flanges in the same manner as the sign panel face

Minimize the number of splices in the sheeting Overlap the lap-splices by at least 1/4 in. Use butt splices for Type C microprismatic, Type D, and Type E reflective sheeting. Provide a 1-ft. minimum dimension for any piece of sheeting Do not splice sheeting for signs fabricated with transparent screen inks or colored transparent films.

Article 636.3. Construction, Section A. Fabrication, Part 3. Sign Assembly. The first paragraph is voided and replaced by the following

3. Sign Assembly. Assemble extruded aluminum signs in accordance with the details shown on the plans. Assemble fiberglass signs in accordance with the fiberglass manufacturer's recommendations located on the Department's Material Producer List entitled "Fiberglass Sign Substrates " Sign face surface variation must not exceed 1/8 in per foot Surface misalignment between panels in multi-panel signs must not exceed 1/16 in at any point.

Article 636.3. Construction, Section B. Storage and Handling. The last paragraph is voided and replaced by the following:

Store all finished signs off the ground and in a vertical position until erected. Store finished sheet-aluminum substrate signs in a weatherproof building Extruded aluminum and fiberglass substrate signs may be stored outside

Article 636.3. Construction, Section E. Replacement is supplemented by the following

Mounting hardware for fiberglass signs will be per the fiberglass substrate manufacturer's recommendations.

Article 636.3. Construction, Section H. Documentation is added

H. Documentation. Provide a notarized original of the Signing Material Statement (Form 2273) with the proper attachments for verification of compliance

Article 636.5. Payment. The first paragraph is voided and replaced by the following·

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Aluminum Signs," "Fiberglass Signs," "Signs," "Replacing Existing Aluminum Signs," "Replacing Existing Fiberglass Signs," "Refurbishing Aluminum Signs," or "Refurbishing Fiberglass Signs," of the type specified

Article 636.5. Payment, Section B. Replacement is voided and replaced by the following

B. Replacement. This price is full compensation for. furnishing and installing new aluminum or fiberglass signs and hardware, removal of existing signs; fabrication of sign panels; treatment of sign panels required before application of the background materials, application of the background materials and messages to the sign panels; furnishing and fabricating frames, wind beams, stiffeners, or required joint backing strips; furnishing bolts, rivets, screws, fasteners, clamps, brackets, and sign support connections, assembling and erecting the signs; preparing and cleaning the signs, salvaging and disposing of unsalvageable material; and equipment, materials, labor, tools, and incidentals

SPECIAL PROVISION

687---004

Pedestal Pole Assemblies

For this project, Item 687, "Pedestal Pole Assemblies," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 687.2. Materials is supplemented by the following

C. Pedestrian Push Button Pole Assembly. Provide diameter as shown in the plans, schedule 40 steel pipe or tubing, aluminum pipe (alloy 6061-T6), or rigid metal conduit. Do not use aluminum conduit Galvanize pedestrian push button post in accordance with Item 445, "Galvanizing," unless otherwise shown on the plans

Article 687.3 Construction. The second and third paragraphs are voided and replaced by the following

B. Installation Install pedestal pole assemblies and pedestrian push button pole assemblies as shown on the plans or as directed Pedestal pole assemblies include foundation, pole shaft, base. anchor bolts, anchor bolt nuts, anchor bolt template, shims, and miscellaneous components Pedestrian push button post assemblies include foundation, pole, pedestrian button and post cap and pedestrian sign

C. Painted Finish. When required, paint pedestal pole and pedestrian push button post assemblies in accordance with details shown on the plans

Article 687.4 Measurement is voided and replaced by the following:

This Item will be measured by each pedestal pole assembly or each pedestrian push button post assembly."

Article 687.5 Payment is voided and replaced by the following·

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Pedestal Pole Assembly" or by the unit bid price for "Pedestrian Push Button Post Assembly."

SPECIAL SPECIFICATION 01000
SPECIAL PROVISIONS TO SPECIAL SPECIFICATIONS

TABLE OF CONTENTS

SECTION NUMBER	DESCRIPTION
SP 1	Special Provisions
SP 2	Unit Prices
SP 3	Technical Specifications
SP 4	Miscellaneous Allowance
SP 5	Permits
SP 6	Subsurface Exploration
SP 7	Utility Conflicts
SP 8	Changes in Alignment
SP 9	Utility Services for Construction
SP 10	Interruption of Utility Services
SP 11	Barricading Excavation Areas
SP 12	Alternate Designs
SP 13.	Safety
SP 14	Standby Pumps
SP 15	Soil Stratigraphy and Groundwater
SP 16	Surface Structures
SP 17	Hand Excavation
SP 18	Water Line Testing
SP 19	Water Lines and Valves
SP 20	Fire Hydrants
SP 21	G C W A
SP 22	Water Line Installation

SP 1. SPECIAL PROVISIONS:

Basic Technical Specification items are items which follow described general requirements When necessary, Special Provisions are inserted to describe additional requirements applicable to this Contract Special Provisions are to be used in conjunction with basic Technical Specification items In the event of conflict between requirements as set forth the Special Provisions and the basic Technical Specification items, the requirements as set forth in the Special Provisions shall govern

SP 2. UNIT PRICES:

It is the intent of the Contractor that the aggregate amount of unit prices times unit work actually installed shall cover all work required by the Contract Documents, in place, complete and ready to use Prices in the Contract Documents include all compensation for full completion of all work items in place, and include providing all labor, materials, tools, equipment, services, supplies, incidentals, and all necessary operations No costs in connection with work required by the Contract Documents for proper and successful completion of the Contract will be paid outside of or in addition to the items and unit prices named in the Bid Proposal Work not specifically set forth in the Bid Proposal as pay items shall be considered subsidiary obligations of Contractor and costs shall be included in the item bid prices named in the unit Bid Proposal

SP 3. TECHNICAL SPECIFICATIONS

Any reference to the Technical Specifications in this document which are not located within the water line specifications shall mean the Technical Specifications within other portions of the contract documents

SP 4. MISCELLANEOUS ALLOWANCE

The amount specified as "Miscellaneous Allowance" shall be used for authorized changes required to complete the original scope of work Changes shall be authorized in writing by the City prior to work being performed

SP 5. PERMITS:

Contractor is responsible to obtain all necessary permits to accomplish the Work described within these documents It is the Contractor's responsibility to coordinate with the City in order to determine all requirements and to meet such requirements The Contractor is responsible for coordinating with the Texas Department of Transportation (TxDOT) for obtaining a permit and shall meet their requirements for improvements performed in their right of ways

SP 6. SUBSURFACE EXPLORATION:

It is not represented that PLANS show all existing storm sewer, sanitary sewer, water, gas, telephone, petroleum or petroleum related pipelines and electrical facilities and other underground structures It is the Contractor's responsibility to determine the depth, location and their existence which may conflict with the proposed construction by referring to available records, consulting appropriate municipal departments and utility owners and by making necessary exploration and excavations All investigative work will be done and all repairs required after completion of investigative work shall be performed by the Contractor at no additional cost to the project

Whenever existing utilities, not indicated on PLANS, present obstructions to grade and alignment of pipe, immediately notify Professional and Owner, who without delay, will determine whenever existing

utilities are to be relocated, or grade and alignment of proposed pipe changed When necessary to move services, poles, guy wires, pipelines, or other obstructions, the Contractor shall contact and coordinate and make arrangements with owners of said utilities Owner will not be liable for damages on account of delays due to changes or adjustments made by owners of privately owned utilities and faulty workmanship by owners of privately owned utilities which hinder progress of work regardless of work authorized by Owner or other entities

It is the Contractor's responsibility to install the proposed water line and maintain proper clearances with all utilities and meet the regulatory requirements Any damage to existing sprinklers or sanitary sewer service lines shall be repaired to Owner's satisfaction at no additional cost to the project

SP 7. UTILITY CONFLICTS:

In the event a utility (known or unknown) including but not limited to (gas, electric, telephone, cable, petroleum or petroleum related pipelines) is exposed due to excavation and is in conflict, the appropriate company shall be contacted by the Contractor The Contractor shall make a concerted effort to the Professional's satisfaction to install the water line and avoid any conflict with the utility The Contractor shall provide all the necessary documentation for performing such efforts The documentation shall be telephone conversation memos, letters, meeting's on site and other coordination efforts utilized to identify the unknown utility or pipeline The Professional will review all the documentation provided by the Contractor In the event, the Professional determines that the Contractor had made a concerted effort to avoid the conflict and in spite of his effort, the conflict cannot be avoided without the utility being relocated, the Owner will assist in coordinating the relocation efforts of the utility with the pertinent company (The Contractor is still responsible for contacting and coordinating with the utility or the pipeline company) During the period and until the relocation work is complete, the Contractor will move his crew to other project areas at his own expense The Owner will not be responsible for compensation resulting from the delays and coordination efforts by the Contractor In the event the Contractor chooses to assist the utility or pipeline company in the performance of their work, he shall be doing that at his own risk The Owner will not be responsible for costs incurred by the Contractor from providing such assistance to the utility or pipeline companies

SP 8. CHANGES IN ALIGNMENT:

The Contractor is made aware and shall make provisions in his unit price bid to allow for changes in alignment (vertical and horizontal) of the proposed utility (storm, water sanitary sewer or force main) and roadway during construction to avoid conflicts, conditions encountered in the field, and to expedite construction The Contractor is made aware that the water line may be required to be installed at a deeper elevation to avoid conflicts and to maintain clearances with utilities No additional payment shall be made to the increased installation efforts expended to the Contractor The Owner will not be responsible for any claims for downtime costs resulting from such conflicts If the change in alignment results in increased quantities of the pertinent item, the Contractor shall be paid at the established bid unit price in the Contract Any coordination or verification of existing utilities (including but not limited to gas, electric, water, sewer, petrochemical pipeline) resulting from the realignment shall not be paid for separately and shall be incidental to project costs In the event the Contractor desires additional time due to the conflict, the Contractor shall submit documentation supporting such request to the Owner as per the project specifications The Owner will evaluate such request on a case by case basis and make appropriate decisions

SP 9. UTILITY SERVICES FOR CONSTRUCTION

Contractor will provide all utilities necessary for construction at no additional cost to Owner Contractor shall obtain a fire hydrant water meter from the Owner and shall pay for all water usage as metered Contractor shall not use resident's water It is expressly understood and agreed that the Owner assumes no responsibility for any loss resulting to the Contractor from any loss of pressure or failure of the water system, however, in the event of failure that can be attributed to the Owner, the Owner does agree to make repairs and restore service as expeditiously as possible

SP 10. INTERRUPTION OF UTILITY SERVICES

Operate no valve or other control on existing systems Exercise care in performing work so as not to interrupt service Locate and uncover existing utilities ahead of heavy excavation equipment At house connections, either lift trenching machine over lines or cut and reconnect with minimum interruption of service In the event there is a need for interruption of water service, the Contractor shall contact the City in writing so that the City forces can operate the appropriate valves. The Contractor shall provide a minimum of 72 hours notice to property owners whose service will be interrupted

SP 11. BARRICADING EXCAVATION AREAS:

All excavation areas shall be barricaded at all times to prevent motorists from inadvertently driving into bore pits, open cuts, and trenches All excavation must also be cordoned off with 4-foot high orange polyethylene fence with mesh size 2 5" by 0 80", Tenax Beacon or approved equal, installed as per manufacturer's recommendations and acceptable to the Owner The fence shall be supported with enough intermediate support to avoid excessive sagging Adequate barricades with flashing yellow lights shall also be provided to protect pedestrian traffic and vehicular traffic

No excavations shall be left open overnight

All excavations which cannot be back filled overnight for the installation of manholes, sanitary sewers, and utilities shall be covered with anchored steel sheeting, in paved areas, and 3/4" plywood, wood planking or some other material approved by the Owner in non-paved areas The steel sheeting shall be of sufficient thickness to support H-20 loading, truck or lane, that produces maximum stress The excavation area must be well protected with traffic barricades equipped with flashing yellow lights

It is the Contractor's responsibility to insure the safety of the public, himself, his employees and all other persons Provisions listed here are minimum measures and in no way relieves the Contractor of his responsibility or changes or alters other requirements within these contract documents

The Contractor is hereby made aware that the work is being conducted in an area consisting of a high amount of pedestrian and vehicular traffic The possibility of vandalism to his barricades, sheeting, tape, other protective devices and equipment does exist The Contractor is responsible for maintaining all traffic barricades, sheeting, tape and other protective devices during construction hours and non-construction hours such as weekends, holidays, nights and inclement weather periods Upon notification of the need for maintenance of the barricaded areas, either by the Contractor's own personnel, the Owner or its representatives, the Contractor shall promptly take the required corrective measures

SP 12. ALTERNATE DESIGNS:

If alternate design features are proposed for convenience of Contractor, submit design calculations and detail drawings covering proposed changes and related modifications of Contract PLANS to Professional

for review Make drawings same size as Contract PLANS and of comparable quality Make payment of charges resulting from modifications, including engineering charges for checking such designs.

SP 13. SAFETY:

The Contractor shall carry out his operations in strict accordance with all applicable Occupational Safety and Health Administration (OSHA) standards Special attention is drawn to those safety requirements involving work on all elevated platforms and entry into a confined space It shall be the Contractor's responsibility to familiarize himself with OSHA standards and regulations pertaining to all aspects of the work All work shall be done in accordance with OSHA, Safety and Health Regulations of the United States Government for Construction, State of Texas laws and regulations, Galveston County regulations and City ordinances

Trench Safety - Contractor shall be aware that conditions may exist whereby solid sheeting and shoring may be more appropriate than trench boxes

The Contractor shall provide an excavation safety system as approved by OSHA 29 CFR Part 1926 (latest version) indicating the use of sheeting, shoring, bracing, under pinning, etc , to be utilized where conditions warrant such system This system shall be provided in addition to other excavation systems the Contractor selects as per section 01526 "Trench Safety System"

SP 14. STANDBY PUMPS:

The Contractor is responsible for maintaining additional standby pumps for bypass pumping in the event of failure of any pumps utilized during bypass pumping Well points and bypass pumps are specified to be electric powered for noise consideration The Contractor will be allowed to use gas powered pumps during normal working hours in those areas only if the Contractor can complete such operations during normal working hours. Otherwise, the Contractor must utilize electric powered pumps after normal working hours The Contractor shall make all necessary arrangements with the pertinent utility company Any delays or costs associated with changing from gas powered pumping to electrical powered pumping shall be absorbed by the Contractor

Bypass pumping will not be performed on weekends or holidays unless conditions exist which are identified in the General Instructions to Bidders

SP 15. SOIL STRATIGRAPHY AND GROUNDWATER:

Soils stratigraphy and groundwater conditions encountered during excavations may vary from those observed in the geotechnical investigation report provided in this specification The Contractor should collect additional subsurface information as he deems necessary to determine the conditions of the site If conditions significantly differ from those presented in the geotechnical report attached to these specifications, the Contractor shall notify the Owner and Engineer immediately

Contractor shall be aware that groundwater may be present in the construction sites Seepage into excavation may occur This seepage should be collected in sumps and pumped out This type of de-watering is considered incidental to the cost of the improvement

If seepage cannot be handled by sumping, then mechanical dewatering techniques such as well pointing shall be used The Contractor shall be paid for well pointing as per the unit price bid

Piezometers - Since ground water conditions can change depending on current conditions, the Contractor shall install piezometers at areas where dewatering is considered and groundwater level and seepage conditions should be checked prior to construction The installation of the piezometers to monitor ground water prior to construction shall be paid for at the unit price bid for ground water control The Contractor shall utilize the services of a geotechnical firm to install the piezometers and report on the groundwater conditions The installation of piezometers in advance of the excavation can give the Contractor advance notice for the need to well point and will therefore aid the Contractor in his scheduling efforts If it is determined that well pointing is required, then the cost of the piezometers will be incidental to the well pointing

SP 16. SURFACE STRUCTURES:

The Contractor shall remove and replace all lighting, fences, mailboxes, structures, plants, landscaping, street signs or other improvements necessary to perform the work at no additional cost to the project Any surface structures damaged due to Contractor's performance of work, shall be replaced to the City's satisfaction, all at no additional cost to the project

SP 17. HAND EXCAVATION:

The Contractor shall accomplish the construction by hand excavation while working in close proximity to utilities, structures, landscaping, trees, shrubs, swimming pools, etc and whenever necessary or as directed by the project representative Any additional costs associated with utilizing hand excavation shall not be paid for separately and shall be included in the unit price bid for the related item

SP 18. WATER LINE TESTING:

The Contractor shall provide a minimum of 72 hours notice in writing to the Owner and the Engineer and the project on-site representative of any testing on the water lines The Contractor shall document the test results on every line section and provide a copy to the Owner and the Engineer All testing procedures shall conform to the specifications and standards of the Owner The Contractor shall keep in daily contact with the on-site representative through completion of the project and shall have a superintendent on the job site who can communicate in English with the on-site representative at all times

SP 19. WATER LINES AND VALVES:

The Contractor is responsible for locating the existing water lines, including valves prior to construction The Contractor shall provide 72 hours notice in writing to the Owner for assistance in operating the valves in the system The Contractor shall be aware that there are water lines with no existing valves available for their isolation The Contractor is responsible for making the tie-ins (wet connections) under pressure in those areas The Contractor shall be paid at the bid unit price for wet connection No additional payment shall be made performing such work under unfavorable conditions

SP 20. FIRE HYDRANTS:

The locations of the proposed fire hydrants shown on plans are approximate The Contractor shall field verify the locations with the Owner's representative and the Engineer prior to installation In the event the Contractor fails to obtain concurrence with the Owner's representative or the Engineer regarding the locations, the Contractor shall relocate the said fire hydrants to the locations determined by the Owner at no cost to the project

SP 21. GCWA:

The Contractor is made aware that Gulf Coast Water Authority (GCWA) performs maintenance once a year and requires the system to be shut for a day In the event this work occurs during the project, excavation will not be allowed Additional calendar days have been included in the project time No additional compensation will be made for down time

SP 22. WATER LINE INSTALLATION:

The Contractor is made aware that water line installation across all driveways, street crossings, tree crossings, landscaped areas, mailboxes and any other areas identified in the field by the City's inspector or as required by a utility company, pipeline company, TxDOT or other agency, shall be accomplished by augured construction The Contractor may choose to install the water line by open cut or auger construction in other areas No separate payment shall be made for surface restoration, including but not limited to block sodding and hydromulch seeding Incidental items for water line installation include all pavement, sidewalk, storm culverts, fences, mailboxes, driveway removal and replacement, unless indicated otherwise on the Plans, bedding and backfill including cement stabilized sand backfill where backfill is under pavements or alleys (paved or non-paved), all surface and site restoration, testing, disinfection and all incidentals Any requests to open cut in areas designated for auger construction shall be approved by the Owner prior to construction. No additional compensation will be made for incidental items listed above if open cut method of construction is approved The cost for open cut or auger method of construction shall be included in the Contractor's bid unit price for water line construction as indicated in the bid proposal

Section 01025
MEASUREMENT AND PAYMENT FOR WATER LINE CONSTRUCTION

PART 1 GENERAL

1 01 SECTION INCLUDES

A Procedures for measurement and payment plus conditions for nonconformance assessment and nonpayment for rejected products

1 02 AUTHORITY

A Measurement methods delineated in Specification sections are intended to complement the criteria of this section In the event of conflict, the requirements of this Specification section shall govern

B Measurements and quantities submitted by the Contractor will be verified by the Engineer

C Contractor shall provide necessary equipment, workers, and survey personnel as required by Engineer to verify quantities

1 03 UNIT QUANTITIES SPECIFIED

A Quantity and measurement estimates stated in the Agreement are for contract purposes only. Quantities and measurements supplied or placed in the Work and verified by Engineer shall determine payment as stated in the General Conditions

B If the actual Work requires greater or lesser quantities than those quantities indicated in the Bid Proposal, provide the required quantities at the unit prices contracted, except as otherwise stated in the General Conditions.

1 04 MEASUREMENT OF QUANTITIES

A Measurement by Weight will be measured by CRSI or AISC Manual of Steel Construction weights or scale weights

B Measurement by Volume

1 Stockpiles Measured by cubic dimension using mean length, width, and height or thickness

2 Excavation and Embankment Materials Measured by cubic dimension using the in place average end area method

C Measurement by Area Measured by square dimension using mean length and width or radius

D Linear Measurement Measured by linear dimension, at the item centerline or mean chord

E Stipulated Price Measurement By unit designated in the agreement

F Other Items measured by weight, volume, area, or lineal means or combination, as appropriate, as a completed item or unit of the Work

G Measurement by Each Measured by each instance or item provided

H Measurement by Lump Sum Measure includes all associated work

1 05 PAYMENT

A Payment Includes Full compensation for all required supervision, labor, products, tools, equipment, plant, transportation, services, and incidentals, and erection, application or installation of an item of the Work, and Contractor's overhead and profit

B Total compensation for required Unit Price Work shall be included in Unit Price bid in Bid Proposal Claims for payment as Unit Price Work, but not specifically covered in the list of unit prices contained in Bid Proposal, will not be accepted

C Interim payments for stored materials will not be made unless allowed in Special Conditions Such materials must be stored on the job site or at a location approved by the Engineer

D Progress payments will be based on the Engineer's observations and evaluations of quantities incorporated in the Work multiplied by the unit price

E Final payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities determined by Engineer multiplied by the unit price for Work which is incorporated in or made necessary by the Work

1 06 NONCONFORMANCE ASSESSMENT

A Remove and replace the Work, or portions of the Work, not conforming to the Contract Documents

B If, in the opinion of Engineer, it is not practical to remove and replace the Work, the Engineer will direct one of the following remedies

1 The nonconforming Work will remain as is, but the unit price will be adjusted to a lower price at the discretion of Engineer

2 The nonconforming Work will be modified as authorized by the Engineer, and the unit price will be adjusted to a lower price at the discretion of Engineer, if the modified work is deemed to be less suitable than originally specified

C Specification sections may modify these options or may identify a specific formula or percentage price reduction

D The authority of Engineer to assess the nonconforming work and identify payment adjustment is final

1 07 NONPAYMENT FOR REJECTED PRODUCTS

A Payment will not be made for any of the following

1 Products wasted or disposed of in a manner that is not acceptable to Engineer
2 Products determined as nonconforming before or after placement
3 Products not completely unloaded from transporting vehicle
4 Products placed beyond the lines and levels of the required Work
5 Products remaining on hand after completion of the Work, unless specified otherwise
6 Loading, hauling, and disposing of rejected products

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3 01 GENERAL

A It is the intent of the Proposal that the aggregate bid amount as submitted shall cover all work required by Contract Documents in place, complete, and ready for use

B Unit prices in the Proposal include all compensation for full completion of all work items in place, and include providing all labor, materials, tools, equipment, services, supplies, incidentals and all necessary operations

C Work to protect items to remain by installation of temporary construction, including posting of warning signs, placement of protective fencing, barriers, barricades and covers, and restoration of damaged items to remain, will be considered incidental to the various pay items and no separate payment for this work will be made

D Work necessary to HAUL materials from original positions to points of disposition, including excavation of earth materials and utilization in construction or other disposition, will be considered incidental to the various pay items and no separate payment for this work will be made No separate payment will be made for HAUL only

E Work necessary to provide proper drainage during construction, including maintaining sections, existing ditches, channels, culverts, and sewers and including temporary construction, pumping and maintenance of ditches and drainage ways, will be considered incidental to the various pay items and no separate payment for this work will be made

F No costs in connection with work required by the Contract Documents for proper and successful completion of the Contract will be paid outside of or in addition to unit prices submitted in the Bid Proposal

G Work and materials not specifically set forth in the Bid Proposal as unit price pay items shall be considered subsidiary obligations of Contractor and costs shall be included in unit prices named in the Bid Proposal For the Contractor to be considered a Qualified Responsive Low Bidder, a Statement of Qualifications must be submitted as required by the Instructions to Bidders showing similar work has been performed by the Contractor A Contractor who submitted a bid on this project must consider himself qualified to perform and prepare a unit price bid for the work described in the Contract Documents and fully understand what work and materials are required to complete the project The contract unit price proposal is to be full compensation for all work and materials needed to complete the project described in the Contract Document Any work or materials not specifically called out in the unit price bid proposal shall be incidental to the project

In preparing the bid for this project, Contractor shall request clarification from the Engineer for any item he feels may have been omitted from the unit price bid proposal The Contractor, who has done similar work who considers himself qualified to prepare the unit price bid proposal, by submitting his bid, acknowledges that the total price bid is adequate for completing the entire project described in the Contract.

PART 4 UNIT PRICES

4 01 PVC WATER LINE INSTALLATION BY OPEN CUT OR AUGERED CONSTRUCTION

A Water lines will be measured by the linear foot of pipe installed for all depths and for each size and type and shall be measured horizontally from centerline of fitting to centerline of fitting and no deduction in length will be made for valves or fittings

B This shall be full compensation for providing all labor, materials, tools, equipment, necessary operations and all incidentals to install the pipe in place by open cut or augered construction

C In the event the alignment (horizontal and vertical) of the proposed water line is changed due to field conditions, any additional fittings such as tees, crosses, thrust blocking, reducers, bends, and any appurtenances necessary shall be incidental to the cost of pipe installed Payment for additional length of pipe installed (regardless of depth) shall be made at the bid unit price in the Contract

D No water line will be paid for until tested and disinfected

E The cost of fittings, tees, crosses, thrust blocking, joint restraints, reducers, tracer wire, bends and plugs shall be incidental to the various sizes of pipe to be installed and no separate pay item shall be allowed, but the cost thereof should be included in the price bid for the various sizes of pipe to be installed

F Fittings shall include all concrete blocking

G Incidental items include all pavement, sidewalk, curb and driveway removal and replacement unless indicated otherwise on the Plans, bedding and backfill including cement stabilized sand backfill where backfill is under pavements or alleys (paved or non-paved), and all surface and site restoration and all testing

H Portions of the water line indicated on the Plans shall be accomplished by augered construction, and any other areas identified in the field In the event the Contractor chooses to install the water line by open cut construction in locations designated as auger, no separate payment shall be made for surface restoration including pavement, sidewalk, driveway and curb removal and replacement unless approved by the Engineer prior to the work being done

I Contractor shall fill annular space around pipe in auger hole with drilling mud at no additional cost to the project

4 02 GATE VALVES

A Gate valves will be measured by the number of each size installed and will be paid for at the applicable contract unit bid price listed in the proposal

B The cost of the valve box for gate valves will not be paid for separately, but will be included in the bid price for the gate valve

C Unit price shall include all concrete blocking

4 03 FIRE HYDRANT ASSEMBLY

A Fire hydrant assembly shall be measured by the number, each, to be installed and paid for at the contract unit bid price

B Unit price shall include all concrete blocking, tie rods, drainage medium, fittings, bends and gate valves. as well as lead pipe and barrel pipe, as necessary, to complete the work Main line tee shall be included in the unit price for water main

C The work shall be performed as per the detail shown on the plans

4 04 REMOVE & SALVAGE EXISTING FIRE HYDRANTS AND VALVES

A This item consists of the removal of existing fire hydrants and valves as called for on the drawings

B Removal and salvage of fire hydrant shall be measured and paid for by each fire hydrant delivered to the City of Texas City and will include all costs for removal (includes removal and disposal of lead pipe and associated appurtenances), storage and delivery of the fire hydrants to a location requested by the City

C Removal and salvage of valves shall be measured and paid for by each valve removed and delivered to the City of Texas City and will include all costs for removal, storage, and delivery of the valves to a location requested by the City In line valves on existing lines being abandoned shall be closed watertight, plugged, thrust blocked and the operating nut on said valve be cut off All valve boxes on abandoned lines shall be removed, except those in paved area that is to be reconstructed Those located in paved areas that are not to be reconstructed as part of this project, shall be poured full of concrete and the cap shall be permanently removed at no additional cost to the project (No separate pay)

D Contractor shall obtain written and signed receipt from the City of Texas City verifying delivery of fire hydrant and valve prior to payment

4 05 TAPPING SLEEVE AND VALVE

A Tapping sleeve and valve shall be measured for each tap made and paid for at the contract unit bid price

B The cost of the valve box and gate valve will not be paid for separately but shall be included in the bid price for the tapping sleeve and valve

C Unit price shall include all concrete blocking

4 06 CONNECTION TO EXISTING WATER LINES

A 3-inch and under - connection to existing 3-inch and smaller lines shall be paid for at the contract unit bid price

1 All pipe used in the connection shall be paid for at the unit bid price for each size water line

2 All pipe removed to make connection shall be incidental to cost of connection

B 6-inch and over - connection to existing larger lines, over 3-inches, shall be paid for at the contract unit bid price

1 Standard wet connection or connection by use of tee or cross shall be considered one connection

2 Connection by use of tapping sleeve and valve shall be paid for at the bid unit price described as "tapping sleeve and valve" and shall include the valve

3 All pipe removed to make connection shall be incidental to cost of connection

C 2-inch standard connection – connection of 2-inch water line to any size water line shall be paid for at the contract unit bid price

1 All fittings, saddles, pipe and tools required to make the connection shall be incidental to the cost of the connection

2 All pipe removed to make connection shall be incidental to cost of connection

4 07 WATER SERVICE LINE (SHORT AND LONG)

A This item shall apply for service line (long and short) tie-ins to newly installed water mains and service line (short and long) tie-ins to water mains not designated for replacement

B This item will be paid for each service line installed and reconnected at all depths and for all sizes In the event water service tubing is in excess of the average linear footage outlined below, measure and pay for extra service line tubing (as applicable) at Contract Unit Price bid per linear foot

1 Measure service line tubing by following average footage per type of residential service

a Single Short Side 12-feet
b Single Long Side 60-feet

C This shall be full compensation for providing labor, materials, tools, equipment, incidental, necessary operations Incidental items include all pavement, sidewalk, curb and driveway removal and replacement unless indicated otherwise on the Plans, cement stabilized sand bedding and cement stabilized sand backfill where backfill is under pavements, and all surface and site restoration and all testing Any hand excavation necessary while working in close proximity to trees, utilities, fences, etc shall not be paid for separately and shall be included in the unit price bid for related item

4 08 CUT, PLUG AND ABANDON EXISTING WATER LINE

A This item shall be measured and paid for by each water line cut, plugged and abandoned as shown on the plans, regardless of the depth, at the sizes indicated in the bid proposal The Contractor shall transfer all affected services to the proposed mains prior to abandonment of existing mains and shall obtain City's concurrence prior to performing the abandonment

B This shall be full compensation for providing all labor, materials, tools, equipment necessary operations and all appurtenances to cut, plug and abandon existing water line in place, removal of pipe if necessary, and install plug on existing water line remaining in service

4 09 PAVEMENT REPAIR

A This item shall only apply to areas designated for pavement removal and replacement as shown on the plan drawings

B This item consists of a pavement repair required as part of the water line installation In the event the limits of the pavement removal and replacement exceed the limits shown on the plans the Contractor shall obtain prior approval from the City and the Engineer In those instances payment shall be made at the bid unit price Any other areas not shown on the drawings where pavement removal and replacement is necessary shall be incidental to the cost of the project The Contractor shall obtain prior approval from the City if pavement removal and replacement is necessary in an area not designated on the plan drawings

C This bid item includes all work to sawcut, remove the existing pavement or roadway material, and replace the pavement section to the existing thickness or thicker and replace the pavement section to equal or better than the existing pavement section

Pavement sections thicknesses shall match existing pavement thickness and in no case will be less than the following thicknesses

1	Concrete	6-inch reinforced concrete (Driveways)*
		8-inch reinforced concrete (Roadways)*
		* doweled into existing concrete, compacted subgrade
		4-inch reinforced concrete (Sidewalks)
2	Asphalt Overlay	1-inch (min) on top of concrete
3	Asphalt Pavement	2-inch (min) asphaltic concrete,
		8-inch Black Base subgrade

D Highway Department Right-of-Way - Pavement shall match existing and meet TxDOT's requirements

E Contractor shall refer to the appropriate specifications for other items which may affect measurement and payment No payment will be made for work outside maximum payment limits, or in areas removed or replaced for Contractor's convenience

F This item shall be payment for all work necessary to satisfactorily complete the removal and replacement complete in place

G In the event the pavement to be removed and replaced is concrete pavement with asphalt overlay, the cost of replacing the asphalt to match the existing shall be incidental to the cost of concrete removal and replacement bid item

4 10 TRENCH SAFETY REQUIREMENTS

A As per Section 01526

B Measurement for trench safety systems used on trench excavations is on a linear foot basis measured along the centerline of the trench as indicated in the Bid Proposal, including manholes and other line structures No separate measurement will be made for shoring systems used by the Contractor for protection unless identified as Special Shoring on the Drawings or Timber Shoring required to be left in place Shoring, other than Special Shoring or Timber Shoring required to be left in place, will be included in the trench safety system measurements

C No payment will be made for trench safety systems for structural excavations under this section Include payment for trench safety system in applicable structure installation sections

D This item will be paid by unit price bid

E This shall be full compensation for all work required to comply with the State of Texas Trench Safety Act, including the design of an appropriate system by a registered Engineer

F For depths less than 5-feet the Contractor shall implement all necessary measures to obtain and maintain safe trench conditions Non-payment for trenches at depths less than 5-feet in no way relieves the Contractor of his obligation to maintain a safe trench system

G Depth measurement shall be performed from the highest edge of the trench to the bottom of the trench The measurement of the trench depth shall be to the closest foot and shall apply to the payment depth range as follows

Actual Depth Measurement	Depth Payment Range
0 to 4 9-feet	No Payment
5 0-feet and above	As per bid proposal

4 11 MISCELLANEOUS ALLOWANCE AS DIRECTED BY THE ENGINEER

A This item shall be utilized for payment for miscellaneous items as directed by the Engineer upon approval by the City

B This item will only be utilized upon prior approval by the City

END OF SECTION

SECTION 01292
SCHEDULE OF VALUES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Preparation and submittal of a Schedule of Values for stipulated price contracts or for major lump sum items on unit price contracts for which the Contractor requests progress payments.

B Measurement and Payment

No separate payment will be made for work required under this Section Contractor will include all costs of the requirements of this Section in the appropriate bid item(s) on the Bid Form

1 02 DEFINITION

A The Schedule of Values is an itemized list that establishes the value of each part of the Work for a stipulated price contract and for major lump sum items in a unit price contract The Schedule of Values is used as the basis for preparing applications for payments Quantities and unit prices may be included in the schedule when designated by the Engineer

1 03 PREPARATION

A For stipulated price contracts, subdivide the Schedule of Values into logical portions of the Work, such as major work items or work in contiguous geographic areas Use Section 01326 - Construction Schedule to guide the subdivision of work items The items in the Schedule of Values will correlate directly with the tasks enumerated in the Construction Schedule Then organize each portion using the Table of Contents of this Project Manual as an outline for listing the value of work by Sections A pro rata share of mobilization, bonds, and insurance may be listed as separate items for each portion of the work

B For unit price contracts, items should include a proportional share of Contractor's overhead and profit so that the total of all items will equal the Contract Price

C For lump sum equipment items where submittal of operation/maintenance data and testing are required, include a separate item for equipment operation and maintenance data submittal valued at 5 percent of the lump sum amount for each equipment item and a separate item for testing and adjusting valued at 5 percent of the lump sum amount for each equipment item

D Round off figures for each listed item to the nearest $100 00 except for the value of one item, if necessary, to make the total of all items in the Schedule of Values equal the Contract Price for stipulated price contracts or the lump sum amount in the Schedule of Unit Price Work

E Type the schedule of values on 8-1/2-inch by 11-inch white bond paper

1 04 SUBMITTAL

A Submit the Schedule of Values in accordance with the requirements of Section 01330 - Submittal Procedures Submit at the pre-construction conference

B Revise the Schedule of Values and resubmit for items affected by contract modifications, change orders, and work change directives After the Engineer reviews the changes without exception, make the submittal at least 10 days prior to submitting the next application for progress payment

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01326
CONSTRUCTION SCHEDULE (BAR CHART)

PART 1 GENERAL

1 01 SECTION INCLUDES

A Prepare and submit to the Engineer an initial Construction Schedule as required by this section for the Work Do not start construction until the Engineer approves the schedule

B Measurement and Payment No separate payment will be made for work required under this Section Contractor will include all costs of the requirements of this Section in the appropriate bid item(s) on the Bid Form

1 02 FORM AND CONTENT OF INITIAL CONSTRUCTION SCHEDULE

A Bar Chart.

1 Show major construction activities such as pipe laying, foundation construction, pavement removal, pavement replacement, pressure testing, chlorination, clean up and punch out as separate activities on the schedule

2 Show all work items where new water mains and other new utilities connect to existing facilities Activities shall have no more than two-week duration

3 Show separate activities for each shop drawing and product data submittal that are critical to timely completion Show submission dates and dates approved submittals will be needed from the Engineer

4 Provide separate horizontal bar for each activity List start and finish date for each activity at left side of diagram

5 Horizontal Time Scale Identify first work day of each week

6 Scale and Spacing Notes must be legible and Contractor must allow space for notations and future revisions

7 Order of Listings order bar chart listings by phases or other approved groups of activities that are contiguous Activities shall be in chronological order within each phase or group For example, for each segment of new open cut water main placement, the schedule shall have an activity for layout, traffic control, pavement removal, water main placement and backfill, pavement restoration, traffic control removal and pavement markings restoration and clean up For each tunnel or auger activity, the schedule shall have an activity for layout, traffic control, shaft construction, tunnel construction or auger activity, pipe placement in tunnel or auger, grouting (if required), shaft removal, pavement replacement, pavement marking replacement, traffic control removal and pavement marking restoration and clean up

B SPECIFIC PROJECT REQUIREMENTS

[NOTE TO SPECIFIER]

1 03 PROGRESS REVISIONS

A Submit progress revisions monthly as part of Application for Payment or information necessary for Application for Payment Application for Payment shall not be considered complete or processed for payment until progress revision is submitted When required, resubmittal for rejected revision must be made, reviewed and approved prior to the following month's pay application being processed Pay Application for the following month will not be processed until resubmittal is approved and Progress Revision required that month is received

B Provide Narrative Report to describe

1 Major changes in scope
2 Revised projections in progress, and completion, or changes in activity duration
3 Other identifiable changes
4 Problem areas, anticipated delays, and the impact on schedule
5 Corrective action recommended and its effect
6 Effect of changes on schedules or other prime contractors
7 Material delivery delays

C Additional data to be included with Bar Chart described in Paragraph 1 02A of this section

1 Original dates shown for each activity in the approved initial progress schedule shall be shown by a narrow bar next to wider bar for current schedule

2 Date that each activity actually started or finished if that event has occurred Actual dates must be clearly identified in two right-most columns in the left portion of 11-inch by 17-inch chart

3 Indicate percentage progress of each activity to the date of submission.

1 04 SUBMISSIONS

A Submit initial progress schedule within 15 days after award of contract but not later than the date of the pre-construction conference The Engineer will review the schedule and return the review copy within 7 days after receipt

B Cut-off date for progress revision may be as early as the twentieth of the month so that submittal can be made without delay to processing of Application for Payment Use same cutoff day for all revisions as used in first approved revision

C When required, resubmit within 7 days after return of review copy

D Schedule shall include connecting lines between bars to indicate sequence that activities will be accomplished such that if activity's start or finish is modified, then impact will be known by the corresponding changes to preceding or succeeding activities identified by the connecting lines Submit minimum of 6 copies of bar chart on 11-inch by 17-inch opaque reproductions of which 5 copies will be retained by Engineer and remaining copies will be returned to Contractor.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01330
SUBMITTAL PROCEDURES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Submittal procedures for

1 Schedule of Values
2 Construction Schedules
3 Shop Drawings, Product Data, and Sampler
4 Operations and Maintenance Data
5 Manufacturer's Certificates
6 Construction Photographs
7 Project Record Documents
8 Video Tapes
9 Design Mixes

1 02 SUBMITTAL PROCEDURES

A Scheduling and Handling

1 Schedule submittals well in advance of the need for the material or equipment for construction Allow time to make delivery of material or equipment after submittal is approved

2 Develop a submittal schedule that allows sufficient time for initial review, correction, resubmission and final review of all submittals The Engineer will review and return submittals to the Contractor as expeditiously as possible but the amount of time required for review will vary depending on the complexity and quantity of data submitted. In no case will a submittal schedule be acceptable which allows less than 30 days for initial review by the Engineer This time for review shall in no way be justification for delays or additional compensation to the Contractor

3 The Engineer's review of submittals covers only general conformity to the Drawings, Specifications and dimensions that affect the layout The Contractor is responsible for quantity determination The Engineer will verify no quantities The Contractor is responsible for any errors, omissions or deviations from the Contract requirements, review of submittals in no way relieves the Contractor from his obligation to furnish required items according to the Drawings and Specifications

4 Submit 6 copies of documents unless otherwise specified in the following paragraphs or in the Specifications

5 Revise and resubmit submittals as required Identify all changes made since previous submittal

6 The Contractor shall assume the risk for material or equipment, which is fabricated or delivered prior to approval No material or equipment shall be incorporated into the Work or included in periodic progress payments until approval has been obtained in the specified manner

B Transmittal Form and Numbering

1 Transmit each submittal to the Engineer with a Transmittal Form A copy of the Transmittal Form is attached at the end of this Section Submittals not containing the prescribed Transmittal Form will be returned without Engineer's Review

2 Sequentially number each transmittal form beginning with the number 1 Re-submittals shall use the original number with a decimal suffix (i e , 2.1 for first re-submittal of Submittal 2 or 15 3 for third re-submittal of Submittal 15) With the exception of defined systems, each submittal shall only contain one type of work, material, or equipment Mixed submittals will not be accepted

3 Identify variations from requirements of Contract Documents and identify product or system limitations

4 For submittal numbering of videotapes, see paragraph 1 10 Video

C Contractor's Stamp

1 Apply Contractor's stamp, certifying that the items have been reviewed in detail and are correct and in accordance with Contract Documents, except as noted by any requested variance

2 As a minimum, Contractor's Stamp shall include

a Contractor's name.

b. Job number

c Submittal number

d Certification statement that the Contractor has reviewed the submittal and it is in compliance with the Contract Documents

e Signature line for Contractor

1 03 SCHEDULE OF VALUES

A Submit a Schedule of Values in accordance with Section 01292 - Schedule of Values

1 04 CONSTRUCTION SCHEDULES

A Submit Construction Schedules as provided in Section 01326 – Construction Schedule (Bar Chart)

1 05 SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

A Submit shop drawings in accordance with Section 01340 - Shop Drawings, Product Data, and Samples

1 06 OPERATIONS AND MAINTENANCE DATA

A Submit Operations and Maintenance data in accordance with Section 01782 - Operations and Maintenance Data

1 07 MANUFACTURER'S CERTIFICATES

A When specified in Specification sections, submit manufacturers' certificate of compliance for review by Engineer

B Contractor's Stamp, as described in paragraph 1 02C, shall be placed on front page of the certification

C Submit supporting reference data, affidavits, and certifications as appropriate

D Certificates may be recent or previous test results on material or product, but must be acceptable to Engineer

1 08 CONSTRUCTION PHOTOGRAPHS

A Submit Construction Photographs to demonstrate progress on major project elements monthly with payment request

1 09 PROJECT RECORD DOCUMENTS

A Submit Project Record Documents in accordance with Section 01785 - Project Record Documents

1 10 VIDEO – As specified in relevant Section

1 11 DESIGN MIXES

A When specified in Specifications, submit design mixes for review

B Contractor's Stamp, as described in paragraph 1 02C, shall be placed on front page of each design mix

C Mark each design mix to identify proportions, gradations, and additives for each class and type of design mix submitted Include applicable test results on samples for each mix

D Maintain a copy of approved design mixes at mixing plant

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

TRANSMITTAL FORM

Date of Submittal _____

Project Name _____

Description of Submittal _____

Manufacturer/Supplier _____

Manufacturer/Supplier Site Delivery _____ weeks

Relevant Specification Section(s) _____

_____

Remarks

I certify that the above submitted items have been reviewed in detail and are correct and in accordance with the Contract Drawings and Specifications except as noted by the above variance

_____
(Contractor Signature)

For Brown & Gay Engineers, Inc use only	
Date Received	
Record No	
Submittal No	
Comments	

SECTION 01340
SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Methods, schedule, and process to be followed for shop drawings, product data and sample submittals

1 02 MEASUREMENT AND PAYMENT

A No separate payment will be made for work required under this Section Contractor will include all costs of the requirements of this Section in the appropriate bid item(s) on the Bid Form

1 03 REQUIREMENT

A Submit shop drawings, product data and samples as required by the General Conditions and as designated in the Specifications using the procedures specified in Section 01330 - Submittal Procedures and the requirements of this Section

B Shop drawings, product data and samples are not considered Contract Documents

1 04 SHOP DRAWING/SUBMITTAL SCHEDULE

A Submit a separate Shop Drawing/Submittal schedule at the same time the construction schedule is submitted. List products, materials and equipment for which Shop Drawings and other submittals are required in the order in which they appear in the Specifications. Including product data and sample submittals in schedule

1 05 SHOP DRAWINGS

A Submit shop drawings for review as required by the Specifications Have shop drawings reviewed and signed by a registered professional

B Place Contractor's Stamp on each drawing as described in Section 01330 - Submittal Procedures

C On the drawings, show accurately and distinctly, the following

1 Field and erection dimensions clearly identified as such,

2 Arrangement and section views,

3 Relation to adjacent materials or structure, including complete information for making connections between work under this Contract and work under other contracts,

4 Kinds of materials and finishes,

5 Parts list and descriptions,

6 Assembly drawings of equipment components and accessories showing their respective positions and relationships to the complete equipment package,

7 Where necessary for clarity, identify details by reference to drawing sheet and detail numbers, schedule or room numbers as shown on the Drawings

D Make drawings to scale providing a true representation of the specific equipment or item to be furnished

1 06 PRODUCT DATA

A Submit product data for review as required in Specification sections

B Place Contractor's Stamp, on each data item submitted, as described in Section 01330 - Submittal Procedures

C Mark each copy to identify applicable products, models, options to be used in this Project Supplement manufacturers' standard data to provide information unique to this Project, where required by the Specifications

D For products specified only by reference standard, give manufacturers, trade name, model or catalog designation and applicable reference standard

E Pre-approved and Pre-qualified Products

1 For "pre-approved", "pre-qualified" and "approved" products named in products list, provide appropriate list designation within 30 days after Notice to Proceed

2 For products proposed as alternates to "approved" products, provide information required to demonstrate the proposed products meet the level of quality and performance criteria of the "approved product"

1 07 SAMPLES

A Submit samples for review as required by the Specifications Have samples reviewed and signed by a registered professional

B Place Contractor's Stamp on each sample or a firmly attached sheet of paper, as described in Section 01330 - Submittal Procedures

C Submit the number of samples specified in Specifications, one of which will be retained by the Engineer

D Reviewed samples, which may be used in the Work, are identified in Specifications

1 08 SPECIFIC SUBMITTALS REQUIRED

A The Contractor is required to provide a submittal for any and all materials used for the completion of the work if that material or equipment differs in any way from the specifications contained in the Project Plans or in these Technical Specifications

B Submittals are required for the following items of equipment and material under any circumstances If items are grouped as a system, the submittal shall include all components of the system

1 Pipe and fittings
2 Valves
3 Concrete
4 Reinforcing Steel
5 Electrical (All)
6 Auto Sensory Controls
7 Equipment

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01410
TESTING LABORATORY SERVICES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Testing laboratory services and responsibilities related to those services

B Owner and Contractor responsibilities shall be as stated in Article 13 of the Standard General Conditions and as specified below

1 02 MEASUREMENT AND PAYMENT

A No Separate Payment will be made for work required under this section Contractor shall include the cost for this work with appropriate items included in the bid form

1 03 REFERENCES

A ASTM C 1077 - Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation

B ASTM D 3666 - Standard Specification for Minimum Requirements for Agencies Testing and Inspecting Bituminous Paving Materials

C ASTM D 3740 - Standard Practice for Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction

D ASTM E 329 - Specification for Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction

E ISO/TEC Guide 25 - General Requirements for the Competence of Calibration and Testing Laboratories

1 04 QUALIFICATION OF LABORATORY

A Meet laboratory requirements of ASTM E 329 and applicable requirements of ASTM C 1077, ASTM D 3666, and ASTM D 3740

B Meet the ISO/TEC Guide 25 conditions for accreditation by the American Association for Laboratory Accreditation (A2LA) in specific fields of testing required in individual Specification sections

C Where a laboratory subcontracts any part of the testing services. such work shall be placed with a laboratory complying with the requirements of this Section

1 05 LABORATORY REPORTS

A The testing laboratory shall provide and distribute copies of laboratory reports to the distribution list provided by the Engineer at the pre-construction conference

B One copy of each laboratory report distributed or faxed to the Contractor shall be kept at the site field office for the duration of the project

C Before close of business on the working day following test completion and review, reports that indicate failing test results shall be transmitted immediately via fax from the testing laboratory to the material supplier, Contractor, and the Engineer

1 06 LIMITS ON TESTING LABORATORY AUTHORITY

A Laboratory may not release, revoke, alter, or enlarge on requirements of Contract Documents

B Laboratory may not approve or accept any portion of the Work

C Laboratory may not assume any duties of the Contractor

D Laboratory has no authority to stop the Work

1 07 CONTRACTOR RESPONSIBILITIES

A Provide safe access to the Work and to manufacturer's facilities for the Engineer and for testing laboratory personnel

B Provide to the testing laboratory a copy of the construction schedule and a copy of each update to the construction schedule

C Notify the Engineer and the testing laboratory during normal working hours of the day previous to the expected time for operations requiring inspection and testing services If the Contractor fails to make timely prior notification, then the Contractor shall not proceed with the operations requiring inspection and testing services

D Notify the Engineer 24 hours in advance if the Specification requires the presence of the Engineer for sampling or testing

E Request and monitor testing as required to provide timely results and to avoid delay to the Work Provide samples to the laboratory in sufficient time to allow the required test to be performed in accordance with specified test methods before the intended use of the material

F Cooperate with laboratory personnel in collecting samples on site Provide incidental labor and facilities for safe access to the Work to be tested, to obtain and handle samples at the site or at source of products to be tested, and to facilitate tests and inspections including storage and curing of test samples

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION

3 01 CONDUCTING TESTING

A Laboratory sampling and testing specified in individual Specification sections shall conform to the latest issues of ASTM standards, TxDOT methods, or other recognized test standards as approved by the Engineer

B The requirements of this section shall also apply to those tests for approval of materials, for mix designs, and for quality control of materials as performed by the testing laboratories employed by the Contractor

END OF SECTION

SECTION 01450
CONTRACTOR'S QUALITY CONTROL

PART 1 GENERAL

1 01 SECTION INCLUDES

A Quality assurance and control of installation and manufacturer's field services and reports

1 02 MEASUREMENT AND PAYMENT

A No separate payment will made for this item Include the cost of Contractor's quality control in overhead cost for this project

1 03 QUALITY ASSURANCE/CONTROL OF INSTALLATION

A Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce Work of specified quality

B Comply fully with manufacturers' installation instructions, including each step in sequence

C Request clarification from Engineer before proceeding should manufacturers' instructions conflict with Contract Documents

D Comply with specified standards as minimum requirements for the Work except when more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship

E Perform work by persons qualified to produce the specified level of workmanship

1 04 REFERENCES

A Obtain copies of standards and maintain at job site when required by individual Specification sections

1 05 MANUFACTURERS' FIELD SERVICES AND REPORTS

A When specified in individual Specification sections, provide material or product suppliers' or manufacturers' technical representative to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, operator training, test, adjust, and balance of equipment as applicable, and to initiate operation, as required Conform to minimum time requirements for start-up operations and operator training if defined in Specification sections

B At the Engineer's request, submit qualifications of manufacturer's representative to Engineer 15 days in advance of required representative's services The representative shall be subject to approval of Engineer

C Manufacturer's representative shall report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions Submit report within 14 days of observation to Engineer for review

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

Section 01526
TRENCH SAFETY SYSTEMS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Trench safety system for the construction of trench excavations

B Trench safety system for structural excavations which fall under provisions of State and Federal trench safety laws

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 DEFINITIONS

A A trench is defined as a narrow excavation (in relation to its depth) made below the surface of the ground In general, the depth is greater than the width, but the width of a trench (measured at the bottom) is not greater than 15 feet

B The trench safety system requirements apply to larger open excavations if the erection of structures or other installations limits the space between the excavation slope and the installation to dimensions equivalent to a trench as defined

C Trench Safety Systems include both Protective Systems and Shoring Systems but are not limited to sloping, sheeting, trench boxes or trench shields, slide rail systems, sheet piling, cribbing, bracing, shoring, dewatering or diversion of water to provide adequate drainage

1 Protective Systems A method of protecting employees from cave-ins, from material that could fall or roll from an excavation face or into an excavation, or from the collapse of an adjacent structure

2 Shoring System A structure that supports the sides of an excavation and which is designed to prevent cave-ins, or to prevent movements of the ground affecting adjacent installations or improvements

3 Special Shoring A shoring system meeting Special Shoring Requirements for locations identified on the Drawings

1 04 SUBMITTALS

A Submittals shall conform to requirements of the applicable specification

B Submit a safety program specifically for the construction of trench excavation Design the trench safety program to be in accordance with OSHA 29 CFR 1926 650 – 1926 652 standards governing

the presence and activities of individuals working in and around trench excavations, and in accordance with any Special Shoring requirements at locations shown on the Drawings

C Have construction and shop drawings for trench safety systems sealed as required by OSHA by a licensed Professional Engineer retained and paid by the Contractor

D Review of the safety program by the Engineer will only be in regard to compliance with the Contract Documents and will not constitute approval by the Engineer nor relieve Contractor of obligations under State and Federal trench safety laws

1 05 REGULATORY REQUIREMENTS

A Install and maintain trench safety systems in accordance with OSHA standards, 29 CFR 1926 650 - 1926 652

B A reproduction of the OSHA standards included in "Subpart P - Excavations" from the Federal Register Vol 54, No 209 is available upon request to Contractors bidding on Owner's projects The Owner assumes no responsibility for the accuracy of the reproduction The Contractor is responsible for obtaining a copy of this section of the Federal Register

C Legislation that has been enacted by the Texas Legislature with regard to Trench Safety Systems, is hereby incorporated, by reference, into these specifications Refer to Chapter 756, Subchapter C, Health and Safety Code

D Reference materials, if developed for a specific project, will be issued with the Bid Documents, including the following

1 Geotechnical information obtained for use in design of the trench safety system
2 Special Shoring Requirements

1 06 INDEMNIFICATION

A Contractor shall indemnify and hold harmless the Owner, its employees, and agents, from any and all damages, costs (including, without limitation, legal fees, court costs, and the cost of investigation), judgments or claims by anyone for injury or death of persons resulting from the collapse or failure of trenches constructed under this Contract

B Contractor acknowledges and agrees that this indemnity provision provides indemnity for the Owner in case the Owner is negligent either by act or omission in providing for trench safety, including, but not limited to safety program and design reviews, inspections, failures to issue stop work orders, and the hiring of the Contractor

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION

3 01 INSTALLATION

A Install and maintain trench safety systems in accordance with provisions of OSHA 29 CFR 1926 650 - 1926 652

B Install specially designed trench safety systems shall be installed in accordance with the Contractor's trench excavation safety program for the locations and conditions identified in the program Install Special Shoring at the locations shown on the Drawings

C Obtain verification from a competent person, as identified in the Contractor's trench excavation safety program, that trench boxes and other premanufactured systems are certified for the actual installation conditions

3 02 INSPECTION

A Conduct daily inspections by Contractor or Contractor's independently retained consultant, of the trench safety systems to ensure that the installed systems and operations meet OSHA 29 CFR 1926 650 - 1926 652 and other personnel protection regulations requirements

B If evidence of possible cave-ins or slides is apparent, immediately stop work in the trench and move personnel to safe locations until necessary precautions have been taken to safeguard personnel

C Contractor shall maintain a permanent record of daily inspections

3 03 REMOVAL

A Bed and backfill pipe to a point at least one (1) foot above top of pipe or other embedded items prior to removal of any portion of trench safety system Bedding and backfill to be in accordance to the applicable specification items Backfilling and removal of trench supports shall be in accordance with Contractor's Trench Excavation and Shoring Safety Plan Removal of trench safety system to be accomplished in such a manner to cause no damage to pipe or other embedded items Remove no braces or trench supports until all personnel have evacuated the trench

3 04 FIELD QUALITY CONTROL

A Verify specific applicability of the selected or specially designed trench safety systems to each field condition encountered on the project

END OF SECTION

SECTION 01610
BASIC PRODUCT REQUIREMENTS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Requirements for transportation, delivery, handling, and storage of materials and equipment

1 02 PRODUCTS

A Products Means material, equipment, or systems forming the Work Does not include machinery and equipment used for preparation, fabrication, conveying and erection of the Work Products may also include existing materials or components designated for reuse

B Do not reuse materials and equipment, designated for removal, except as specified by the Contract Documents

C Provide equipment and components from the fewest number of manufacturers as is practical, in order to simplify spare parts inventory and to allow for maximum interchangeability of components For multiple components of the same size, type or application, use the same make and model of component throughout the project

1 03 TRANSPORTATION

A Make arrangements for transportation, delivery, and handling of equipment and materials required for timely completion of the Work

B Transport and handle products in accordance with instructions

C Consign and address shipping documents to the proper party by giving name of Project, street number, and Owner Shipments shall be delivered to the Contractor

1 04 DELIVERY

A Arrange deliveries of products to accommodate the short-term site completion schedules and in ample time to facilitate inspection prior to installation Avoid deliveries that cause lengthy storage or overburden of limited storage space

B Coordinate deliveries to avoid conflict with Work and conditions at the site and to accommodate the following

1 Work of other contractors or the Owner
2 Limitations of storage space
3 Availability of equipment and personnel for handling products
4 Owner's use of premises.

C Have products delivered to the site in manufacturer's original, unopened, labeled containers

D Immediately upon delivery, inspect shipment to assure

1 Product complies with requirements of Contract Documents
2 Quantities are correct
3 Containers and packages are intact, labels are legible
4 Products are properly protected and undamaged

1 05 PRODUCT HANDLING

A Coordinate the off-loading of materials and equipment delivered to the job site If necessary to move stored materials and equipment during construction, Contractor shall relocate materials and equipment at no additional cost to the Owner

B Provide equipment and personnel necessary to handle products, including those provided by the Owner, by methods to prevent damage to products or packaging

C Provide additional protection during handling as necessary to prevent breaking scraping, marring, or otherwise damaging products or surrounding areas

D Handle products by methods to prevent over bending or overstressing

E Lift heavy components only at designated lifting points

F Handle materials and equipment in accordance with Manufacturer's recommendations

G Do not drop, roll, or skid products off delivery vehicles Hand carry or use suitable materials handling equipment

1 06 STORAGE OF MATERIAL

A Store and protect materials in accordance with manufacturer's recommendations and requirements of these Specifications

B Make necessary provisions for safe storage of materials and equipment Place loose soil materials, and materials to be incorporated into the Work to prevent damage to any part of the Work or existing facilities and to maintain free access at all times to all parts of the Work and to utility service company installations in the vicinity of the Work Keep materials and equipment neatly and compactly stored in locations that will cause a minimum of inconvenience to other contractors, public travel, adjoining owners, tenants, and occupants Arrange storage in a manner to provide easy access for inspection

C Restrict storage to areas available on the construction site for storage of material and equipment as shown on Drawings or approved by the Engineer

D Provide off-site storage and protection when on-site storage is not adequate

E Do not use lawns, grass plots, or other private property for storage purposes without written permission of the owner or other person in possession or control of such premises

F Protect stored materials and equipment against loss or damage

G Store in manufacturers unopened containers

H Materials delivered and stored along the line of the Work shall be neatly, safely, and compactly stacked along the work site in such manner as to cause the least inconvenience and damage to property owners and the general public, and shall be not closer than 3 feet to any fire hydrant Public and private drives and street crossings shall be kept open

I Damage to lawns, sidewalks, streets or other improvements shall be repaired or replaced to the satisfaction of the Engineer The total length which materials may be distributed along the route of construction at any one time is 1000 lineal feet, unless otherwise approved in writing by the Engineer

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01630
PRODUCT SUBSTITUTION PROCEDURES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Options for making product or process selections

B Procedures for proposing equivalent construction products or processes, including pre-approved, pre-qualified, and approved products or processes

1 02 DEFINITIONS

A Product Means materials, equipment, or systems incorporated into the Project Product does not include machinery and equipment used for production, fabrication, conveying, and erection of the Work Products may also include existing materials or components designated for reuse

B Process Any proprietary system or method for installing system components resulting in an integral, functioning part of the Work For this Section, the word Product includes Processes

1 03 SELECTION OPTIONS

A Approved Products Construction products or processes of certain manufacturers or suppliers designated in the Specifications followed by the words "or approved equal " Approval of alternate products or processes not listed in the Specifications may be obtained through provisions for product options and substitutions in the Standard General Conditions, and by following the submittal procedures specified in 01330- Submittal Procedures The procedure for approval of alternate products is not applicable to pre-approved or pre-qualified products

B Product Compatibility: To the maximum extent possible, provide products that are of the same type or function from a single manufacturer, make, or source Where more than one choice is available as a Contractor's option, select a product that is compatible with other products already selected, specified, or in use by the Owner.

1 04 CONTRACTOR'S RESPONSIBILITY

A The Contractor's responsibility related to product options and substitutions are defined in the Standard General Conditions

B Furnish information that the Engineer deems necessary to judge equivalency of the alternate product

C Pay for laboratory testing, as well as any other review or examination costs, needed to establish the equivalency between products in order to obtain information upon which the Engineer can base a decision

D If the Engineer determines that an alternate product is not equal to that named in the Specifications, the Contractor shall furnish one of the specified products

1 05 ENGINEER'S REVIEW

A Alternate products or processes may be used only if approved in writing by the Engineer The Engineer's determination regarding acceptance of a proposed alternate product is final

B Alternate products will be accepted if the product is judged by the Engineer to be equivalent to the specified product or to offer substantial benefit to the Owner

C The Owner retains the right to accept any product or process deemed advantageous to the Owner, and similarly, to reject any product or process deemed not beneficial to the Owner

1 06 SUBSTITUTION PROCEDURE

A Collect and assemble technical information applicable to the proposed product to aid in determining equivalency as related to the approved product specified

B Submit a written request for a construction product to be considered as an alternate product

C Submit the product information after the effective date of the Agreement and within the time period allowed for substitution submittals given in the Standard General Conditions After the submittal period has expired, requests for alternate products will be considered only when a specified product becomes unavailable because of conditions beyond the Contractor's control

D Submit 3 copies of each request for alternate product approval Include the following information

1 Complete data substantiating compliance of proposed substitution with Contract Documents

2 For products

a Product identification, including manufacturer's name and address

b Manufacturer's literature with product description, performance and test data, and reference standards

c Samples, as applicable

d Name and address of similar projects on which product was used and date of installation Include the name of the Owner, Architect/Engineer, and installing contractor

3 For construction methods

a Detailed description of proposed method
b Drawings illustrating methods

4 Itemized comparison of proposed substitution with product or method specified

5 Data relating to changes in construction schedule

6 Relation to separate contracts, if any

7 Accurate cost data on proposed substitution in comparison with product or method specified

8 Other information requested by the Engineer

E Approved alternate products will be subject to the same review process as the specified product would have been for shop drawings, product data, and samples

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01770
CLOSEOUT PROCEDURES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Closeout procedures including adjustment of operating equipment, final inspection and defect correction, final submittals such as operation and maintenance data, final project cleaning, warranties, and spare parts and maintenance materials

1 02 CLOSEOUT PROCEDURES

A Provide Project Record Documents in accordance with Section 01785 – Project Record Documents

B Complete or correct items on punch list, with no new items added Any new items will be addressed during warranty period

C The Owner may occupy portions of the Work as specified in other Sections

1 03 FINAL CLEANING

A Execute final cleaning prior to final inspection

B For facilities, clean interior and exterior glass and surfaces exposed to view; remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces, vacuum carpeted and soft surfaces

C Clean equipment and fixtures to a sanitary condition

D Clean or replace filters of operating equipment

E Clean debris from roofs, gutters, downspouts, and drainage systems

F Clean site, sweep paved areas, rake clean landscaped surfaces

G Remove waste and surplus materials, rubbish, and temporary construction facilities from the site following the final test of utilities and completion of the work

1 04 ADJUSTING

A Adjust operating equipment to ensure smooth and unhindered operation The value of this testing and adjusting is 5 percent of the Lump Sum Price in the Schedule of Values for the item being tested

1 05 OPERATION AND MAINTENANCE DATA

A Submit operations and maintenance data as noted in 01330 - Submittal Procedures

B. Five percent of the lump sum amount of each piece of equipment as indicated in the Schedule of Unit Price Work or Schedule of Values will be paid after the required O&M data submissions are received and approved by the Engineer

1 06 WARRANTIES

A Provide one original of each warranty from Subcontractors, suppliers, and manufacturers

B Provide Table of Contents and assemble warranties in 3-ring/D binder with durable plastic cover

C Submit warranties prior to final Application for Payment

D Warranties shall commence upon the date of Final Acceptance

1 07 SPARE PARTS AND MAINTENANCE MATERIALS

A Provide products, spare parts, maintenance and extra materials in quantities specified in individual Specification sections

B Deliver to the Owner, obtain receipt prior to final Application for Payment

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01785
PROJECT RECORD DOCUMENTS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Maintenance and Submittal of Record Documents and Samples

1 02 MEASUREMENT AND PAYMENT

A No separate payment will be made for work required under this Section Contractor will include all costs of the requirements of this Section in the appropriate bid item(s) on the Bid Form

1 03 MAINTENANCE OF DOCUMENTS AND SAMPLES

A Maintain one record copy of documents at the site

B Store Record Documents and samples in field office if a field office is required by Contract Documents, or in a secure location Provide files, racks, and secure storage for Record Documents and samples

C Label each document "PROJECT RECORD" in neat, large, printed letters

D Maintain Record Documents in a clean, dry, and legible condition Do not use Record Documents for construction purposes

E Keep Record Documents and Samples available for inspection by Engineer

1 04 RECORDING

A Record information concurrently with construction progress Do not conceal any work until required information is recorded

B Contract Drawings and Shop Drawings Legibly mark each item to record all actual construction, or "as built" conditions, including

1 Measured depths of elements of foundation in relation to finish first floor datum

2 Measured horizontal locations and elevations of underground utilities, electrical duct banks, and appurtenances referenced to permanent surface improvements

3 Elevations of underground utilities referenced to an established benchmark (e g City of Houston, USGS, etc) utilized for project, or other BenchMark identified on the Plans

4 Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of construction

5 Field changes of dimension and detail

6 Changes made by modifications

7 Details not on original contract drawings

8 References to related shop drawings and Modifications

C Record information with a red felt-tip-marking pen on a set of blue line opaque drawings, provided by the Engineer

1 05 SUBMITTALS

A At contract closeout, deliver Project Record Documents to the Engineer

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

Section 02105
SOIL MANAGEMENT PLAN
POTENTIALLY CONTAMINATED SOIL/WATER MANAGEMENT

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Preparatory work related to excavation in the Potentially Petroleum Contaminated Area (PPCA) shown on the Drawings (Sheet 26).

B Sampling and analysis of site material within the PPCA

C Off-site disposal/recycling of contaminated soil and/or water from excavations in the PPCA

1.02 MEASUREMENT AND PAYMENT

A Unit Prices

1 Preparatory work is paid on a lump sum basis Item includes hiring environmental subcontractor(s), preparing Environmental Health and Safety Plan, preparing Environmental Work Plan, training personnel, and obtaining permits and additional insurance as applicable to the work

2 Underground Construction in PPCA

a Underground utility construction and appurtenances in the area identified within the PPCA limits on the Drawings (Sheet 26) is on a linear foot basis, other unit price basis, or lump sum basis as shown on the Bid Form

b Payment includes compensation for labor, equipment, and supervision for mobilization, environmental monitoring and field screening, handling, sampling, and testing of potentially contaminated soil and groundwater, and disposal of excess excavated soil, and groundwater, including that found to be contaminated. Contaminated soil may be Class I or Class II, non-hazardous industrial waste as defined by the Texas Commission on Environmental Quality (TCEQ) Potentially contaminated water will be that encountered during excavation for underground utilities within the PPCA limits on the Drawings (Sheet 26)

c Payment for transportation and disposal of Class I and/or Class II waste at approved facility is on a "truck" cubic yard basis

d No separate payment will be made for soil reused as backfill material.

e Payment for transportation and disposal of contaminated water at approved facility is on a per gallon basis

f Payment will be made upon acceptance of the work by the Project Manager

g Payment for disposal of soil and/or water determined to be contaminated will be made in accordance with the bid items upon receipt of documentation (e g waste disposal manifests) acceptable to Project Manager.

3 A force account for Extra Work within PPCA will be used to compensate for time and materials required for additional work associated with PPCA when directed by Project Manager to perform such work and for which there is no bid item Authorization and compensation for this work will be in accordance with Document 00700 – General Conditions

4 Refer to Measurement and Payment section for unit price procedures

1 03 REFERENCE STANDARDS

A Code of Federal Regulations (CFR), Title 40, Section 261 21 – Protection of the Environment

B CFR, Title 29, section 1910 120 – Occupational Safety and Health Administration, Department of Labor

C CFR, Title 29, Section 1926 - Occupational Safety and Health Administration, Department of Labor

D CFR, Title 40, Section 261, Appendix II – Protection of the Environment

E Texas Administrative Code (TAC), Title 30, Chapter 335 – Industrial Solid waste & Municipal Hazardous Waste

F TAC, Title 30, Chapter 334. – Underground and Aboveground Storage Tanks

G TAC, Tile 30, Chapter 106 53 – Exemptions from Permitting, Subchapter X Waste Processes and Remediation

H U.S Environmental Protection Agency (EPA), (SW-846) Test Methods for Evaluating Solid waste, Office of Solid Waste and Emergency Response, Washington, D C

1 04 DEFINITIONS

A Potentially Petroleum Contaminated Area (PPCA) An area within station to station locations identified on the Drawings (Sheet 26) where petroleum contamination is suspected in the soil and/or groundwater.

B Potentially Contaminated Soil Excavated soil that fails the screening procedures in Section 3 3

C. Class I Waste Soil containing physical evidence of contamination as described in Guidelines for the Classification and Coding of Industrial Waste and Hazardous Wastes (30 TAC, Sections 335 501- 515 (Subchapter R))

D Class II Waste Soil that contains contamination as described in Guidelines for the Classification and Coding of Industrial Waste and Hazardous Wastes (30 TAC, Sections 335 501- 515 (Subchapter R))

E Potentially Contaminated Groundwater Water recovered in an excavation located in the PPCA that contains visual or physical evidence of contamination, and such contamination has been verified by the Project Manager

1 05 SUBMITTALS

A Conform to requirements of Section 01330 – Submittal Procedures

B Submit an Environmental Work Plan within 30 days after issuance of notice to Proceed

1 The Environmental Work Plan shall be prepared by an environmental professional who has completed 40-hours of Health and Safety Training and the required annual refresher training, and has experience in preparing similar Environmental Work Plans

2 The Environmental Work Plan shall include the following items

a Proposed sequence of construction through the PPCA,

b Procedures for handling material from the PPCA;

c Proposed location of stockpile areas,

d Proposed recycle/disposal sites for Class I or II Soil or contaminated water with verification that each is properly licensed,

e Proposed haulers of Class I or II Soil or potentially contaminated water with verification each is properly licensed,

f Copy of permit for discharge of contaminated water in sanitary sewer system, if to be disposed in sanitary sewer

g. Name and qualifications of environmental professional for health, environmental, and safety issues regarding operations within the PPCA; and

h Proposed analytical laboratory with verification it is accredited by A2LA or other recognized association

3 Do not commence work in the PPCA until Environmental Work Plan has been reviewed and accepted by the Project Manager

C Submit Environmental Health and Safety Plan within 30 days after issuance of Notice to Proceed.

1 The Health and Safety Plan shall be prepared a Certified Industrial Hygienist (CIH), or a Certified Safety Professional (CSP)

2 Include methods and procedures for assuring work, which will be conducted under conditions expected in the field, is safe

D As work proceeds through the PPCA, submit field screening, monitoring and analytical laboratory test results on a daily basis Summarize test results in tables together with applicable regulatory criteria

1 06 PERSONNEL REQUIREMENTS

A Provide trained personnel who have completed minimum health and safety programs specified by the Occupational Safety and Health Administration in 29 CFR 1910 120 Before beginning work within the PPCA, each employee that will work within the PPCA is required to have completed 40 hours of health and safety training and the required annual refresher training

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION

3 01 POTENTIALLY PETROLEUM CONTAMINATED AREA (PPCA)

A Conduct operations in the PCAA in accordance with the accepted Environmental Work Plan, the Health and Safety Plan, and in accordance with this Section If areas are encountered outside the PPCA shown on the Drawings (Sheet 26), that are either detected or suspected to be potentially petroleum contaminated areas, immediately notify the Project Manager

B Immediately notify the project manager when ever potentially petroleum contaminated soil or potentially contaminated groundwater are encountered

1 Provide location, depth, type (soil or groundwater), source (if known), and evidence of suspected contamination

2 Determine if potentially contaminated soil or groundwater is present by visual or physical evidence of contamination Visual or physical evidence includes·

a Petroleum or chemical odor

b Soil or groundwater discoloration

c Material oozing/dripping into excavation

d Liquid or oily sheen on standing water

e Buried tanks, containers, or refuse

f Field screening (photoionization detector (PID)) readings in excess of 25 parts per million (ppm)

C Construct trench dams within utility trenches at each boundary of encountering contaminated material as directed by the Project Manager, including laterals, to reduce potential for contaminant to transport within pipe bedding and backfill material A trench dam shall consist of at least 24 linear inches of cement stabilized sand with 10 percent bentonite clay added, extending from 6 inches below bottom of trench to within 12 inches of topsoil or pavement

3 02 ENVIRONMENTAL MONITORING

A The Contractor shall monitor conditions in the PPCA, as specified in Item 3.3 –Screening Procedures, and the Contractor's Health and Safety plan Maintain safe working conditions in accordance with OSHA requirements (29 CFR 1926)

3.03 SCREENING PPCA SOILS

A The Contractor shall perform field screening of soil removed from excavations or tunneling in the PPCA, and stockpile potentially contaminated soil in accordance with the Contractor's approved Environmental Work Plan

B Screening Procedures

1. Utilize the "head space" method by placing the samples in a sealed plastic bag and place in a warm location for 15 minutes prior to screening.

2 Properly calibrate the PID instrument using a calibration gas, following the calibration procedures and frequency recommended by the instrument manufacturer

3 Open plastic bag just enough to insert the instrument probe and record maximum head space reading

4 Screen at least twice per hour while removing soil in open areas or shafts

5 During tunneling, screen once for each pipe length in pipe-jacked tunnels or each advance of tunneling shield in primary-lined tunnels

6 Stockpile potentially contaminated soil separately from clean excavated soil in accordance with the Contractor's Environmental Work Plan

3 04 SAMPLING AND TESTING

A. Frequency

1 Sample stockpiled potentially contaminated soil excavated from the PPCA at a rate of not less than one composite sample for every 20 cubic yards of soil stockpiled.

2 Sample potentially contaminated water at a frequency required by the receiving facility

B Analyze soil samples for parameters required by the receiving disposal/recycling facility.

C Analyze water samples for the parameters required by the receiving disposal facility

D Conduct laboratory analysis on soil and water samples using proposed analytical testing laboratory listed in Contractor's Environmental Work Plan

3 05 AIR MONITORING REQUIREMENTS

A Ensure health and safety of workers at the construction site in accordance with the Contractor's Environmental Health and Safety Plan. Maintain air quality within the PPCA to conform to exposure limits specified in 29 CFR, Section 1910 120, enforceable by OSHA

B Provide adequate shoring and sufficient escape ladders in accordance with applicable trench safety regulatory requirements.

3 06 HANDLING CLASS I and II SOILS

A Place potentially contaminated soil in designated stockpile area(s), pending receipt of analytical results and receipt of authorization from the disposal site for final disposal/recycling

1 Do not commingle potentially contaminated soil with clean soil

2 Place stockpile on an impervious area free of sharp objects, monitor wells, utility manholes or any other access routes to the subsurface The Contractor shall place the soil on 20-mil, or thicker, plastic sheeting and cover the pile with 20-mil plastic sheeting The cover should be adequately held in place, and a berm constructed around the stockpile if necessary, to prevent migration of potentially contaminated soil and storm water

3 Secure stockpiles using temporary fencing or other means of controlling access

4 Do not stockpile soil for greater than 30 days unless approved by the Project Manager

B Sample and test potentially contaminated materials in accordance with Item 3 4 – Sampling and Testing.

C Do not place contaminated soil determined to be Class I waste back into excavations Properly dispose of Class I waste at facility listed in Contractor's Environmental Work Plan Soil determined to be Class II as defined by the Texas Commission on Environmental Quality (TCEQ) in their Guidelines for Classification and Coding of Industrial Wastes and Hazardous Wastes (30 TAC, Sections 335.501- 515 (Subchapter R)) can be reused as backfill material provided

1 Soil is reused in the same area from which it originated at depths greater than 30 inches below top of pavement, finished grade or ditch flow line, whichever is lower

2 Soil has suitable engineering properties for backfill material as specified elsewhere in the project specifications

3 Soil does not have indications of impact by contamination other than petroleum.

D Do not spread soil determined to be Class I or Class II on the ground surface

E Transport Class I or II waste in accordance with Department of Transportation (DOT) and TCEQ rules and regulations

F Clean or pressure wash dump trucks, bulldozers, backhoes, and other large equipment prior to use in uncontaminated areas after being used in the PPCA

3 07 HANDLING WATER

A Handle, test, treat, and discharge potentially contaminated water to sanitary sewer in accordance with Industrial Wastewater Discharge Permit requirements from the City, or have the water evacuated and hauled for off-site treatment and disposal at a TCEQ-permitted facility listed in Contractor's Environmental Work Plan.

B Transport contaminated water in accordance with DOT and TCEQ rules and regulations Use DOT-licensed carrier for transport listed in Contractor's Environmental work Plan Obtain signed manifests for disposal/recycling from the receiving facility and provide originals to Project Manager

C Furnish laboratory reports to project Manager within one week of sample date

3 08 DISPOSAL OF SOIL

A Dispose/recycle excess excavated soil determined to be contaminated by testing at TCEQ-permitted facility listed in Contractor's Environmental Work Plan and in accordance with this section

B Obtain signed manifests for soil disposal/recycling from the receiving facility and provide originals to Project Manager

3 09 FIELD DOCUMENTAION

A The following field documentation, record keeping, and reporting are required to be maintained throughout the work by the Contractor in the PPCA, and be submitted to Project manager upon request and at project close out

1 Field Screening Records

2 Analytical Laboratory Test Reports

3 Disposal/Recycling Manifests

4 Record Drawing showing limits of contaminated material encountered

5 Any corrections/revisions to the SMP

END OF SECTION

Section 02227
EXCAVATION AND BACKFILL FOR UTILITIES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Excavation, trenching, foundation, embedment, and backfill for installation of utilities

1 02 UNIT PRICES

A No additional payment will be made for trench excavation, embedment and backfill Include payment in the unit price for installed underground piping, sewer, conduit, or duct work

B No separate or additional payment will be made for surface water control, or for excavation drainage Include payment in the unit price for the installed piping, sewer, conduit, or duct work

C Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 DEFINITIONS

A Pipe Foundation Suitable and stable native soils that are exposed at the trench subgrade after excavation to depth of bottom of the bedding as shown on the Drawings, or foundation backfill material placed and compacted in over-excavations

B Pipe Bedding The portion of trench backfill that extends vertically from top of foundation up to a level line at bottom of pipe, and horizontally from one trench sidewall to opposite sidewall

C Haunching The material placed on either side of pipe from top of bedding up to springline of pipe and horizontally from one trench sidewall to opposite sidewall

D Initial Backfill The portion of trench backfill that extends vertically from springline of pipe (top of haunching) up to a level line 12 inches above top of pipe, and horizontally from one trench sidewall to opposite sidewall

E Pipe Embedment The portion of trench backfill that consists of bedding, haunching and initial backfill

F Trench Zone The portion of trench backfill that extends vertically from top of pipe embedment up to pavement subgrade or up to final grade when not beneath pavement

G Unsuitable Material Unsuitable soil materials are the following

1 Materials that are classified as ML, CL-ML, MH, PT, OH and OL according to ASTM D 2487

2 Materials that cannot be compacted to required density due to either gradation, plasticity, or moisture content

3 Materials that contain large clods, aggregates, stones greater than 4 inches in any dimension, debris, vegetation, waste or any other deleterious materials

4 Materials that are contaminated with hydrocarbons or other chemical contaminants

H Suitable Material Suitable soil materials are those meeting specification requirements Unsuitable soils meeting specification requirements for suitable soils after treatment with lime or cement are considered suitable, unless otherwise indicated

I Backfill Suitable material meeting specified quality requirements, placed and compacted under controlled conditions

J Ground Water Control Systems Installations external to trench, such as well points, eductors, or deep wells Ground water control includes dewatering to lower ground water, intercepting seepage which would otherwise emerge from side or bottom of trench excavation, and depressurization to prevent failure or heaving of excavation bottom Refer to applicable specification

K Surface Water Control Diversion and drainage of surface water runoff and rain water away from trench excavation Rain water and surface water accidentally entering trench shall be controlled and removed as a part of excavation drainage

L Excavation Drainage Removal of surface and seepage water in trench by sump pumping and using a drainage layer, as defined in ASTM D 2321, placed on the foundation beneath pipe bedding or thickened bedding layer of Class I material

M Trench Conditions are defined with regard to the stability of trench bottom and trench walls of pipe embedment zone. Maintain trench conditions that provide for effective placement and compaction of embedment material directly on or against undisturbed soils or foundation backfill, except where structural trench support is necessary

1 Dry Stable Trench Stable and substantially dry trench conditions exist in pipe embedment zone as a result of typically dry soils or achieved by ground water control (dewatering or depressurization) for trenches extending below ground water level

2 Stable Trench with Seepage Stable trench in which ground water seepage is controlled by excavation drainage

a Stable Trench with Seepage in Clayey Soils Excavation drainage is provided in lieu of or to supplement ground water control systems to control seepage and provide stable trench subgrade in predominately clayey soils prior to bedding placement

b Stable Wet Trench in Sandy Soils Excavation drainage is provided in the embedment zone in combination with ground water control in predominately sandy or silty soils

3 Unstable Trench Unstable trench conditions exist in the pipe embedment zone if ground water inflow or high water content causes soil disturbances, such as sloughing, sliding, boiling, heaving or loss of density

N Subtrench Subtrench is a special case of benched excavation Subtrench excavation below trench shields or shoring installations may be used to allow placement and compaction of foundation or embedment materials directly against undisturbed soils Depth of a subtrench depends upon trench stability and safety as determined by the Contractor

O Trench Dam A placement of low permeability material in pipe embedment zone or foundation to prohibit ground water flow along the trench

P Over-Excavation and Backfill Excavation of subgrade soils with unsatisfactory bearing capacity or composed of otherwise unsuitable materials below top of foundation as shown on Drawings, and backfilled with foundation backfill material

Q Foundation Backfill Materials Natural soil or manufactured aggregate of controlled gradation, and geotextile filter fabrics as required, to control drainage and material separation Foundation backfill material is placed and compacted as backfill to provide stable support for bedding Foundation backfill materials may include concrete seal slabs

R Trench Safety Systems include both Protective Systems and Shoring Systems as defined in Section 01526 - Trench Safety Systems

S Trench Shield (Trench Box) A portable worker safety structure moved along the trench as work proceeds, used as a Protective System and designed to withstand forces imposed on it by cave-in, thereby protecting persons within the trench Trench shields may be stacked if so designed or placed in a series depending on depth and length of excavation to be protected

T Shoring System A structure that supports sides of an excavation to maintain stable soil conditions and prevent cave-ins, or to prevent movements of the ground affecting adjacent installations or improvements

1 04 SCHEDULING

A Schedule work so that pipe embedment can be completed on the same day that acceptable foundation has been achieved for each section of pipe installation, manhole, or other structures

1 05 SUBMITTALS

A Conform to applicable specification

B Submit a written description for information only of the planned typical method of excavation, backfill placement and compaction, including

1 Sequence of work and coordination of activities

2 Selected trench widths

3 Procedures for foundation and embedment placement, and compaction

4 Procedure for use of trench boxes and other premanufactured systems while assuring specified compaction against undisturbed soil

5 Procedure for installation of Special Shoring at locations identified on the Drawings

C Submit a ground and surface water control plan in accordance with requirements in this Section and other applicable specification

D Submit backfill material sources and product quality information in accordance with requirements of Section 02229 - Utility Backfill Materials

E Submit a trench excavation safety program in accordance with requirements of Section 01526 - Trench Safety System Include designs for special shoring meeting the requirements defined in Paragraph 1 03 of Section 01526

F Submit record of location of utilities as installed, referenced to survey control points Include locations of utilities encountered or rerouted Give stations, horizontal dimensions, elevations, inverts, and gradients

1 06 TESTS

A Perform backfill material source qualification testing in accordance with requirements of Section 02229 - Utility Backfill Materials

B Testing and analysis of backfill materials for soil classification and compaction during construction will be performed by an independent laboratory provided by the Owner in accordance with requirements of applicable specification and as specified in this Section

1 07 PROTECTION

A Protect trees, shrubs, lawns, existing structures, and other permanent objects outside of grading limits and within the grading limits as designated on the Drawings, and in accordance with requirements of applicable specification

B Protect and support above-grade and below-grade utilities which are to remain

C Restore damaged permanent facilities to pre-construction conditions unless replacement or abandonment of facilities are indicated on the Drawings

1 08 SPECIAL SHORING DESIGN REQUIREMENTS

A Have Special Shoring designed or selected by the Contractor's Professional Engineer to provide support for the sides of the excavations, including soils and hydrostatic ground water pressures as applicable, and to prevent ground movements affecting adjacent installations or improvements such as structures, pavements and utilities Special shoring may be a premanufactured system selected by the Contractors Professional Engineer to meet the project site requirements based on the manufacturer's standard design

PART 2 PRODUCTS

2 01 EQUIPMENT

A Perform excavation with hydraulic excavator or other equipment suitable for achieving the requirements of this Section.

B Use only hand-operated tamping equipment until a minimum cover of 12 inches is obtained over pipes, conduits, and ducts Do not use heavy compacting equipment until adequate cover is attained to prevent damage to pipes, conduits, or ducts

C Use trench shields or other Protective Systems or Shoring Systems which are designed and operated to achieve placement and compaction of backfill directly against undisturbed native soil

D Use Special Shoring systems where required which may consist of braced sheeting, braced soldier piles and lagging, slide rail systems, or other systems meeting the Special Shoring design requirements

2 02 MATERIAL CLASSIFICATIONS

A Embedment and Trench Zone Backfill materials Conform to the classifications and product descriptions of Section 02229 - Utility Backfill Materials

B Concrete Backfill Conform to requirements for Class B concrete as specified in the pertinent Section

C Geotextile (Filter Fabric) Conform to requirements of applicable specification.

D Concrete for Trench Dams Concrete backfill or 3 sack premixed (bag) concrete

E Timber Shoring Left in Place Untreated oak

PART 3 EXECUTION

3 01 STANDARD PRACTICE

A Install flexible pipe, including "semi-rigid" pipe, to conform to standard practice described in ASTM D 2321, and as described in this Section Where an apparent conflict occurs between the standard practice and the requirements of this Section, this Section governs

B Install rigid pipe to conform with standard practice described in ASTM C 12, and as described in this Section Where an apparent conflict occurs between the standard practice and the requirements of this Section, this Section governs

3 02 PREPARATION

A Establish traffic control to conform with requirements of applicable specification Maintain barricades and warning lights for streets and intersections where Work is in progress or where affected by the Work, and is considered hazardous to traffic movements

B Perform Work to conform with applicable safety standards and regulations Employ a trench safety system as specified in Section 01526 - Trench Safety Systems

C Immediately notify the agency or company owning any existing utility line which is damaged, broken, or disturbed Obtain approval from the Engineer and agency for any repairs or relocations, either temporary or permanent

D Remove existing pavements and structures, including sidewalks and driveways, to conform with requirements of applicable specification

E Install and operate necessary dewatering and surface water control measures to conform with applicable specification

F Maintain permanent benchmarks, monumentation, and other reference points Unless otherwise directed in writing, replace those which are damaged or destroyed in accordance with applicable specification

G PREPARATION Complete, as incidental to construction, site preparation work including clearing and grubbing, removal and disposal of trash, rubbish, debris, and minor obstacles to construction, relocation of savable items, stripping topsoil within excavation areas, stockpiling topsoil, and, after construction, spreading topsoil over disturbed areas as required and finishing and grading surface within construction areas

H Perform a Potential Conflict Investigation at all critical locations Locate existing utilities ahead of pipe laying activities Notify Engineer in writing immediately upon identification of any conflict In the event, Contractor will not be entitled to extra cost for downtime including, but not limited, payroll, equipment, overhead demobilization and remobilization

3 03 EXCAVATION

A Except as otherwise specified or shown on the Drawings, install underground utilities in open cut trenches with vertical sides

B Perform excavation work so that pipe, conduit, and ducts can be installed to depths and alignments shown on the Drawings Avoid disturbing surrounding ground and existing facilities and improvements Excavate trench so that pipe is centered in trench Do not obstruct sight distance for vehicles utilizing roadways or detours with stockpiled materials

C Determine trench excavation widths using the following schedule (as a minimum) as related to pipe outside diameter (O D) or as shown on the drawings Maximum trench width shall be the minimum trench width plus 24 inches

Nominal Pipe Size, Inches	Minimum Trench Width, Inches
Less than 18	O D + 18
18 to 30	O D + 24
Greater than 30	O D + 36

D Use sufficient trench width or benches above the embedment zone for installation of well point headers or manifolds and pumps where depth of trench makes it uneconomical or impractical to pump from the surface elevation Provide sufficient space between shoring cross braces to permit equipment operations and handling of forms, pipe, embedment and backfill, and other materials

E Upon discovery of unknown utilities, badly deteriorated utilities not designated for removal, or concealed conditions, discontinue work at that location Notify the Engineer and obtain instructions before proceeding

F Shoring of Trench Walls

1 Install Special Shoring in advance of trench excavation or simultaneously with the trench excavation, so that the soils within the full height of the trench excavation walls will remain fully laterally supported at all times

2 For all types of shoring, support trench walls in the pipe embedment zone throughout the installation Provide trench wall supports sufficiently tight to prevent washing the trench wall soil out from behind the trench wall support

3 Unless otherwise directed by the Engineer, leave sheeting driven into or below the pipe embedment zone in place to preclude loss of support of foundation and embedment materials Leave rangers. walers, and braces in place as long as required to support sheeting, which has been cut off, and the trench wall in the vicinity of the pipe zone

4 Employ special methods for maintaining the integrity of embedment or foundation material Before moving supports, place and compact embedment to sufficient depths to provide protection of pipe and stability of trench walls As supports are moved. finish placing and compacting embedment

5 If sheeting or other shoring is used below top of the pipe embedment zone, do not disturb pipe foundation and embedment materials by subsequent removal Maximum thickness of removable sheeting extending into the embedment zone 1 inch Fill voids left on removal of supports with compacted backfill material

G Use of Trench Shields When a trench shield (trench box) is used as a worker safety device, the following requirements apply

1 Make trench excavations of sufficient width to allow shield to be lifted or pulled freely, without damage to the trench sidewalls

2 Move trench shields so that pipe, and backfill materials, after placement and compaction, are not damaged nor disturbed. nor the degree of compaction reduced

3 When required, place, spread, and compact pipe foundation and bedding materials beneath the shield. For backfill above bedding, lift the shield as each layer of backfill is placed and spread Place and compact backfill materials against undisturbed trench walls and foundation

4 Maintain trench shield in position to allow sampling and testing to be performed in a safe manner

H Cover

1 Provide 24 in Minimum cover over top of pipe where surface grades are definitely established and 30 in in other locations

2 Greater depth of cover may be necessary on vertical curves or to provide necessary clearance beneath pipes, conduits, drains, drainage structures or other obstructions encountered at normal pipe grades

3 For water mains, provide 4 ft minimum cover unless noted otherwise

4 Measure depth of backfill cover vertically from top of pipe to finish ground or pavement surface elevations

I Trenching

1 Excavation for pipe stubs to be laid transversely across streets may be made with trench hoe

2 Where surface or underground obstructions make excavation inaccessible to trenching machine, trench hoe may be used

3. Where trench hoe is used, do not use excavated material composed of large chunks and clods for backfill

4 No excavated material will be stockpiled along trench or on paved surfaces Load excavated material into dump truck as trench is excavated

5 Topsoil excavated from the trench shall be returned to trench to be used as backfill material for the top 12 inches of the trench

6 For trench excavations requiring cement stabilized sand backfill to subgrade of pavement, stockpiling of cement stabilized sand on pavement is not permitted

J Voids under paving area outside shield will require removal of pavement, consolidation and replacement of pavement in accordance with Contract Documents Repair damage resulting from failure to provide adequate supports

K Place sand or soil behind shoring or trench shield to prevent soil outside shoring from collapsing and causing voids under pavement Immediately pack suitable material in outside voids following excavation to avoid caving of trench walls

L Do not use excavators with side cutters installed while working within 15 feet of pipeline company's pipeline Use a small, rubber-tired excavator, such as a backhoe, to do exploratory excavation Bucket that is used to dig in close proximity to pipelines shall not have teeth or shall have a guard installed over teeth to approximate a bucket without teeth Excavate by hand within 1 foot of pipeline company's line Do not use larger excavation equipment normally used to dig water main trench in vicinity of pipeline until all pipelines have been uncovered and fully exposed

Do not place large excavation and hauling equipment directly over pipelines unless approved by pipeline company's representative

M Regrade adjacent ground surfaces where surfaces have been disturbed during construction operations to original and matching grades

N Trees and shrubs designated to remain that sustain cutting or injury to roots, trunk , or limbs shall be pruned by a tree surgeon and cut or injury painted with asphaltic horticultural coating without cost to Owner

O Perform repair on pipe in locations shown on plans/specifications

P Where pipe is to be installed in fill, complete area fill and compaction to an elevation not less than 1 ft above top of pipe before open-cut excavation and trenching for pipe

Q Excavate adequate but not excessive working space and clearances for installation of work and form removal

R Allow not less than 6 in clearance in horizontal dimensions of excavations for outside plastering of manholes and similar structures constructed of masonry units

S Do not undercut excavation faces for extended footings of structures

T Excavate by hand within 2 ft of existing utility to remain.

U BLASTING Use of explosions will not be permitted

V UNAUTHORIZED EXCAVATION· Refill excavation below subgrade elevations with tamped sand, gravel, cement stabilized sand, or concrete

3 04 HANDLING EXCAVATED MATERIALS

A Use only excavated materials which are suitable as defined in this Section and conforming with Section 02229 - Utility Backfill Materials Place material suitable for backfilling in stockpiles at a distance from the trench to prevent slides or cave-ins.

B When required. provide additional backfill material conforming with requirements of Section 02229 - Utility Backfill Materials

C Do not place stockpiles of excavated materials on streets and adjacent properties Maintain site conditions in accordance with applicable specification

D Dispose of unsuitable excavated materials off-site in legal manner

E Excess excavated material shall become the property of the contractor to be disposed of off-site in a legal manner

3 05 GROUND WATER CONTROL

A Implement ground water control according to applicable specification Provide a stable trench to allow installation in accordance with the Specifications

3 06 TRENCH FOUNDATION

A Excavate bottom of trench to uniform grade to achieve stable trench conditions and satisfactory compaction of foundation or bedding materials

B Place trench dams in Class I foundations in line segments longer than 100 feet between manholes, and not less than one in every 300 feet of pipe placed Install additional dams as needed to achieve workable construction conditions Do not place trench dams closer than 5 feet from manholes

C Where rock or other incompressible material is encountered, remove material to depth 6 in below subgrade and backfill with tamped sand, gravel, or concrete

D Reinforce trench bottoms or subgrade surfaces for concrete structures which are solid, but which become mucky on top due to construction operations with specified sand

E Use only tamped sand, gravel, or concrete to bring fills to lines and grades indicated and for replacing unsatisfactory materials

3 07 PIPE EMBEDMENT PLACEMENT AND COMPACTION

A Immediately prior to placement of embedment materials, the bottoms and sidewalls of trenches shall be free of loose, sloughing, caving, or otherwise unsuitable soil

B Place geotextile to prevent particle migration from the in-situ into open-graded (Class I) embedment materials or drainage layers

C Place embedment including bedding, haunching and initial backfill to meet requirements indicated on Drawings

D For pipe installation, manually spread embedment materials around the pipe to provide uniform bearing and side support when compacted Do not allow materials to free-fall from heights greater than 24 inches above top of pipe Perform placement and compaction directly against the undisturbed soils in the trench sidewalls, or against sheeting which is to remain in place

E Do not place trench shields or shoring within height of the embedment zone unless means to maintain the density of compacted embedment material are used If moveable supports are used in embedment zone, lift the supports incrementally to allow placement and compaction of the material against undisturbed soil

F Do not damage coatings or wrappings of pipes during backfilling and compacting operations When embedding coated or wrapped pipes, do not use crushed stone or other sharp, angular aggregates

G Place haunching material manually around the pipe and compact it to provide uniform bearing and side support If necessary, hold small-diameter or lightweight pipe in place during compaction of haunch areas and placement beside the pipe with sand bags or other suitable means

H Place electrical conduit directly on foundation without bedding

I Shovel pipe embedment material in place and compact it using pneumatic tampers in restricted areas, and vibratory-plate compactors or engine-powered jumping jacks in unrestricted areas Compact each lift before proceeding with placement of the next lift

1 Class I embedment materials.

a Maximum 6-inches compacted lift thickness

b Systematic compaction by at least two passes of vibrating equipment Increase compaction effort as necessary to effectively embed the pipe to meet the deflection test criteria

c Moisture content as determined by Contractor for effective compaction without softening the soil of trench bottom, foundation or trench walls

2 Class II embedment and cement stabilized sand

a Maximum 6-inches compacted thickness

b Compaction by methods determined by Contractor to achieve a minimum of 95 percent of the maximum dry density as determined according to ASTM D 698 for Class II materials and according to ASTM D 558 for cement stabilized materials

c Moisture content of Class II materials within 3 percent of optimum as determined according to ASTM D 698 Moisture content of cement stabilized sands on the dry side of optimum as determined according to ASTM D 558 but sufficient for effective hydration

J Place trench dams in Class I embedments in line segments longer than 100 feet between manholes, and not less than one in every 500 feet of pipe placed Install additional dams as needed to achieve workable construction conditions Do not place trench dams closer than 5 feet from manholes

3 08 TRENCH ZONE BACKFILL PLACEMENT AND COMPACTION

A Place backfill for pipe or conduits and restore surface as soon as practicable Leave only the minimum length of trench open as necessary for construction

B Where damage to completed pipe installation work is likely to result from withdrawal of sheeting, leave the sheeting in place Cut off sheeting 1 5 feet or more above the crown of the pipe Remove trench supports within 5 feet from the ground surface

C For sewer pipes, use backfill materials described here as determined by trench limits As trench zone backfill in paved areas for streets and to one foot back of curbs and pavements, use cement stabilized sand for pipe of nominal sizes less than 36 inches, or bank run sand for pipe of nominal

sizes 36 inches and larger or as indicated on the Drawings Uniformly backfill trenches partially within limits one foot from streets and curbs according to the paved area criteria Use select backfill within one foot below pavement subgrade for rigid pavement For asphalt concrete or limestone roadway, use flexible base material within one foot below pavement subgrade

D For water lines, backfill in trench zone, including auger pits, with bank run sand, select fill material as specified in Section 02229 - Utility Backfill materials

E For trench excavations under pavement, place trench zone backfill in lifts and compact by methods indicated below or as stated on the plans Fully compact each lift before placement of the next lift

1 Bank run sand

a Maximum 9-inches compacted lift thickness

b Compaction by vibratory equipment to a minimum of 95 percent of the maximum dry density determined according to ASTM D 698

c. Moisture content within 3 percent of optimum determined according to ASTM D 698

2 Cement-stabilized sand

a Place backfill in 8 in maximum layers to achieve uniform placement and required compaction

b Compaction by vibratory equipment to a minimum of 95 percent of the maximum dry density determined according to ASTM D 558

c Moisture content on the dry side of optimum determined according to ASTM D 558 but sufficient for cement hydration

3 Select fill

a Maximum 6-inches compacted thickness

b Compaction by equipment providing tamping or kneading impact to a minimum of 95 percent of the maximum dry density determined according to ASTM D 698

c Moisture content within 2 percent of optimum determined according to ASTM D 698

d Add backfill material as necessary where backfill settled below ground surface

F Do not backfill with wet, mucky, or unsuitable materials or with large rocks or clods of material

G Trench backfill above pipe embedment shall conform to requirements for type and location of pipe as shown on the drawing

H Place backfill material to minimum depth 12 in above pipe before ceasing backfilling operations for day

I Base Material Backfill for Patching of Existing Pavement Provide 12 in of base material

J Flooding of backfill for compaction (water tamping) is not acceptable Obtain compaction by mechanical means which allows access to all areas of backfill

3 09 MANHOLES, JUNCTION BOXES AND OTHER PIPELINE STRUCTURES

A Meet the requirements of adjoining utility installations for backfill of pipeline structures, as shown on the Drawings

3 10 FIELD QUALITY CONTROL

A Test for material source qualifications as defined in Section 02229 - Utility Backfill Materials

B Provide excavation and trench safety systems at locations and to depths required for testing and retesting during construction

C Laboratory Quality Control by Contractor

1 Establish optimum moisture-maximum density curve for bedding and backfill material, ASTM D 698

a For those soils which will not exhibit a well defined moisture-density relationship, determine maximum and minimum index densities of the soil, ASTM D4253 and D4254, for calculation of the relative density of the soil in the field

2 Establish optimum moisture-maximum density curve, ASTM D 698, Atterberg Limits, ASTM D 4318, and sieve analysis, ASTM D 422 for the following

a Borrow bedding and backfill material to be used.

b Excavated material of questionable suitability for use as bedding and backfill material

3 One optimum moisture-maximum density curve, ASTM D 698, shall be established for each significant change in materials

4 Bedding and backfill materials which do not meet specified requirements shall be replaced with suitable materials

D Field Quality Control by Owner

1 Laboratory density testing of trench backfill

a One field in-place density test per 500 linear ft of trench for each fill layer

b One field in-place density test per 150 linear ft of trench for each fill layer under existing or proposed paved areas and at least one test per fill layer at each road crossing

2 Laboratory density testing of general fill One field in-place density test per 100 cu yds of fill placed

3 Field in-place density tests shall be in compliance with ASTM D 1556, ASTM D 2922, or ASTM D 2167

E Submit minimum 10 lb Samples of any borrow bedding and backfill material to be used to materials testing laboratory

F Recondition, recompact, and retest at Contractor's expense if tests indicate Work does not meet specified compaction requirements For hardened soil cement with nonconforming density, core and test for compressive strength at Contractor's expense

G Acceptability of crushed rock compaction will be determined by inspection

3 11 DISPOSAL OF EXCESS MATERIAL

A Dispose of excess materials in accordance with requirements of applicable specification

3 12 POTENTIAL OBSTRUCTION INVESTIGATION

A Horizontal and vertical location of various underground lines shown on Drawings, including but not limited to water mains, gas lines, storm sewers, sanitary sewers, telephone lines, electric lines or power ducts, pipelines (petrochemical or petroleum product), concrete and debris, are based on best information available but are only approximate locations At critical locations field verify horizontal and vertical locations of such lines within a zone 2 feet vertically and 4 feet horizontally of proposed main Verify location of existing utilities prior to commencing construction Use extreme caution and care when uncovering these lines Any damage to known on unknown utilities or obstructions occurring during "Potential Obstruction Investigation" will be full responsibility of Contractor No separate payment shall be made for performing such efforts

B Prior to actual field verification phase, notify all utility companies involved and request that their respective utility lines be marked in field If any utility or pipeline company requires their line be excavated, or exposed prior to construction, comply with that request and utilize a methodology approved by the said company in locating or exposing their lines Provide Engineer with 48 hours notice prior to any field excavation or related work

C Once known, unknown or potential obstructions have been uncovered, survey vertical and horizontal locations relative to project baseline and datum and plot on 11" X 17" copy of Drawings

D Submit 11" X 17" copy of Drawing with plotted utility or obstruction location titled "Potential Obstruction Report" to Engineer before or simultaneous with pipe shop drawing submittal

E Engineer will promptly review "Potential Obstruction Report" and approve construction of proposed main as designed or modify design if necessary Contractor will be promptly notified of any design modifications

END OF SECTION

Section 02229
UTILITY BACKFILL MATERIALS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Material Classifications

B Utility Backfill Materials

1 Concrete sand
2 Gem sand
3 Pea gravel
4 Crushed stone.
5 Crushed concrete
6 Bank run sand
7 Select backfill
8 Random backfill

C Material handling and quality control requirements

1 02 UNIT PRICES

A No payment will be made for backfill material unless specifically listed in the bid proposal Include payment in unit price for applicable utility installation.

B Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 DEFINITIONS

A Backfill Suitable material meeting specified quality requirements for the designated application as embedment or trench zone backfill

B Embedment Material placed under controlled conditions within the embedment zone extending vertically upward from top of foundation to an elevation 12 inches above top of pipe, and including pipe bedding, haunching and initial backfill

C Trench Zone Backfill Material meeting specified quality requirements and placed under controlled conditions in the trench zone from top of embedment zone to base course in paved areas or to the surface grading material in unpaved areas

D Foundation Either suitable soil of the trench bottom, or material placed as backfill of over-excavation for removal and replacement of unsuitable or otherwise unstable soils

E Source A source selected by the Contractor for supply of embedment or trench zone backfill material A selected source may be the project excavation, off-site borrow pits, commercial borrow pits, or sand and aggregate production or manufacturing plants

F Refer to Section 02227 - Excavation and Backfill for Utilities, for other definitions regarding utility installation by trench construction

1 04 SUBMITTALS

A Conform to requirements of applicable specification

B Submit a description of source, material classification and product description, production method, and application of backfill materials

C Submit test results for samples of off-site backfill materials to comply with Paragraph 3 03, Material Quality Control

D Identify off-site sources for backfill materials at least 14 days ahead of intended use so that the Engineer may obtain samples for verification testing

E Before stockpiling materials, submit a copy of temporary easement or approval from landowner for stockpiling backfill material on private property

1 05 TESTS

A Perform tests of sources for backfill material in accordance with Paragraph 3 03A

B Verification tests of backfill materials may be performed by the Owner in accordance with applicable specification and in accordance with Paragraph 3 03B

C Random fill obtained from the Project excavation as source is exempt from prequalification requirements by Contractor, but must be inspected for unacceptable materials based on ASTM D 2488

PART 2 PRODUCTS

2 01 MATERIAL CLASSIFICATIONS

A Materials for backfill shall be classified for the purpose of quality control in accordance with the Unified Soil Classification Symbols as defined in ASTM D 2487 Material use and application is defined in utility installation specifications and Drawings either by class, as described in Paragraph 2 01B, or by product descriptions, as given in Paragraph 2 02

B Class Designations Based on Laboratory Testing

1 Class I Well graded sands and gravels, gravel-sand mixtures, crushed well graded rock, little or no fines (GW, SW)

a Plasticity Index Nonplastic

b Gradation D60/D10 - greater than 4 percent Amount passing No 200 Sieve - less than or equal to 5 percent

2 Class II Poorly graded gravels and sands, silty sands and gravels, little to moderate fines (GM, GP, SP, SM)

a Plasticity Index: Nonplastic to 4

b Gradation (GP, SP) Amount passing No. 200 Sieve - less than 5 percent

c Gradation (GM, SM) Amount passing No 200 Sieve - between 12 percent and 50 percent

3 Class III Clayey gravels and sands, poorly graded mixtures of sand, gravel, and clay (GC, SC)

a Plasticity Index greater than 7
b Gradation Amount passing No 200 Sieve - between 12 percent and 50 percent

4 Class IV Lean clays (CL)

a Plasticity Index· greater than 7
b Liquid Limit less than 50
c Gradation Amount passing No 200 Sieve - greater than 50 percent inorganic

5 Use soils with dual class designation according to ASTM D 2487 according to the more restrictive class

2 02 PRODUCT DESCRIPTIONS

A Soils classified as silt (ML), silty clay (CL - ML with PI of 4 to 7), elastic silt (MH), organic clay and organic silt (OL, OH), and organic matter (PT) are not acceptable as backfill materials These soils may be used for site grading and restoration in unimproved areas as approved by Engineer Soils classified as fat clay (CH) may be used as backfill materials where allowed by the applicable backfill installation specification Refer to Section 02227 - Excavation and Backfill for Utilities

B Provide backfill material that is free of stones greater than 6 inches, free of roots, waste, debris, trash, organic material, unstable material, non-soil matter, hydrocarbon or other contamination, conforming to the following limits for deleterious materials

1 Clay lumps Less than 0 5 percent for Class I, and less than 2 0 percent for Class II, when tested in accordance with ASTM C 142

2 Lightweight pieces Less than 5 percent when tested in accordance with ASTM C 123

3 Organic impurities No color darker than standard color when tested in accordance with ASTM C 40

C Manufactured materials may be substituted for natural soil or rock products where indicated in the product specification, and approved by Engineer, provided that the physical property criteria are determined to be satisfactory by testing

D Bank Run Sand Durable bank run sand classified as SP, SW, or SM by the Unified Soil Classification System (ASTM D 2487) meeting the following requirements

1 Less than 15 percent passing the number 200 sieve when tested in accordance with ASTM C 136 The amount of clay lumps or balls not exceeding 2 percent

2 Material passing the number 40 sieve shall meet the following requirements when tested in accordance with ASTM D 4318

a Liquid limit not exceeding 25
b Plasticity index not exceeding 7

E Concrete Sand Natural sand, manufactured sand, or a combination of natural and manufactured sand conforming to the requirements of ASTM C 33 and graded within the following limits when tested in accordance with ASTM C 136

Sieve	Percent Passing
3/8"	100
No 4	95 to 100
No 8	80 to 100
No 16	50 to 85
No 30	25 to 60
No 50	10 to 30
No 100	2 to 10

F Gem Sand Sand conforming to the requirements of ASTM C 33 for course aggregates specified for number 8 size and graded within the following limits when tested in accordance with ASTM C 136

Sieve	Percent Passing
3/8"	95 to 100
No 4	60 to 80
No 8	15 to 40

G Pea Gravel Durable particles composed of small, smooth, rounded stones or pebbles and graded within the following limits when tested in accordance with ASTM C 136

Sieve	Percent Passing
2"	100
3/8"	85 to 100
No 4	10 to 30
No 8	0 to 10
No 16	0 to 5

H Crushed Aggregates All crushed aggregates consist of durable particles obtained from an approved source and meeting the following requirements

1 All materials of one product delivered for the same construction activity from a single source

2 Non-plastic fines

3 Los Angeles abrasion test wear not exceeding 40 percent when tested in accordance with ASTM C 131

4 Gradations, as determined in accordance with TEX-110-E

Sieve	Percent Passing by Weight for Pipe Embedment By Ranges of Nominal Pipes Sizes		
	>15"	15" – 8"	<8"
1"	95 - 100	100	-
3/4"	60 – 90	90 – 100	100
2"	25 – 60	-	90 – 100
3/8"	-	20 – 55	40 – 70
No 4	0 – 5	0 – 10	0 - 15
No. 8	-	0 – 5	0 - 5

5 Crushed stone Produced from oversize quarried aggregate, sized by crushing from a naturally occurring single source Crushed gravel or uncrushed gravel are not acceptable materials for utility embedment

6 Crushed Concrete Crushed concrete is an acceptable substitute for crushed stone as utility backfill Gradation and quality control test requirements are the same as crushed stone Provide crushed concrete produced from normal weight concrete of uniform quality, containing particles of aggregate and cement material, free from other substances such as asphalt, base course material, reinforcing steel fragments. soil, debris, or deteriorated concrete fragments

I Select Backfill Class III clayey gravel or sand or Class IV lean clay with a plasticity index between 7 and 20 or clayey soils treated with lime in accordance with the applicable specification to meet plasticity criteria

J Random Backfill Any suitable soil or mixture of soils within Classes I, II, III and IV, or fat clay (CH) where allowed by the applicable backfill installation specification. Refer to Section 02227 - Excavation and Backfill for Utilities

K Cement Stabilized Sand. Conform to requirements of Section 02252 - Cement Stabilized Sand

L Concrete Backfill Conform to Class B concrete as specified in the applicable specifications

M Pavement Restoraton Conform to requirements of the applicable specification

PART 3 EXECUTION

3 01 SOURCES

A Use of material encountered in the trench excavations is acceptable, provided applicable specification requirements are satisfied If excavation material is not acceptable, provide from other source

B Obtain approval for each material source by the Engineer before delivery is started If sources previously approved do not produce uniform and satisfactory products, furnish materials from other approved sources All materials may be subjected to inspection or additional verification testing after delivery Materials which do not meet the requirements of the specifications will be rejected Do not use material which, after approval, has become unsuitable for use due to segregation, mixing with other materials, or by contamination Once a material is approved by the Engineer, expense for sampling and testing required to change to a different material will be credited to the Owner through a change order

C Bank run sand, select backfill, and random backfill, if available in the Project excavation, may be obtained by selective excavation and acceptance testing Obtain additional quantities of these materials and other materials required to complete the work from off-site sources

D The Owner does not represent or guarantee that any soil found in the excavation work will be suitable and acceptable as backfill material

3 02 MATERIAL HANDLING

A When backfill material is obtained from either a commercial or non-commercial borrow pit, have that pit opened to expose the vertical faces of the various strata of acceptable material to be used Excavate the material by vertical cuts extending through the exposed strata to achieve uniformity in the product

B Establish temporary stockpile locations for practical material handling and control, and verification testing by the Engineer in advance of final placement Obtain approval from landowner for storage of backfill material on adjacent private property.

C When stockpiling backfill material near the Project site, use appropriate covers to eliminate blowing of materials into adjacent areas and prevent runoff containing sediments from entering the drainage system

D Place stockpiles in layers to avoid segregation of processed materials Load material by making successive vertical cuts through entire depth of stockpile

3 03 MATERIAL QUALITY CONTROL

A Ensure that material selected, produced and delivered to the Project meets applicable specifications and is of sufficient uniform properties to allow practical construction and quality control Responsibilities include

1 Source or Supplier Qualification Perform testing, or obtain representative tests by suppliers, for selection of material sources and products Provide test results for a minimum of three samples for each source and material type Test samples of processed

materials from current production representing material to be delivered Tests shall verify that the materials meet specification requirements Repeat qualification test procedures each time the source characteristic changes or there is a planned change in source location or supplier Qualification tests shall include, as applicable

a Gradation Complete sieve analyses shall be reported regardless of the specified control sieves The range of sieves shall be from the largest particle through the No 200 sieve

b Plasticity

c Los Angeles abrasion

d Clay lumps

e Light weight pieces

f Organic impurities

2 Production Testing Establish a program to provide assurance that backfill materials delivered from the sources and placed in the Work meet applicable specification requirements Report results to the Engineer

3 Assist the Engineer in obtaining material samples for verification testing at the source or at the production plant

4 Notify the Engineer in the field when non-conforming material is detected

B Quality Control

1 The Engineer may sample and test backfill at

a Sources including borrow pits, production plants and Contractor's designated off-site stockpiles

b On-site stockpiles

c Materials placed in the Work

2 The Engineer may resample material at any stage of work or location if changes in characteristics are apparent

3 The Engineer will notify Contractor at the Project site about non-conforming materials and will, as appropriate, resample materials to verify results

C Tolerances

The following tolerances apply to production quality control testing

1 Embedment Material and Select Backfill The Engineer may accept material provided that not more than one out of the most recent five consecutive tests are out of the specification limits for

a Gradation Not more than 5 percentage points on any individual sieve
b Plasticity Not more than 2 percentage points

2 Trench Zone Backfill Material Except for select and random backfill, the Engineer may accept the material provided that not more than one out of the most recent three consecutive tests are out of the specification limits for

a Gradation Not more than 8 percentage points on any individual sieve
b Plasticity Not more than 5 percentage points

3 Select and Random Backfill No quantified tolerances Remove non-conforming material identifiable by visual-manual procedure

END OF SECTION

Section 02252
CEMENT STABILIZED SAND

PART 1 GENERAL

1 01 SECTION INCLUDES

A Cement stabilized sand for backfill and bedding

1 02 UNIT PRICES

A No payment will be made for cement stabilized sand under this Section unless an extra unit price item is included in the Bid Proposal and the application of the pay item is approved by the Engineer Include payment for cement stabilized sand in unit price for applicable utility or structure installation section

B If use of cement stabilized sand is allowed based on the Engineer's direction the extra unit price item will be paid on a per ton basis A conversion between volume calculated based on theoretical limits and total weight will be made based on a ratio of 1.64 tons per cubic yard

1 03 SUBMITTALS

A Submittals shall conform to requirements of the applicable specification

B Submit material qualification and mix design tests to include

1 Three series of tests of sand or fine aggregate material from the proposed source. Tests shall include procedures defined in Paragraph 2 01

2 Three moisture-density relationship tests prepared using the material qualified by the tests of Paragraph 1 03B 1 Blends of fine aggregate from crushed concrete and bank run sand shall be tested at the ratio to be used for the mix design testing

3 Mix design report to meet the design requirements of Paragraph 1 04 The mix design shall include compressive strength tests after 48-hours and 7 days curing

1 04 DESIGN REQUIREMENTS

A Design sand-cement mixture to produce a minimum unconfined compressive strength of 100 pounds per square inch in 48 hours when compacted to 95 percent in accordance with ASTM D558 and when cured in accordance with ASTM D1632, and tested in accordance with ASTM D1633 Mix for general use shall contain a minimum of 1-1/2 sacks of cement per cubic yard Mix for use as sanitary sewer embedment within 9 feet of waterlines shall contain 2 sacks of cement per cubic yard Compact mix with a moisture content on the dry side of optimum

PART 2 PRODUCTS

2 01 MATERIALS

A Cement Type 1 Portland cement conforming to ASTM C150

B Sand Clean, durable sand meeting grading requirements for fine aggregates of ASTM C33, or requirements for Bank Run Sand of Section 02229 - Utility Backfill Materials, and the following requirements

1 Classified as SW, SP or SM by the United Soil Classification System of ASTM D2487

2 Deleterious materials

a Clay lumps, ASTM C142, less than 0 5 percent
b Lightweight pieces, ASTM C123, less than 5.0 percent
c Organic impurities, ASTM C40, color no darker than the standard color

3 Plasticity index of 4 or less when tested in accordance with ASTM D4318

C Fine aggregate manufactured from crushed concrete meeting the quality requirements for crushed rock material of Section 02229 - Utility Backfill Materials, may be used as a complete or partial substitute for bank run sand The blending ratio of fine aggregate from crushed concrete and bank run sand shall be defined in the mix design report

D Water Potable water, free of oils, acids, alkalies, organic matter or other deleterious substances, meeting requirements of ASTM C94

2 02 MIXING MATERIALS

A Thoroughly mix sand, cement and water in proportions of the mix design using a pugmill-type mixer The plant shall be equipped with automatic weight controls to ensure correct mix proportions

B Stamp batch ticket at plant with time of loading directly after mixing Material not placed and compacted within 4 hours after mixing shall be rejected

PART 3 EXECUTION

3 01 PLACING

A Place sand-cement mixture in 8-inch-thick loose lifts and compact to 95 percent of ASTM D558, unless otherwise specified The moisture content during compaction shall be on the dry side of optimum but sufficient for hydration Perform and complete compaction of sand-cement mixture within 4 hours after addition of water to mix at the plant

B Do not place or compact sand-cement mixture in standing or free water

3 02 FIELD QUALITY CONTROL

A Testing will be performed under provisions of the applicable specification

B One sample of cement stabilized sand shall be obtained for each 150 tons of material placed per day with no less than one sample per day of production Random samples of delivered cement stabilized sand shall be taken in the field at point of delivery in accordance with ASTM 3665 Obtain three individual samples of approximately 12 to 15 lb each from the first, middle, and last third of the truck and composite them into one sample for test purpose

C Prepare and mold four specimens (for each sample obtained) in accordance with ASTM D 558, Method A, without adjusting moisture content Samples will be molded at approximately same time material is being used, but no later than 4 hours after water is added to mix

D After molding, specimens will be removed from molds and cured in accordance with ASTM D 1632

E Specimens will be tested for compressive strength in accordance with ASTM D 1633, Method A Two specimens will be tested at 48 hours plus or minus 2 hours and two specimens will be tested at 7 days plus or minus 4 hours

F A strength test will be average of strengths of two specimens molded from same sample of material and tested at same age Average daily strength will be average of strengths of all specimens molded during one day's production and tested at same age

G Precision and Bias Test results shall meet recommended guideline for precision in ASTM D 1633 Section 9

H Reporting Test reports shall contain, as a minimum, the following information

1 Supplier and plant number
2 Time material was batched
3 Time material was sampled
4 Test age (exact hours)
5 Average 48-hour strength
6 Average 7-day strength
7 Specification section number
8 Indication of compliance / non-compliance
9 Mixture identification
10 Truck and ticket numbers
11 The time of molding
12 Moisture content at time of molding
13 Required strength
14 Test method designations
15 Compressive strength data as required by ASTM D 1633
16 Supplier mixture identification
17 Specimen diameter and height, in
18 Specimen cross-sectional area, sq in

3 03 ACCEPTANCE

A Strength level of material will be considered satisfactory if

1 The average 48-hour strength is greater than 100 psi with no individual strength test below 70 psi

2 All 7-day individual strength tests (average of two specimens) are greater than or equal to 100 psi

B Material will be considered deficient when 7-day individual strength test (average of two specimens) is less than 100 psi but greater than 70 psi See Paragraph 3 04 Adjustment for Deficient Strength

C The material will be considered unacceptable and subject to removal and replacement at Contractor's expense when individual strength test (average of two specimens) has 7-day strength less than 70 psi

D When moving average of three daily 48-hour averages falls below 100 psi, discontinue shipment to project until plant is capable of producing material, which exceeds 100 psi at 48 hours Five 48-hour strength tests shall be made in this determination with no individual strength tests less than 100 psi Testing laboratory shall notify Contractor, Project Manager, and material supplier by facsimile of tests indicating results falling below specified strength requirements within 24 hours

E If any strength test of laboratory cured specimens falls below the specified strength, Contractor may, at his own expense, request test of cores drilled from the area in question in accordance with ASTM C42 In such cases, three (3) cores shall be taken for each strength test that falls below the values given in 3 03 A

F Cement stabilized sand in an area represented by core tests shall be considered satisfactory if the average of three (3) cores is equal to at least 100 psi and if no single core is less that 70 psi Additional testing of cores extracted from locations represented by erratic core strength results will be permitted

3 04 ADJUSTMENT FOR DEFICIENT STRENGTH

A When mixture produces 7-day compressive strength greater than or equal to 100 psi, then material will be considered satisfactory and bid price will be paid in full

B When mixture produces 7-day compressive strength less than 100 psi and greater than or equal to 70 psi, material shall be accepted contingent on credit in payment Compute credit by the following formula

$$\text{Credit per Cubic Yard} = \frac{\$30\ 00 \times 2\ (100\ \text{psi} - \text{actual psi})}{100}$$

C When mixture produces 7-day compressive strength less than 70 pounds per square inch, then remove and replace cement-sand mixture and paving and other necessary work at no cost to City

END OF SECTION

Section 02571
PAVEMENT REPAIR FOR UTILITIES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Repairing and resurfacing streets, highways, driveways, sidewalks, curbs and gutters, and other pavements that have been cut, broken, or damaged during construction

1 Parking areas, service drives, driveways, and sidewalks Replace with material equal to or better than existing or as indicated on Drawings

2 Street pavements and curbs, curbs and gutters Match general pavement type and provide subgrade, base, and surface materials as indicated on the Drawings and as specified in this Section

B Repair State highway crossings in accordance with the highway department permit and within 1 week after utility work is installed

C Conform to applicable specification for removal of existing pavements

1 02 UNIT PRICES

A Payment for pavement repair for utilities is on a unit price basis and shall only be paid at locations shown on the plan drawings

B Limits for measurement will be as follows

1 No payment will be made for work outside maximum payment limits, or in areas removed or replaced for Contractor's convenience

C Total compensation for required Unit Price Work shall be included in Unit Price bid

D Refer to Section 01025 - Measurement and Payment for Water Line Construction for other unit price procedures

E Contractor shall assist by providing necessary equipment, workers, and survey personnel as required by Engineer.

1 03 NONCONFORMING PAVEMENT

A Remove and replace areas of non-conforming Portland cement concrete or asphaltic concrete pavement found deficient in thickness by more than 10 percent, or that fail specified tests, unless accepted by Engineer

1 04 UNIT PRICE ADJUSTMENT

A For non-conforming pavement, accepted by the Engineer, unit price adjustments shall be made for actual in-place depth determined by cores as follows

1 Adjusted Unit Price shall be ratio of average thickness as determined by cores to thickness bid upon, times unit price bid

2 Adjustment shall apply to lower limit of 90 percent of unit price No adjustments in price will be made for excess thickness

1 05 SUBMITTALS

A Submittals shall conform to requirements of applicable specification

B Submit test results or other data confirming that materials meet the specified requirements for

1 Fill, backfill and subgrade materials
2 Base course materials
3 Asphalt materials and mix designs
4 Concrete materials and mix design
5 Joint material

PART 2 PRODUCTS

2 01 SUBGRADE

A Provide fill and backfill materials beyond the limits of the utility trench as indicated on the Drawings and conforming to the following classifications The classifications follow Unified Soil Classification Symbols as defined in ASTM D2487 Use soils with dual designation according to ASTM D2487 according to the least restrictive class

1 Class I Well graded sands and gravels, gravel-sand mixtures, crushed well graded rock, little or no fines (GW, SW)

a Plasticity Index - Nonplastic

b Gradation - D60/D10 - greater than 4 percent passing No 200 Sieve - less than or equal to 5 percent

2 Class II Poorly graded gravels and sands, silty sands and gravels, little to moderate fines (GM, GP SP, SM)

a Plasticity Index Nonplastic to 4 percent

b Gradation percent passing No 200 Sieve - less than 5 percent (GP, SP)

c Gradation percent passing No 200 Sieve - between 12 percent and 50 percent (GM, SM)

3 Class III Clayey gravels and sands, poorly graded mixtures of sand, gravel, and clay (GC, SC)

a Plasticity Index greater than 7
b Gradation percent passing No 200 Sieve between 12 percent and 50 percent

4 Backfill Material Conform to requirements of Section 02229 – Utility Backfill Material

5 Lime Stabilized Subgrade Lime for subgrade stabilization shall conform to the following

a Type A - Hydrated lime Dry material consisting essentially of calcium hydroxide or mixture of calcium hydroxide and an allowable percentage of calcium oxide and magnesium hydroxide

b Type B - Commercial lime slurry· Liquid mixture consisting essentially of lime solids and water in slurry form Water or liquid portion shall not contain dissolved material in sufficient quantity to be injurious or objectionable for purpose intended

c Lime shall conform to following requirements.

Chemical Composition	Type A	Type B
Active lime content, % by weight		
$Ca(OH)_2 + CaO$	90 0 min(1)	87 0 min(2)
Unhydrated lime content, % by weight CaO	5 0 max	- - -
Free water content, % by weight H_2O	5 0 max	- - -
Sizing		
Wet Sieve, as % by weight residue retained		
No 6	0 2 max	0 2 max(2)
No 30	4 0 max	4 0 max(2)
Dry sieve, as % by weight residue retained		
1-inch	---	---
¾-inch	---	---

Notes
(1) Maximum 5 0 percent by weight CaO shall be allowed in determining total active lime content
(2) Maximum solids content of slurry

d Lime slurry may be delivered to the job site as commercial lime, or may be prepared at the job site by using hydrated lime or quicklime. The slurry shall be free of liquids other than water and shall be of a consistency that can be handled and uniformly applied without difficulty

6 Concrete Backfill Conform to Class B (2000 psi) concrete as specified in the applicable specification

2 02 BASE COURSE MATERIALS

A Crushed Stone Flexible Base Course Materials

1 Crushed Stone Material retained on the No 40 Sieve meeting the following requirements

a Durable particles of crusher-run broken limestone, sandstone, or granite obtained from an approved source

b Los Angeles abrasion test percent of wear not to exceed 40 when tested in accordance with ASTM C131

2 Soil Binder Material passing the No 40 Sieve meeting the following requirements when tested in accordance with ASTM D4318

a Maximum Liquid Limit 40

b Maximum Plasticity Index 12

c Maximum Lineal Shrinkage· 7 (when calculated from volumetric shrinkage at liquid limit)

B Mixed Materials shall have a minimum compressive strength of 35 psi at 0 psi lateral pressure and 175 psi at 15 psi lateral pressure using triaxial testing procedures Mixed materials shall be graded as follows

Sieve	Percent Retained
1 ¾-inch	0 to 10
No 4	45 to 75
No 40	60 to 85

2 03 ASPHALTIC CONCRETE

A Coarse Aggregate Gravel, crushed stone or a combination of the two, that is retained on No 10 sieve, uniform in quality throughout and free from dirt, organic or other injurious matter occurring either free or as coating on aggregate Aggregate shall conform to ASTM C33 except for gradation Furnish rock or gravel with Los Angeles abrasion loss not to exceed 40 percent by weight when tested in accordance with ASTM C131

B Fine Aggregate Sand or stone screenings or combination of both passing No 10 sieve Use aggregate conforming to ASTM C33, except for gradation Use sand composed of sound, durable stone particles free from loams or other injurious foreign matter Furnish screenings of same or similar material as specified for coarse aggregate Confirm a Plasticity Index of not more than 6 for fine aggregate passing the No 40 sieve when tested by Tex-106-E The sand equivalent shall have a minimum value of 45 when tested by Tex-203-F

C Composite Aggregate Conform to following limits when graded in accordance with ASTM C136

Gradation of Composite Aggregate

Sieve Size	Percent Passing
1/2-inch	100
3/8-inch	85 to 100
#4	50 to 70
#10	32 to 42
#40	11 to 26
#80	4 to 14
#200	1 to 8

D Asphaltic Material Moisture-free homogeneous material which will not foam when heated to 347 degrees F Material shall not be cracked City Engineer will approve grade of asphalt to use after design tests have been made. Use only one grade of asphalt after grade is determined by test design for project and shall meet the following requirements

	AC-10		AC-20	
Test	Min	Max	Min	Max
Viscosity, (140°F) poises	800	1,200	1,600±	
Viscosity, (275°F) cs	150	---	210	---
Penetration, (77°F), 100 g, 5 sec	70	---	40	---
Flash Point, COC, (°F)	425	---	450	---
Solubility in trichloroethylene, %	99 0	---	99 0	---
Tests on residues from thin film oven tests	Min	Max	Min	Max
Viscosity, (140°F) stokes	---	4,000	---	8,000
Ductility, (77°F), 5 cms per min	50	---	20	---
Spot tests	Negative for all grades			

E Prime Coat

1 Cutback Asphalt Prime Coat Moisture-free homogeneous material (MC-30 or MC-70) which will not foam when heated to 347 degrees F and which meets the following requirements

Type – Grade Properties	MC-30 Min	MC-30 Max	MC-70 Min	MC-70 Max
Water, percent	---	0 2	---	0 2
Flash Point, TOC, °F	100	---	100	---
Kinematic Viscosity at 140°F, cst	30	60	70	140
	MC-30 Min	MC-30 Max	MC-70 Min	MC-70 Max
Distillate expressed as percent by volume of total distillate to 680°F				
to 437°F	---	25	---	20
to 500°F	40	70	20	60
to 600°F	75	93	65	90
Residue from 680°F Distillation, volume, %	50	---	55	---
Tests on Distillation Residue				
Penetration at 77°F, 100 g, 5 sec	120	250	120	250
Ductility at 77°F, 5 cm/min cms	100*	---	100*	---
Solubility in Trichloroethylene, %	99	---	99	---
Spot Test		All Negative		

* If penetration of residue is more than 200 and ductility at 77 degrees F is less than 100 cm, material will be acceptable if its ductility at 60 degrees F is more than 100

2 Emulsified Petroleum Resin Prime Coat (EPR-1 Prime) Slow curing emulsion of petroleum resin and asphalt cement conforming to the following requirements For use, EPR-1 may be diluted with water up to a maximum of three parts water to one part EPR-1 in order to achieve the desired concentration of residual resin/asphalt and facilitate application

Properties	Min	Max
Furol Viscosity at 77°F, sec	14	40
Residue by Evaporation, % by weight	60	---
Sieve Test, %	---	0 1
Particle Charge Test		Positive
Tests on the Distillation Residue		
Flash Point, COC (°F)	400	---
Kinematic Viscosity @ 140°F (cst)	190	350

F Tack Coat

1 Cutback Asphalt Tack Coat

Moisture-free homogeneous asphalt material (RC-250) which will not foam when heated to 347°F and which meets the following requirements

Properties	Min	Max
Water, percent	---	0 2
Flash Point, TOC, (°F)	80	---
Kinematic Viscosity at 140°F, cst	250	400
Distillate· Expressed as percent by volume of total distillate to 680°F		
to 437°F	40	75
to 500°F	65	90
to 600°F	85	---
Residue from 680°F Distillation, Volume, percent	70	---
Tests on Distillation Residue.		
Penetration at 77°F, 100 g, 5 sec	100	150
Ductility at 77°F, 5 cm/min cms	100	---
Solubility in Trichoroethylene	99	---
Spot Test	All Negative	

2 Emulsified Tack Coat

Homogeneous material which shows no separation of asphalt after mixing and shall meet the viscosity requirements at any time within 30 days after delivery Emulsion material (SS-1) for tack coat shall meet the following·

Properties	Min	Max
Furol Viscosity at 77°F, sec	30	100
Residue by Distillation, %	60	---
Oil Portion of Distillate, %	---	2
Sieve Test, %	---	0 1
Miscibility (Standard Test)	Passing	Passing
Cement Mixing, %	---	0 2
Storage Stability, 1 Day, %	---	1
Test on Residue		
Penetration at 77°F, 100 g, 5 sec	120	160
Solubility in Trichloroethylene, %	97 5	---
Ductility at 77°F, 5 cm/min, cms	100	---

G Asphalt Concrete Pavement Mixes Employ and pay certified testing laboratory to prepare design mixes Test or certify test on the proposed mixes have been performed on similar materials in accordance with Tex-126-E or Tex-204-F and Tex-208-F

1 Density and Stability Requirements

Percent Density		HVEEM Stability Percent	
Min	Max	Optimum	Not Less Than
94 5	97 5	96	35

2 Proportions for Asphaltic Material Provide 4 to 8 percent of mixture by weight Aggregate by weight shall not contain more than 1 0 percent by weight of fine dust, clay-like particles or silt present when tested in accordance with Tex-217-F, Part II

2 04 PORTLAND CEMENT CONCRETE PAVING MATERIALS

A Concrete shall conform to requirements for Class A concrete as specified in applicable specification

B Reinforcing shall conform to requirements for bars and welded wire fabric as specified in applicable specification

2 05 JOINT MATERIALS

A Board Expansion Joint Material Filler board of selected stock Use wood of density and type as follows

1 Clear, all-heart cypress weighing no more than 40 pounds per cubic foot, after being oven dried to constant weight

2 Clear, all-heart redwood weighing no more than 30 pounds per cubic foot, after being oven dried to constant weight

B Preformed Expansion Joint Material Bituminous fiber and bituminous mastic composition material conforming to ASTM D994 and ASTM D1751

C Joint Sealing Compound Hot-poured rubber-asphalt compound conforming to ASTM D3405

D Load Transmission Devices

1 Smooth, steel dowel bars conforming to ASTM A615, Grade 60 When indicated on Drawings, encase one end of dowel bar in approved cap having inside diameter 1/16 inch greater than diameter of dowel bar

2 Deformed steel tie bars conforming to ASTM A615, Grade 60

E Metal Supports for Reinforcing Steel and Joint Assembly Employ metal supports of approved shape and size that will secure reinforcing steel and joint assembly in correct position during placing and finishing of concrete

2 06 SIDEWALK AND DRIVEWAY MATERIALS

A Sand bed shall be bank run sand, classified as SW, SP, or SM by the Unified Soil Classification System of ASTM D2487, with the following

1 Less than 0 5 percent clay lumps (ASTM C142)
2 Less than 5 0 percent lightweight pieces (ASTM C123)
3. Organic impurities, color no darker than standard color (ASTM C40)
4. Plasticity index of 4 or less per ASTM D4318

B Portland cement concrete shall conform to requirements for Portland cement concrete paving in this Section

C Asphaltic concrete shall conform to requirements for asphaltic concrete paving in this Section

D Gravel paving shall conform to the requirements of Class II backfill in this section but with a gradation to match the gravel surface being replaced

PART 3 EXECUTION

3 01 EQUIPMENT

A Alternate equipment and methods, other than those required by this section, may be used provided the Contractor demonstrates that equal or better results will be obtained Maintain equipment for preparing subgrade and for finishing and compacting pavement in good working order

3 02 SUBGRADE

A Preparation

1 Verify backfill of new utilities is complete, in accordance with Section 02227 - Excavation and Backfill for Utilities

2 Correct subgrade deviations of plus or minus 1/2 inch in cross section or in 16-foot length by loosening, adding, or removing material, reshaping, and recompacting by sprinkling and rolling

3 Prepare sufficient subgrade in advance of base course operations

B Unstabilized Subgrade Replace and compact unstabilized subgrade in accordance with the requirements for compaction, tolerance, testing and protection of lime stabilized subgrade

C Lime Stabilized Subgrade

1 Scarify or excavate to bottom elevations to receive stabilized subgrade as indicated on the drawings Remove material or windrow to expose secondary grade Correct wet or unstable material below secondary grade by scarifying, adding lime, and compacting Obtain uniform stability

2 Lime Slurry Application

a Mix hydrated lime with water to form a slurry of the solids content specified Commercial lime slurry shall have dry solids content as specified

b Apply slurry with a distributor truck equipped with an agitator to keep lime and water in a consistent mixture Make successive passes over measured section of roadway to attain proper moisture and lime content Limit spreading to an area where preliminary mixing operations can be completed on the same working day

c Apply so that dry subgrade will contain a minimum lime content of 5 percent by weight of dry subgrade unless otherwise instructed by Testing Laboratory.

3 Preliminary Mixing

a Do not mix and place material when temperature is below 40 degrees F and falling Base may be placed when temperature taken in shade and away from artificial heat is above 35 degrees F and rising

b Use approved single-pass or multiple-pass rotary speed mixers to mix soil, lime, and water to required depth Obtain a homogeneous friable mixture free of clods and lumps

c Mix and pulverize until all material passes a 1-3/4 inch sieve, a minimum of 85 percent, excluding nonslacking fractions, passes a 3/4 inch sieve, and a minimum of 60 percent excluding nonslacking fractions pass a No 4 sieve

d Shape mixed subgrade to final lines and grades

e Seal subgrade as a precaution against heavy rainfall by rolling lightly with light pneumatic rollers

f Cure soil-lime material for 1 to 4 days Keep subgrade moist during cure

4 Compaction

a Aerate or sprinkle to attain optimum moisture content Remove and reconstruct sections where average moisture content exceeds ranges specified at time of final compaction

b Start compaction immediately after final mixing, unless approved by Engineer

c Spread and compact in two or more approximately equal layers where total compacted thickness is to be greater than 8 inches

d Compact with approved heavy pneumatic or vibrating rollers, or a combination of tamping rollers and light pneumatic rollers Begin compaction at the bottom and continue until entire depth is uniformly compacted

e Do not allow stabilized materials to mix with underlying material Correct irregularities or weak spots immediately by replacing material and recompacting

f Compact to following minimum densities at a moisture content of optimum to 3 percent above optimum as determined by ASTM D698, unless otherwise indicated on the Drawings

1) Areas to receive pavement without subsequent base course Minimum density of 98 percent of maximum dry density

2) Areas to receive subsequent base course. Minimum density of 95 percent of maximum dry density.

g Seal with approved light pneumatic tired rollers Prevent surface hairline cracking Rework and recompact at areas where hairline cracking develops

5 Curing

a Moist cure for a minimum of 3 days before placing base or surface course Time may be adjusted as approved by Engineer Subgrade may be opened to traffic after 2 days if adequate strength has been attained to prevent damage Restrict traffic to light pneumatic rollers or vehicles weighing less than 10 tons

b Keep subgrade surface damp by sprinkling Roll with light pneumatic roller to keep surface knit together

c Place base, surface, or seal course within 14 days after final mixing and compaction unless prior approval is obtained from Engineer

D. Backfill Material Where indicated on the Drawings, provide cement stabilized subgrade in accordance with Section 02229 – Utility Backfill Materials

E Tolerances

1. Completed surface shall be smooth and conform to typical section and established lines and grades

2 Top of compacted surface plus or minus 1/4 inch in cross section, or in 16-foot length

F Field Quality Control

1 Testing will be performed under provisions of applicable specification

2 A minimum of one core will be made at random locations per 1000 linear feet per lane of roadway or 500 square yards of subgrade to determine in-place depth For areas less than 500 square yards, the Engineer may waive the in-place depth test provided the Contractor can demonstrate by measurement the thickness of the subgrade stabilized

3 Contractor may obtain and pay for additional cores in the vicinity of cores indicating nonconforming in-place depths If the average of the tests falls below the required depth, place and compact addition material at no cost to the Owner

4 Compaction testing will be performing in accordance with ASTM D1556 or ASTM D2922 and ASTM D3017 at random locations near depth determination tests Rework and recompact areas that do not conform to compaction requirements at no cost to the City

5 Fill test sections with new compacted lime stabilized subgrade

G Protection

1 Maintain subgrade to lines and grades and in good condition until placement of base or surface course

2 Repair defects immediately by replacing material to full depth

3 03 BASE COURSE

A Placement

1 Spread and shape base in lifts to compacted thickness not to exceed 6 inches Complete spreading, shaping, and compacting on same day material is deposited

2 Place base so that projecting reinforcing steel from curbs or pavement remain at approximate center of base or pavement as indicated on the Drawings

3 Start compaction operations as soon as possible after placement Use sheep foot, steel, or pneumatic rollers or other equipment, as approved

4 Maintain moisture between optimum and 3 percent above optimum moisture

5 Compact to 95 percent of Modified Proctor density in accordance with ASTM D1557, unless otherwise indicated on the Drawings

6 Finish to grade and compact lift before placing any successive lift

7 Maintain shape by grading throughout operation

8 Provide total thickness indicated on Drawings

B Tolerances

1 Completed base surface shall be smooth and conform to typical section and established lines and grades

2 Top surface of embankment Plus or minus 1/4 inch in cross section, or in 16-foot length

C Field Quality Control

1 Testing will be performed under provisions of applicable specification

2 A minimum of one core will be taken at random locations per 1000 linear feet per lane of roadway or 500 square yards of base or at least once per location of base placement to determine in-place depth For areas of less than 500 square yards, the Engineer may waive the depth core test, provided the contractor can demonstrate by measurement the thickness of the base

3 Contractor may obtain and pay for additional cores in the vicinity of cores indicating nonconforming in-place depths. If the average of the tests falls below the required depth, place and compact additional material at no additional cost to the Owner

4. Compaction Testing will be performed in accordance with ASTM D1556 or ASTM D2922 and ASTM 3017 at a random location near each depth determination Rework and recompact areas that do not conform to compaction requirements

5 Fill cores and density test sections with new compacted crushed stone flexible base

D Protection

1 Sprinkle to prevent excessive loss of moisture
2 Restrict construction traffic on finished base to equipment required to complete the work

3 04 ASPHALTIC CONCRETE PAVEMENT

A Preparation

1 Thoroughly clean base course surface of loose material by brooming prior to application of tack coat

2 Prepare sufficient base in advance of paving for efficient operations

B General Prime Coat Application

1 Apply prime coat with approved type of self-propelled pressure distributor or other approved equipment Distribute prime coat evenly and smoothly under pressure necessary for proper distribution

2 Keep all storage tanks, piping, retorts, booster tanks and distributors used in handling asphaltic materials clean and in good operating conditions Conduct operations so that asphaltic material does not become contaminated

3 If yield of asphaltic material appears to be in error, recalibrate distributor prior to continuing Work

4 Maintain the surface until Work is accepted by Owner

5 No traffic or placing of subsequent courses shall be permitted over freshly applied prime coat until authorized by Engineer

C Cutback Asphalt Prime Coat Application

1 Do not use cutback asphalt during the period of April 16 to September 15

2 Do not place prime coat when air temperature is below 60 degrees F and falling Materials may be placed when air temperature taken in shade and away from artificial heat is above 50 degrees F and rising

3 Distribute at rate of 0 25 to 0 35 gallons per square yard

4 Provide facilities for determining temperature of asphaltic material in heating equipment and in distributor, for determining rate of application, and for obtaining uniformity at junction of two distributor loads Provide and maintain in good working order, recording thermometer at storage heating unit

5 Temperature of application shall be based on temperature-viscosity relationship that will permit application of asphalt with viscosity of 100 to 125 centistokes Maintain asphalt within 15 degrees F of temperature required to meet viscosity Selected temperature shall be within following range

Prime Coat Type	Minimum (F)	Maximum (F)
MC-30	70	150
MC-70	125	175

6 Do not allow temperature of MC-30 to exceed 175 degrees F at any time

7 Do not allow temperature of MC-70 to exceed 200 degrees F at any time

D Emulsified Prime Coat Application

1 Do not place prime coat when air temperature is below 36 degrees F and falling
2 Distribute at rate of 0 15 to 0 25 gallons per square yard

E Tack Coat Application

1 Apply tack coat uniformly by use of approved distributor at rate not to exceed 0 05 gallons per square yard of surface Where the asphaltic concrete mixture will adhere to the surface on which it is placed without the use of a tack coat, the tack coat may be eliminated if approved by the Engineer

2 Paint contact surfaces of curbs and structures and joints with thin uniform coat of tack coat

3 Application

a Do not use cutback asphalt during the period of April 16 to September 15

b Do not place tack coat when air temperature is below 50 degrees F and falling Materials may be placed when air temperature taken in shade and away from artificial heat is above 40 degrees F and rising

c Temperature of tack coat shall be between 125 degrees F and 180 degrees F when applied

d Do not heat tack coat above 200 degrees F at any time

4 Tack Coat Protection No traffic or placing of subsequent courses shall be permitted over freshly applied tack coat until authorized by Engineer

F Placement of Asphaltic Concrete

1 Do not place asphaltic mixture when air temperature is below 50 degrees F and falling Mixture may be placed when air temperature taken in shade and away from artificial heat is above 40 degrees F and rising.

2 Haul prepared and heated asphaltic concrete mixture in tight vehicles previously cleaned of foreign material Mixture shall be at temperature between 250 degrees F and 325 degrees F when laid

3 For large areas, spread material into place with approved mechanical spreading and finishing machine of screening or tamping type Use track-mounted finish machine to place base course directly on subgrade or base as shown on the Drawings

4 In restricted areas where use of paver is impractical, spread and finish asphalt by mechanical compactor Use wood or steel forms, rigidly supported to assure correct grade and cross section Carefully place materials to avoid segregation of mix Do not broadcast material Remove any lumps that do not break down readily Place asphalt courses in same sequence as if placed by machine

5 Surface Course Material Surface course 2 inches or less in thickness may be spread in one lift Spread lifts in such manner that, when compacted, finished course will be smooth, of uniform density, and will be to section, line and grade as shown

6 Place courses as nearly continuously as possible Pass roller over unprotected ends of freshly laid mixture only when mixture has cooled When work is resumed, cut back laid material to produce slightly beveled edge for full thickness of course Remove old material which has been cut away and lay new mix against fresh cut

7 When new asphalt is laid against existing or old asphalt, existing or old asphalt shall be saw cut full depth to provide straight smooth joint

G Compaction of Asphaltic Concrete

1 Begin rolling while pavement is still hot and as soon as it will bear roller without undue displacement or hair cracking Keep wheels properly moistened with water to prevent adhesion of surface mixture Do not use excessive water

2 Compress surface thoroughly and uniformly, first with power-driven, 3-wheel, or tandem rollers weighing from 8 to 10 tons Obtain subsequent compression by starting at side and rolling longitudinally toward center of pavement, overlapping on successive trips by at least one-half width of rear wheels Make alternate trips slightly different in length Continue rolling until no further compression can be obtained and rolling marks are eliminated Complete rolling before mixture temperature drops below 175 degrees F

3 Use tandem roller for final rolling Double coverage with approved pneumatic roller on asphaltic concrete surface is acceptable after flat wheel and tandem rolling has been completed

4 Along walls, curbs, headers and similar structures, and in locations not accessible to rollers, compact mixture thoroughly with lightly oiled tamps

5 Compact binder course and surface course to density not less than 93 percent of the maximum possible density of voidless mixture composed of same materials in like proportions

H Tolerances

1 Furnish templates for checking surface in finished sections Maximum deflection of templates, when supported at center, shall not exceed 1/8 inch

2 Completed surface, when tested with 10-foot straightedge laid parallel to centerline of pavement, shall show no deviation in excess of 1/8 inch in 10 feet Correct any surface not meeting this requirement

I Field Quality Control

1 Testing will be performed under provisions of applicable specification

2 Minimum of one core will be taken at random locations per 1000 feet per lane of roadway or 500 square yards of pavement or at least once per location of pavement placement to determine in-place depth and density For areas less than 500 square yards the Engineer may waive the in-place depth test provided the Contractor can demonstrate by measurement the thickness of the pavement placed

3 In-place density will be determined in accordance with Tex-207-F and Tex-227-F from cores or sections of asphaltic base located near each depth determination Other methods of determining in-place density, which correlate satisfactorily with results obtained from roadway specimens, may be used when approved by Engineer

4 Contractor may obtain and pay for three additional cores in vicinity of cores indicating nonconforming in-place depths In-place depth at these locations shall be average depth of four cores

5 Fill cores and density test sections with new compacted asphaltic pavement

J Protection

1 Do not open pavement to traffic until 12 hours after completion of rolling, or as shown on Drawings

2 Maintain asphaltic concrete pavement in good condition until completion of Work

3 Repair defects immediately by replacing asphaltic concrete pavement to full depth

3 05 PORTLAND CEMENT CONCRETE PAVING

A Preparation

1 Properly prepare, shape and compact each section of subgrade before placing forms, reinforcing or concrete After forms have been set to proper grade and alignment, use subgrade planer to shape subgrade to its final cross section Check contour of subgrade with template

2 Remove subgrade that will not support loaded form Replace and compact subgrade to required density

B Concrete Paving Equipment

1 Subgrade Planer and Template

a For large areas, use subgrade planer with adjustable cutting blades to trim subgrade to exact section shown on Drawings Select planer mounted on rollers which ride on forms Planer frame must have sufficient weight so that it will remain on form at all times, and have such strength and rigidity that, under tests made by changing support from wheels to center, planer will not develop deflection of more than 1/8 inch Tractors used to pull planer shall not produce ruts or indentations in subgrade When slip form method of paving is used, operate subgrade planer on prepared track grade or have it controlled by electronic sensor system operated from string line to establish horizontal alignment and elevation of subbase

b For restricted areas, where planer is impractical, prepare the subgrade by mechanical tampers and other equipment as approved by the Engineer

c Provide template for checking contour of subgrade Template shall be long enough to rest upon side forms and have such strength and rigidity that, when supported at center, maximum deflection shall not exceed 1/8 inch Fit template with accurately adjustable rods projecting downward at 1-foot intervals Adjust these rods to gauge cross sections of slab bottom when template is resting on side forms

2 Machine Finisher For large areas, provide a power-driven, transverse finishing machine designed and operated to strike off and consolidate concrete Machine shall have two screeds accurately adjusted to crown of pavement and with frame equipped to ride on forms Use finishing machine with rubber tires if it operates on concrete pavement

3 Hand Finishing For restricted areas, provide mechanical strike and tamping template 2 feet longer than width of pavement to be finished Shape template to pavement section Also, provide two bridges to ride on forms and span pavement for finishing expansion and dummy joints Provide floats and necessary edging and finishing tools

4 Burlap Drag for Finishing Slab Furnish four plies of 10-ounce burlap material fastened to bridge to form continuous strip of burlap full width of pavement The 3-foot width of

burlap material shall be in contact with pavement surface Keep burlap drags clean and free of encrusted mortar

5 Vibrators For large areas, furnish mechanically operated synchronized vibrators mounted on tamping bar which rides on forms and hand-manipulated mechanical vibrators Furnish vibrators with frequency of vibration to provide maximum consolidation of concrete without segregation For restricted areas, hand operated vibrators may be utilized

6 Traveling Form Paver Approved traveling form paver may be used in lieu of construction methods employing forms, consolidating, finishing and floating equipment Requirements of this specification for subgrade, pavement tolerances, pavement depth, alignments, consolidation, finishing and workmanship shall be met If traveling form paver does not provide concrete paving that meets the compaction, finish and tolerance requirements of this specification, its use shall be immediately discontinued when so ordered by Engineer and conventional methods shall be used

a Equip traveling paver with longitudinal transangular finishing float adjustable to crown and grade Float shall be long enough to extend across pavement to side forms or edge of slab

b Insure that continuous deposit of concrete can be made at paver to minimize starting and stopping Use conventional means of paving locations inaccessible to traveling paver, or having horizontal or vertical curvature that traveling paver cannot negotiate

c Where Drawings require tie bars for adjacent paving, securely tie and support bars to prevent displacement Tie bars may be installed with approved mechanical bar inserter mounted on traveling-form paver Replace any pavement in which tie bars assume final position other than that shown on Drawings, unless corrective alternates are authorized in writing by Engineer

C Forms

1 Side Forms Use metal forms of approved shape and section Preferred depth of form shall be equal to required edge thickness of pavement Forms with depths greater or less than required edge thickness of pavement will be permitted, provided difference between form depth and edge thickness is not greater than 1 inch, and further provided that forms of depth less than pavement edge are brought to required edge thickness by securely attaching wood or metal strips to bottom of form, or by grouting under form Bottom flange of form shall be same size as thickness of pavement Aluminum forms are not allowed Forms shall be approved by Engineer Length of form sections shall be not less than 10 feet and each section shall provide for staking in position with not less than 3 pins Flexible or curved forms of wood or metal of proper radius shall be used for curves of 200-foot radius or less Forms shall have ample strength and shall be provided with adequate devices for secure setting so that when in-place they will withstand, without visible springing or settlement, impact and vibration of finishing machine In no case shall base width be less than 8 inches for form 8 inches or more in height Forms shall be free from warp, bends or kinks and shall be sufficiently true to provide reasonable straight edge on concrete Top of each form section, when tested with straight edge, shall conform

to requirements specified for surface of completed pavement Provide sufficient forms for satisfactory placement of concrete For short radius curves, forms less than 10 feet in length or curved forms may be used For curb returns at street intersections and driveways, wood forms of good grade and quality may be used

2 Form Setting Rest forms directly on subgrade Do not shim with rocks or dirt Accurately set forms to required grade and alignment and, during entire operation of placing, compacting and finishing of concrete, do not deviate from this grade and alignment more than 1/8 inch in 10 feet of length Do not remove forms for at least 8 hours after completion of finishing operations Provide supply of forms that will be adequate for orderly and continuous placing of concrete For large areas, set forms and check grade for at least 300 feet ahead of placement or as approved by Engineer. Adjacent slabs may be used instead of forms, provided that concrete is well protected from possible damage by finishing equipment. These adjacent slabs shall not be used for forms until concrete has aged at least 7 days

D Reinforcing Steel and Joint Assemblies

1 Accurately place reinforcing steel and joint assemblies and position them securely as indicated on Drawings Wire reinforcing bars securely together at intersections and splices Bars and coatings shall be free of rust, dirt or other foreign matter when concrete is placed Place reinforcing steel and secure to chairs

2 Place pavement joint assemblies at required locations and elevations, and rigidly secure parts in required positions Install dowel bars accurately in joint assemblies as shown, each parallel to pavement surface and to centerline of pavement Rigidly secure in required position to prevent displacement during placing and finishing of concrete Accurately cut header boards, joint filler and other material used for forming joints to receive each dowel bar Where indicated on the drawings, drill dowels into existing pavement, secure with epoxy, and provide paving headers, as required, to provide rigid pavement sections

E Placement

1 Place concrete only when air temperature taken in shade and away from artificial heat is above 35 degrees F and rising Concrete shall not be placed when temperature is below 40 degrees F and falling

2 Place concrete within 60 minutes of mixing. Remove and dispose of concrete not placed within this period

3 Concrete slump during placement shall be 1 to 4 inches, except when using traveling-form paver slump shall be maximum of 2 inches

4 Deposit concrete rapidly and continuously on subgrade or base in successive batches Distribute concrete to required depth and for entire width of placement in manner that will require as little rehandling as possible Where hand spreading is necessary, distribute concrete with shovels or by other approved methods Use only concrete rakes in handling concrete At end of day or in case of unavoidable interruption of more than 30 minutes,

place transverse construction joint at point of stopping work Remove and replace sections less than 10 feet long

5 Take special care in placing and spading concrete against forms and at longitudinal and transverse joints to prevent honeycombing Voids in edge of finished pavement will be cause for rejection

F Compaction

1 Consolidate the concrete using mechanical vibrators Extend a vibratory unit across the pavement, not quite touching side forms Space individual vibrators at close enough intervals to vibrate and consolidate entire width of pavement uniformly Mount mechanical vibrators to avoid contact with forms, reinforcement, transverse or longitudinal joints

2 Furnish enough hand-manipulated mechanical vibrators for proper consolidation of concrete along forms, at joints and in areas not covered by mechanically controlled vibrators

G Finishing

1 *Finish concrete pavement with power-driven transverse finishing machines or by hand* finishing methods

a Use transverse finishing machine to make at least two trips over each area Make last trip continuous run of not less than 40 feet After transverse screening, use hand-operated longitudinal float to test and level surface to required grade

b Hand finish with mechanical strike and tamping template as wide as pavement to be finished Shape template to pavement section Move strike template forward in direction of placement, maintaining slight excess of material in front of cutting edge Make at least two trips over each area Screed pavement surface to required section Work screed with combined transverse and longitudinal motion in direction work is progressing Maintain screed in contact with forms Use longitudinal float to level surface

2 On narrow strips and transitions, finish concrete pavement by hand Thoroughly work concrete around reinforcement and embedded fixtures Strike off concrete with strike-off screed Move strike-off screed forward with combined transverse and longitudinal motion in direction work is progressing, maintaining screed in contact with forms, and maintaining slight excess of materials in front of cutting edge Tamp concrete with tamping template Use longitudinal float to level surface

3 After completion of straightedge operation, make first pass of burlap drag as soon as construction operations permit and before water sheen has disappeared from surface Follow with as many passes as required to produce desired texture depth Permit no unnecessary delays between passes Keep drag wet, clean and free from encrusted mortar during use

H Joints and Joint Sealing

1 Placement

a When new work is adjacent to existing concrete, place joints at same location as existing joints in adjacent pavement

b If the limit of removal of existing concrete or asphaltic pavement does not fall on existing joint, saw cut existing pavement minimum of 1-1/2 inches deep to provide straight, smooth joint surface without chipping, spalling or cracks

2 Construction Joints Place transverse construction joint wherever concrete placement must be stopped for more than 30 minutes Place longitudinal construction joints at interior edges of pavement lanes using No 6 deformed tie bars, 30 inches long and spaced 18 inches on centers

3 Expansion Joints Place 3/4-inch expansion joints at radius points of curb returns for cross street intersections, or as located in adjacent pavement but no further than 60 feet apart Use no boards shorter than 6 feet When pavement is 24 feet or narrower, use not more than 2 lengths of board Secure pieces to form straight joint Shape board filler accurately to cross section of concrete slab Use load transmission devices of type and size shown on Drawings. Seal with joint sealing compound

4 Contraction Joints Place contraction joints at same locations as in adjacent pavement or at spaces indicated on Drawings Place smoothed, painted and oiled dowels accurately and normal to joint Seal groove with joint sealing compound

5 Longitudinal Weakened Plane Joints Place longitudinal weakened plane joints at spaces indicated on Drawings Seal groove with joint sealing compound

6 Sawed Joints

a Contractor may use sawed joints as an alternate to contraction and weakened plane joints Circular cutter shall be capable of cutting straight line groove minimum of 1/2 inch wide Depth shall be one quarter of pavement thickness plus 1/2 inch Commence sawing as soon as concrete has hardened sufficiently to permit cutting without chipping, spalling or tearing and prior to initiation of cracks Once sawing has commenced, it shall be continued until completed Make saw cut with one pass Complete sawing within 24 hours of concrete placement Saw joints at required spacing consecutively in sequence of concrete placement

b Concrete Saw Provide sawing equipment adequate in power to complete sawing to required dimensions and within required time Provide at least one standby saw in good working order Maintain an ample supply of saw blades at work site at all times during sawing operations Sawing equipment shall be on job at all times during concrete placement

7 Joints for Curb, Curb and Gutter Place 3/4-inch preformed expansion joints through curb and gutters at locations of expansion and contraction joints in pavement, at end of radius returns at street intersections and driveways, and at curb inlets Maximum spacing shall be 120-foot centers

8 Joints for Concrete Sidewalks Provide 3/4-inch expansion joints conforming to ASTM D1751 along and across sidewalk at back of curbs, at intersections with driveways, steps, and walls, and across walk at intervals not to exceed 36 feet Provide expansion joint material conforming to ASTM D994 for small radius curves and around fire hydrants and utility poles Extend the expansion joint material full depth of the slab

9 Joints for Concrete Driveways Provide 3/4-inch expansion joints conforming to ASTM D1751 across driveway in line with street face of sidewalks, at existing concrete driveways, and along intersections with sidewalks and other structures Extend expansion joint material full depth of slab

10 Joint Sealing

a Seal joints only when surface and joints are dry, ambient temperature is above 50 degrees F and less than 85 degrees F, and weather is not foggy or rainy

b Joint sealing equipment shall be in first-class working condition, and be approved by Engineer

c Clean joints of loose scale, dirt, dust and curing compound. Remove loose material from concrete surfaces adjacent to joints Use concrete grooving machine or power-operated wire brush and other equipment such as plow, brooms, brushes, blowers or hydro- or abrasive-cleaning machines, as required to produce satisfactory results

d Fill joints neatly with joint sealer to depth shown Pour sufficient joint sealer into joints so that, upon completion, surface of sealer within joint will be 1/4 inch below level of adjacent surface or at elevation as directed

11 Protection

a Maintain joints in good condition until completion of Work
b Replace damaged joints material with new material

I Concrete Curing Conform to requirements of applicable specification

J Tolerances Test entire surface before initial set and correct irregularities or undulations Bring surface within requirements of following test and then finish Place 10-foot straightedge parallel to center of roadway to bridge any depressions and touch high spots Do not permit ordinates measured from face of straight edge to surface of pavement to exceed 1/16 inch per foot from nearest point of contact Maximum ordinate with 10-foot straightedge shall not exceed 1/8 inch Grind spots in excess of requirements of this paragraph to meet surface test requirements Restore texture by grooving concrete to meet surface finishing specifications

K Field Quality Control

1 Testing will be performed under provisions of applicable specification

2 Flexural Strength Test Specimens. Four test specimens for flexural strength test will be made for each 150 cubic yards or less of pavement that is placed in one day Two specimens will be tested at 7 days For failed 7-day tests, remaining two specimens will be tested at 28 days Specimens will be made, cured and tested in accordance with ASTM C78 (using simple beam with third point loading) Minimum flexural strength (modulus of rupture) shall be 500 pounds per square inch at 7 days and 600 pounds per square inch at 28 days

3 Yield test will be made in accordance with ASTM C138 for cement content per cubic yard of concrete If such cement content is found to be less than that specified per cubic yard, reduce batch weights until amount of cement per cubic yard of concrete conforms to requirements

4 Minimum of one 4-inch core to measure in-place depth will be taken at random locations per 1000 feet per lane or 500 square yards of pavement or at least once per location of pavement placement Each core may be tested for 28-day compressive strength according to methods of ASTM C42 The 28-day compressive strength of each core tested shall be a minimum of 3000 pounds per square inch Compressive strength shall not be utilized to satisfy the flexural strength requirements

5 For areas less than 500 square yards, the Engineer may waive the in-place depth test provided the Contractor can demonstrate by measurement the thickness of the pavement placed Compressive strength cylinders may be made as indicated in applicable specification, if the core for in place depth determination is not required

6 Contractor may obtain and pay for three additional cores in vicinity of cores indicating nonconforming in-place depths In-place depth at these locations shall be average depth of four cores

7 Fill cores and density test sections with new concrete paving or non-shrink grout

L Protection

1 Barricade pavement section from use until concrete has attained minimum design strength

2. To provide access at driveways, city street intersections, esplanades, and other locations approved by Engineer; Contractor may use high-early-strength cement or place an additional 2 inches of concrete pavement on untreated subgrade in lieu of specified concrete pavement depth on stabilized base or lime treated subgrade Additional depths of concrete placement shall be paid for under original specified concrete depth

3 On those sections of pavement to be opened to traffic, seal joints, clean pavement and place earth against pavement edges before permitting use by traffic Such opening of pavement to traffic shall not relieve Contractor from responsibility for the Work.

4 Maintain concrete paving in good condition until completion of Work

5. Repair defects by replacing concrete to full depth

3 06 PAVEMENT MARKINGS

A Restore pavement markings to match those existing or as indicated on the Drawings and details

3 07 SIDEWALKS AND DRIVEWAYS

A Replacement

1 Replace sidewalks and driveways which are removed or damaged during construction with paving of the same type and with thickness and width equivalent to one removed or damaged Asphaltic concrete and Portland cement concrete shall meet the requirements of this Section

2 Provide replaced and new sidewalks with wheelchair ramps if sidewalk intersects curb at street or driveway intersection

B Preparation and Placement

1 Identify and protect utilities which are to remain

2 Protect living trees, other plant growth, and features designated to remain

3 Excavate subgrade 6 inches beyond outside lines of sidewalk or driveway Shape to the line, grade, and cross section For soils with plasticity index above 40 percent, stabilize soil with lime Compact subgrade to minimum of 90 percent maximum dry density as determined by ASTM D698

4 For concrete surface, immediately after subgrade is prepared, cover with 2-inch-thick compacted sand bed Place concrete as indicated below

5 For asphaltic concrete surface, place and compact directly on prepared subgrade

6 For gravel surface, place and compact gravel directly on prepared subgrade

C Concrete Placement

1 Forms Straight, unwarped wood or metal forms with nominal 4-inch depth Securely stake forms to line and grade, and maintain in true position during concrete placement

2 Reinforcement Install 6 x 6, W2 9 x W2 9 welded wire fabric or No 3 reinforcing steel bars on 18-inch centers longitudinally and transversely Lay longitudinal bars in walk continuously, except through expansion joints Support reinforcement in manner to maintain reinforcement in center of slab vertically during placement

3 Expansion Joints Install expansion joints in accordance with Section

4 Colored concrete Where indicated on the drawings, apply coloring agent in accordance with manufacturers' instructions

5 Place concrete in forms to specified depth and tamp thoroughly with "jitterbug" tamp, or other acceptable method Bring mortar to surface

6 Strike off to smooth finish with wood strike board Finish smoothly with wood hand float Brush across sidewalk lightly with fine-haired brush

7 Unless otherwise indicated on Drawings, mark off joints 1/8 inch deep, at spacing equal to width of walk Use joint tool equal in width to edging tool

8 Finish edges with tool having 1/4-inch radius

9 After concrete has set sufficiently, refill space along sides of sidewalk to top of walk with suitable material Tamp fill firm and solid

D Protection

1 Maintain sidewalks and driveway in good condition until completion of Work
2 Replace sidewalks and driveway subsequently damaged by Contractor's operations

END OF SECTION

Section 02603
FRAMES, GRATES, RINGS. AND COVERS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Iron castings for manhole frames and covers, inlet frames and grates, catch basin frames and grates, meter vault frames and covers, adjustment rings and extensions

B Ring grates

1 02 UNIT PRICES

A No payment will be made for frames, grates, rings, covers, and seals under this Section Include payment in unit price for related item

B Refer to Section 01025 – Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submit product data in accordance with the applicable specification

B Provide copies of manufacturer's specifications, load tables, dimension diagrams, anchor details, and installation instructions

C Provide shop drawings for fabrication and erection of casting assemblies Include plans, elevations, sections and connection details Show anchorage and accessory items Include setting drawings for location and installation of castings and anchorage devices

PART 2 PRODUCTS

2 01 CASTINGS

A Castings for frames. grates, rings and covers shall conform to ASTM A48, Class 30 Provide locking covers if indicated on Drawings

B Castings shall be capable of withstanding the application of an AASHTO H-20 loading without permanent deformation

C Fabricate castings to conform to the shapes, dimensions, and with wording or logos shown on the Drawings

D Castings shall be clean, free from blowholes and other surface imperfections Cast holes in covers shall be clean and symmetrical, free of plugs

E Castings shall be made in U S A

2 02 BEARING SURFACES

A Machine bearing surfaces between covers or grates and their respective frames so that even bearing is provided for any position in which the casting may be seated in the frame

2 03 SPECIAL FRAMES AND COVERS

A Where indicated on the Drawings, provide watertight manhole frames and covers with a minimum of four bolts and a gasket designed to seal cover to frame Supply watertight manhole covers and frames, Model R-1916 manufactured by Neenah Foundry Company, Model V-2420 by Vulcan Foundry, or approval equal

2 04 FABRICATED RING GRATES

A Ring grates shall be fabricated from reinforcing steel conforming to ASTM A615

B Welds connecting the bars shall conform to AWS D12 1

PART 3 EXECUTION

3 01 INSTALLATION

A Install castings according to approved shop drawings, instructions given in related specifications, and applicable directions from the manufacturer's printed materials

B Set castings accurately at required locations to proper alignment and elevation Keep castings plumb, level, true and free of rack Measure location accurately from established lines and grades Brace or anchor frames temporarily in formwork until permanently set

C Ring grates shall be fabricated in accordance with drawings and shall be set in mortar in the mouth of the pipe bell

END OF SECTION

Section 02604
VALVE BOXES, METER BOXES, AND METER VAULTS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Valve boxes for water service

B Meter boxes for water service

C Meter vaults for water service

1 02 UNIT PRICES

A No separate payment will be made for valve boxes under this section Include payment in unit price for Section 02640 - Gate Valves

B Refer to Section 01025 – Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submittals shall conform to requirements of the applicable specification

B Submit manufacturers product data for following items for approval

1 Each type of valve box and lid
2 Each type of meter box and cover
3 Each type of meter vault frame and cover

C Submit shop drawings for cast-in-place meter vaults for approval if proposed construction varies from Drawings

PART 2 PRODUCTS

2 01 VALVE BOXES

A Provide Type "A", cast-iron, slide-type, valve boxes as manufactured by Sigma Corporation, East Jordan Iron Works, Inc or approved equal Design of valve box shall minimize stresses on valve imposed by loads on box lid

B Cast a letter "W" into lid, 1/2 inch in height and raised 3/32 inch, for valves serving potable water lines

C Coat boxes, bases, and lids by dipping in hot bituminous varnish

D Provide 6-inch PVC, Class 150, DR 18. riser pipes

E Concrete for valve box placement

1 For locations in new concrete pavement, use strength and mix design of new pavement

2 For other locations, use class "A" concrete, conforming to requirements of the applicable specification

2 02 METER VAULTS

A Meter vaults may be constructed of precast concrete, cast-in-place concrete, or solid masonry unless a specific type of construction is required by Drawings

B Concrete for meter vaults Class A concrete, conforming to requirements of applicable specification, with minimum compressive strength of 4000 psi at 28 days

C Reinforcing steel for meter vaults Conform to requirements of applicable specification

D Grates and Covers Conform to requirements of Section 02603 – Frames, Grates, Rings, and Covers

PART 3 EXECUTION

3 01 EXAMINATION

A Obtain approval from the Engineer for location of meter vault

B Verify lines and grade are correct

C Verify compacted subgrade will support loads imposed by vaults

3 02 VALVE BOXES

A Provide riser pipe with suitable length for depth of cover indicated on Drawings or to accommodate actual finish grade

B Install valve box and riser piping plumbed in a vertical position Provide 6-inches telescoping freeboard space between riser pipe top butt end, and interior contact flange of valve box, for vertical movement damping Riser may rest on valve flange, or provide suitable footpiece to support riser pipe

C After valve box has been set, aligned, and adjusted so that lid is level with final grade, pour a 18-inch by 18-inch by 6-inch thick concrete block around valve box Center valve box horizontally within concrete block

D Paint covers of new valve boxes in "Fluorescent Orange" when installed After completion and acceptance by Owner, repaint covers in "Blue" This work is incidental and no separate payment will be made

3 03 METER BOXES

A Install cast iron or concrete boxes in accordance with manufacturers instructions

B Construct concrete meter boxes to dimensions shown on Drawings

C Adjust top of meter boxes to conform to cover elevations specified in paragraph of this section for Frame and Cover for Meter Vaults

D Do not locate under paved areas unless approved by Engineer Use approved traffic-type box with cast iron lid when meter must be located in paved areas

3 04 METER VAULTS

A Construct concrete meter vaults to dimensions and requirements shown on drawings Do not cast in presence of water Make bottom as uniform as practicable

B Precast Meter Vaults

1 Install precast vaults in accordance with manufacturers recommendations Set level on a minimum 3-inch thick bed of sand conforming to the requirements of Section 02229 – Utility Backfill Materials

2 Seal lifting holes cement-sand mortar or non-shrink grout

C Meter Vault Floor Slab

1 Construct floor slabs of 6-inch-thick reinforced concrete Slope floor 1/4 inch per foot toward sump Make sump 12 inches in diameter, or 12 inches square, and 4 inches deep, unless other dimensions are required by Drawings Install dowels at maximum of 18 inches, center-to-center, or install mortar trench for keying walls to floor slab

2 Precast floor slab elements may be used for precast vault construction

D Cast-in-Place Meter Vault Walls

1 Key walls to floor slab and form to dimensions shown on Drawings Minimum wall thickness shall be 4 inches

2 Cast walls monolithically One cold joint will be allowed when vault depth exceeds 12 Feet

3 Set frame for cover while concrete is still green

3 05 FRAME AND COVER FOR METER VAULTS

A Set cast iron frame in a mortar bed and adjust elevation of cover as follows

1 In unpaved areas, set top of meter box or meter vault cover 2 to 3 inches above natural grade

2 In sidewalk areas, set top of meter box or meter vault cover 1/2 to 1 inch above adjacent concrete

3 06 BACKFILL

A Backfill and compact in accordance with Section 02227 – Excavation and Backfill for Utilities

B In unpaved areas, slope backfill around meter boxes and vaults to provide a uniform slope 1 to 5 from top to natural grade

C In sidewalk areas slope concrete down from meter boxes to meet adjacent concrete

END OF SECTION

Section 02607
ADJUSTING MANHOLES, INLETS, AND VALVE BOXES TO GRADES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Adjusting elevation of manholes, inlets, and valve boxes to new grades

1 02 UNIT PRICES

A No separate payment will be made for adjusting utility structures to grade under this section, unless otherwise indicated in bid proposal

B Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

PART 2 PRODUCTS

2 01 CONCRETE MATERIALS

A For cast in place concrete, refer to the applicable specification

B For precast concrete manhole sections and adjustment rings, refer to the applicable specification

C For mortar mix, conform to requirements of ASTM C 270, Type S using Portland Cement

2 02 CAST IRON ADJUSTING RINGS

A For cast iron adjusting rings, refer to Section 02603 - Frames, Grates, Rings and Covers

2 03 PIPING MATERIALS

A For riser pipes and fittings, refer to applicable piping materials specifications in Sections 02610 through 02620

PART 3 EXECUTION

3 01 EXAMINATION

A Examine existing structure, valve box, frame and cover or inlet box, frame and cover or inlet, and piping and connections for damage or defects that would affect adjustment to grade Report such damage or defects to the Engineer

3 02 ESTABLISHING GRADE

A Coordinate grade related items with existing grade and finished grade or paving and relate to established bench mark or reference line

3 03 ADJUSTING MANHOLES AND INLETS

A Elevation of manhole or inlet can be raised using precast concrete rings or metal adjusting rings Use of brick for adjustment of sanitary sewer manholes to grade is prohibited Elevation of manhole or inlet can be lowered by removing existing masonry, adjusting rings or the top section of the barrel below the new elevation and then rebuilding or raising the elevation to the proper height

B Grout inside and outside adjusting ring joints

C Salvage and reuse cast iron frame and cover or grate

D Protect or block off manhole or inlet bottom using wood forms shaped to fit so that no debris or soil falls to the bottom during adjustment

E Set the cast iron frame for the manhole cover or grate in a full mortar bed and adjust to the established elevation In streets, adjust covers to be 3/8 inch below pavement

F Verify that manholes and inlets are free of visible leaks as a result of reconstruction Repair leaks in a manner subject to the Engineer's approval

3 04 ADJUSTING VALVE BOXES

A Salvage and reuse valve box and surrounding concrete block

B Remove and replace 6-inch ductile iron riser pipe with suitable length for depth of cover required to establish the adjusted elevation to accommodate actual finish grade

C Reinstall valve box and riser piping plumbed in vertical position Provide minimum 6 inches telescoping freeboard space between riser pipe top butt end and interior contact flange of valve box for vertical movement damping

D After valve box has been set, aligned, and adjusted so that top lid is level with final grade, pour a 18-inch by 18-inch by 6-inch thick concrete pad around valve box Center valve box horizontally within concrete slab

3 05 BACKFILL AND GRADING

A Backfill the area of excavation surrounding each adjusted manhole, inlet, and valve box and compact according to requirements of Section 02227 - Excavation and Backfill for Utilities

B Grade the ground surface to drain away from each manhole and valve box Place earth fill around manholes to the level of the upper rim of the manhole frame Place earth fill around the valve box concrete block

C In unpaved areas, grade surface at a uniform slope of 1 to 5 from the manhole frame to natural grade Provide a minimum of 4 inches of topsoil conforming to requirements of the applicable specification and sod in accordance with the applicable specification

END OF SECTION

Section 02610
DUCTILE IRON PIPE AND FITTINGS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Ductile iron pipe and fittings for water mains, wastewater force mains, gravity sanitary sewers, and storm sewers

1 02 UNIT PRICES

A No separate payment will be made for ductile iron pipe and fittings under this Section Include cost in unit price for water mains, force mains, gravity sanitary sewers, and storm sewers

B Refer to Section 01025 – Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Conform to requirements of the applicable specification

B Submit shop drawings showing design of new pipe and fittings indicating alignment and grade, laying dimensions, fabrication, fitting, flange, and special details. Show station numbers for pipe and fittings corresponding to Drawings Production of pipe and fittings prior to review by the Engineer is at Contractor's risk

1 04 QUALITY CONTROL

A Provide manufacturer's certifications that all ductile iron pipe and fittings meet provisions of this Section and have been hydrostatically tested at factory and meet requirements of ANSI A21 51

B Provide certifications that all pipe joints have been tested and meet requirements of ANSI A21 11

PART 2 PRODUCTS

2 01 DUCTILE IRON PIPE

A Ductile iron pipe barrels· ANSI A21 15, ANSI A21 50 or ANSI A21 51, bear mark of Underwriters' Laboratories approval, pressure classes as shown on the Drawings and/or Bid Proposal

B Provide pipe sections in standard lengths, not less than 18 feet long, except for special fittings and closure sections as indicated on shop drawings and/or Bid Proposal

2 02 JOINTS

A Joint types ANSI A21 11 push-on, ANSI A21 11 mechanical joint, or ANSI A21 15 flanged end Provide push-on joints unless otherwise indicated on the Drawings or required by these specifications For bolted joints, bolts shall conform to requirements of AWWA C111

B Where restrained joints for buried service are required by Drawings, provide Series 1100 (MEGALUG) by EBAA Iron Inc , or equal

C Threaded or grooved type joints which reduce pipe wall thickness below minimum required are not acceptable

D Provide for restrained joints designed to meet test pressures required under Section 02676- Hydrostatic Testing of Pipelines

E Where ductile iron water main is cathodically protected from corrosion, bond rubber gasketed joints as shown on Drawings to provide electrical continuity along entire pipeline, except where insulating flanges are required by Drawings

2 03 GASKETS

A Furnish, when no contaminant is identified, plain rubber (SBR) gasket material, for flanged joints 1/8-inch thick gasket in accordance with ANSI A21 15

B Pipes to be installed in potentially contaminated areas, especially where free product is found near the elevation of the proposed pipeline, shall have the following gasket materials for the noted contaminants

Contaminant	Gasket Material Required
Petroleum (diesel, gasoline)	Nitrile Rubber
Other contaminants	As recommended by the pipe manufacturer

2 04 FITTINGS

A Use fittings of same size as pipe Reducers are not permitted to facilitate an off-size fitting Reducing bushings are also prohibited Make reductions in piping size by reducing fittings Line and coat fittings as specified for pipe they serve

B Push-on Fittings will not be allowed

C Flanged Fittings ANSI A21 10, ANSI B16 1 cast or ductile iron Flanges ANSI B16 1, Class 125, pressure rated at 250 psig

D Mechanical Joint Fittings ANSI A21 10 (AWWA C110), pressure rated at 250 psi

E Ductile Iron Compact Fittings for Water Mains ANSI A21 53 (AWWA C153), 4-inch through 12-inch diameter, fusion bonded epoxy-lined or cement-mortar lining; conform to requirements of Section 02630 - Polyethylene Wrap

2 05 COATINGS AND LININGS

A Water Main Interiors ANSI A21 4, cement lined with seal coat

B Sanitary Sewer and Force Main Interiors

1 Preparation Commercial blast cleaning conforming to SSPC-SP6

2 Liner thickness Nominal 40 mils, minimum 35 mils, for pipe barrel interior, minimum 6 - 10 mils at gasket groove and outside spigot end to 6-inches back from end

3 Testing ASTM G62, Method B for voids and holidays, provide written certification

4 Acceptable Lining Materials

a Virgin polyethylene conforming to ASTM D1248, with inert fillers and carbon black to resist ultraviolet degradation during storage heat bonded to interior surface of pipe and fittings, APolyline@ by American Cast Iron Pipe Company, or equal

b Polyurethane· Corro-pipe II by Madison Chemicals

c Ceramic Epoxy Protecto-401 by Enduron Protective Coatings

C Sanitary Sewer Point Repair Pipe For pipes which will be lined with high density polyethylene liner pipe or cured-in-place liner, provide cement-lined with seal coat in accordance with ANSI A21 4 For pipes which will not be provided with named liner, provide pipe as specified in Paragraph 2 05B

D Exterior

1 Water Lines

a Auger Holes Conform to requirements of Section 02629 - Polyurethane Coatings on Steel or Ductile Iron Pipe

b Above Ground (or Exposed) Conform to the following.

Provide a 3-coat epoxy/polyurethane coating system as designated below

Surface Preparation	SSPC SP10 Near White Blast Clean 2 0 to 3 0 mils surface profile
Prime Coat 2 0 to 4 0 mils DFT	ACRO 4422 Inhibitive Epoxy Primer, or approved equal
Intermediate Coat 4 0 to 6 0 mils DFT	ACRO 4460 Chemical Resistant Epoxy, or approved equal
Finish Coat 1 5 to 2 0 mils DFT	ACRO 4428 Polyurethane, Or approved equal

c Total minimum allowable dry film thickness for system 10 mils

d All materials shall be from same manufacturer

2 Sanitary Sewers Prime coat and outside asphaltic coating conforming to ANSI A21 10, ANSI A21 15, or ANSI A21 51 for pipe and fittings in open cut excavation and in casings

E Polyethylene Wrap For buried water lines and sanitary sewers, including point repairs, provide polyethylene wrap unless otherwise specified or shown Provide Polyethylene Wrap for all buried ductile iron pipe, including polyurethane coated pipe Conform to requirements of Section 02630 - Polyethylene Wrap

F For flanged joints in buried service, provide petrolatum wrapping system, Denso, or equal, for the complete joint and all alloy steel fasteners Alternatively, provide bolts made of Type 304 Stainless Steel

G Pipe to be installed in potentially contaminated areas shall have coatings and linings recommended by the manufacturer as resistant to the contaminants

2 06 MANUFACTURERS

A Pre-approved manufacturers of ductile iron are American Cast Iron Pipe Co , McWane Cast Iron Pipe Co , and U S Pipe and Foundry Co

PART 3 EXECUTION

3 01 INSTALLATION

A Conform to installation requirements of Sections 02664 - Water Mains, except as modified in this Section

B Install in accordance with AWWA C600 and manufacturer's recommendations

C Install all ductile iron pipe in polyethylene wrap, unless cathodic protection is provided Do not use polyethylene wrap with a cathodic protection system

D Holiday Testing

1 Polyurethane Conform to requirements of Section 02629 - Polyurethane Coatings for Steel or Ductile Iron Pipe

2 Fusion Bonded Epoxy Conform to requirements for new fittings in ANSI A21 16

3 02 GRADE

A Unless otherwise specified on Drawings, install ductile iron pipe for water service to clear utility lines with following minimum cover

Diameter (Inches)	Depth of Cover (Feet)
16 and 24	5
12 and smaller	3 5

3 03 FIELD REPAIR OF COATINGS

A Polyurethane Conform to requirements of Section 02629 - Polyurethane Coatings for Steel or Ductile Iron Pipe

B Fusion Bonded Epoxy Conform to requirements for new fittings in ANSI A21 16

END OF SECTION

Section 02611
STEEL PIPE AND FITTINGS

PART 1 GENERAL

1 01 SECTION INCLUDES

A New steel pipe and fittings for water mains, pumping facilities, and casings

1 02 UNIT PRICES

A Refer to Section 01025 – Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submit shop drawings, in accordance with requirements of the applicable specification

1 For aerial crossings and water plant/facilities, include design of new pipe and fittings indicating alignment and grade, laying dimensions, lining and coating systems, proposed welding procedures, fabrication, fitting, flange, and special details Show station numbers for pipe and fittings corresponding to Drawings

2 Production of pipe and fittings prior to review by the Engineer shall be at Contractor's risk

1 04 QUALITY CONTROL

A Provide manufacturer's certifications that all pipe and fittings have been hydrostatically tested at factory in accordance with AWWA C200, Section 3 4

B Provide manufacturer's affidavits that polyurethane coatings, linings and tape coatings comply with applicable requirements of this section and that coatings were applied and allowed to cure at a temperature 5 degrees above the dew point

C Provide manufacturer's affidavits that mortar coatings and linings comply with applicable requirements of this section and that linings were applied and allowed to cure at a temperature above 32 degrees F

D Prior to work being started, provide proof of certification of qualification for all welders employed for type of work, procedures and positions involved Qualifications shall be in accordance with AWWA C206

PART 2 PRODUCTS

2 01 STEEL PIPE

A Provide steel pipe designed and manufactured in conformance with AWWA C200 and AWWA M11 except as modified herein Steel shall be minimum of ASTM A36. ASTM A570 Grade 36, ASTM A 53 Grade B, ASTM A135 Grade B, or ASTM A139 Grade B

B Minimum Allowable Steel-Wall Thickness In accordance with following table for HS-20 live loads and depths of bury of up to 16 feet and AWWA C200 new uncoated welded steel

GENERAL PURPOSE CARBON STEEL PIPE

Casing Pipe Size	Min Wall O D	Thick	Approx Wt Per Lin Ft Unct'd
8"	8 625"	0 219"	19 64
10"	10 750"	0 219"	24 60
12"	12 750"	0 219"	29 28
14"	14 000"	0 219"	32 00
16"	16 000"	0 219"	36 86
20"	20.000"	0 250"	52 73
24"	24 000"	0 250"	63 41
30"	30 000"	0 250"	79 43

CASING PIPE
(ENCASEMENT SLEEVES)

Casing Pipe Size	Min Wall O D	Thick	Approx. Wt Per Lin Ft Unct'd
8"	8 625"	0 219"	19 64
10"	10 750"	0 219"	24 60
12"	12 750"	0 219"	29 28
14"	14 000"	0 219"	32 00
16"	16 000"	0 219"	36 86
20"	20 000"	0 250"	52 73
24"	24 000"	0 250"	63 41
30"	30 000"	0 250"	79 43

C Provide pipe sections in lengths of no less than 20 feet except as required for special fittings or closure sections

D Fittings Factory forged for sizes 4 inches through 24 inches, long radius bends, beveled ends for field butt welding, wall thickness equal to or greater than pipe to which fittings is to be welded, unless otherwise shown on the drawings

E Joints

1 Standard field joint for steel pipe AWWA C206

a Single-welded, lap joint
b Double-welded, butt joint

2 Provide mechanically coupled or flanged joints where required for valves and fittings, and as shown on Drawings Flanges AWWA C207, Class D, same diameter and drilling as Class 125 cast iron flanges ASA B16 1 Maintain electrically isolated flanged joints

between steel and cast iron by using epoxy-coated bolts, nuts, washers and insulating type gasket unless otherwise approved by Engineer

F Make curves and bends by use of beveled joints unless otherwise indicated on Drawings Contractor may submit details of other methods of providing curves and bends for consideration by the Engineer If other methods are deemed satisfactory, install at no additional cost to Owner

G Provide shop coated and shop lined steel pipe with minimum of one coat of shop applied primer approved for use in potable water transmission on all exposed steel surfaces Primer for tape coated steel pipe to be used for field-applied coatings shall have no less than 5 percent solids Provide primer compatible with coating system and in accordance with coating manufacturer's recommendations

H Standard or Special Sections Within 1/8 inch + of specified or theoretical lengths Flanges Square with pipe with bolt holes straddling both horizontal and vertical axis Provide 1/2-inch gap between pipe ends where pipe is to be coupled with sleeve couplings

2 02 EXTERNAL COATING SYSTEMS FOR BURIED STEEL PIPE

A General Supplied with either tape coatings or cement-mortar coatings as specified herein

1 Tape Coating AWWA C214, 80-mil shop-applied, Polyken YG-III, Tek-Rap Yard-Rap, or equal, except as modified herein Components primer, one 20-mil layer of inner-layer tape for corrosion protection and two 30-mil layers of outer-layer tape for mechanical protection Primer compatible with tape coating, supplied by coating-system manufacturer Provide pipe with shop coatings cut back from joint ends to facilitate joining and welding of pipe Taper successive tape layers by 1-inch staggers to facilitate field wrapping of joints Cutback approximately 4 to 4-1/2 inches to facilitate welding Inner and outer tape widths

Diameter	Tape Width
4" – 6"	6"
8" – 12"	9"
14" – 16"	12"
18" – 24"	18"

2 Cement-Mortar Coating AWWA C205; shop-applied, cement-mortar coating except as modified herein, 1-inch minimum thickness, cut back coating from joint ends no more than 2 inches to facilitate joining and welding of pipe

2 03 EXTERNAL COATING SYSTEM FOR STEEL PIPE IN TUNNEL, CASING OR AUGER HOLES

A Provide exterior coating system of pipe in augered holes or casing, without annular grout, as specified in Section 02629 - Polyurethane Coatings on Steel or Ductile Iron Pipe No additional exterior coating is required for mortar coated pipe

2 04 EXTERNAL COATING SYSTEM FOR STEEL PIPE INSTALLED ABOVEGROUND (OR EXPOSED)

A Provide a 3-coat epoxy/polyurethane coating system as designated below

Surface Preparation	SSPC SP10 Near White Blast Clean 2 0 to 3 0 mils surface profile
Prime Coat 2 0 to 4.0 mils DFT	ACRO 4422 Inhibitive Epoxy Primer, or approved equal
Intermediate Coat 4 0 to 6 0 mils DFT	ACRO 4460 Chemical Resistant Epoxy, or approved equal
Finish Coat 1 5 to 2 0 mils DFT	ACRO 4428 Polyurethane, Or approved equal

B Total minimum allowable dry film thickness for system 10 mils

C All materials shall be from same manufacturer

2 05 INTERNAL LINING SYSTEMS FOR STEEL PIPE

A General Supply steel pipe with either epoxy lining or shop applied cement mortar lining, capable of conveying water at temperatures not greater than 140□F All linings shall conform to American National Standards Institute/National Sanitation Foundation (ANSI/NFS) Standard 61 and certified by an organization accredited by ANSI Unless otherwise noted, coat all exposed (wetted) steel parts of flanges, blind flanges, bolts, access manhole covers, etc , with epoxy lining, as specified herein

B Epoxy Lining AWWA C210-92 - White, or approved equal for shop and field joint applied, except as modified herein

1 Surface Preparation SSPC-SP-10(64), Near White Blast Clean, 2 0 to 3 0 mils surface profile

2 Prime Coat ACRO 4460 NSF Certified Epoxy - Buff, 4 0 to 6 0 mils DFT or approved equal

3 Intermediate Coat ACRO 4460 NSF Certified Epoxy - Buff 4 0 to 6 0 mils DFT or approved equal

4 Finish Coat ACRO 4460 NSF Certified Epoxy - White 4 0 to 6 0 mils DFT or approved equal

5 Minimum allowable dry film system thickness 12 0 mils

6 Maximum allowable dry film system thickness 18 0 mils

7 Minimum field adhesion 700 psi

8 Dry film thicknesses for approved alternate products in accordance with the product manufacturer's recommendations

9 The lining system may consist of three or more coats of the same approved alternate epoxy lining without the use of a separate primer

10 Provide materials from the same manufacturer

C Shop Applied Cement Mortar Lining. AWWA C205, shop-applied cement mortar linings, except as specified herein 3/8 inch minimum thickness for pipe diameters 24 inches and smaller Pipe with cut back lining from joint ends no more than 2 inches to facilitate joining and welding of pipe

2 06 MORTAR FOR EXTERIOR JOINTS

A Cement Mortar One part cement to two parts of fine, sharp clean sand, mix with water to a consistency of thick cream

B Portland Cement. ASTM C150, Type II

C Sand

1 Inside joints AWWA C602, fine graded natural sand
2 Outside joints ASTM C33, natural sand with 100 percent passing No 16 sieve.

D Water ASTM D1888, Method A, total dissolved solids less than 1000 mg/l, ASTM D512 chloride ions less than 100 mg/l for slurry and mortar cure, ASTM D1293 pH greater than 6 5

PART 3 EXECUTION

3 01 PIPING INSTALLATION

A Conform to applicable provisions of Section 02664 - Water Mains except as modified herein

3 02 EXTERNAL COATING SYSTEM FOR BURIED STEEL PIPE

A Tape Coating System

1 Inspect pipe, prior to shipment, for holidays and damage to coating Perform electrical holiday test of minimum of 6,000 volts with a 60 cycle current audio detector If test indicates no holidays and outer wrap(s) is torn, remove damaged layers of outer wrap by carefully cutting with sharp razor-type utility knife Wash with Xylol area to be patched and at least 4 inches of undamaged tape where hand-applied tape wrap will overlap AWWA C209 cold-applied tape, compatible with tape-wrapping system applied for each layer of outer-wrap tape that has been removed If damaged area shows holiday when tested, remove outer layers and expose inner wrap Prime exposed area and overlaps with light coat of primer Firmly press into place patch of inner wrap of sufficient size to extend 4 inches from holidays in all directions Holiday test patch to verify that it is installed satisfactorily Retrim outer layer of tape to expose first wrap of outer-wrap tape sufficiently to allow minimum lap of 2 inches in all directions Wash exposed outer wrap tape with Xylol and prime Apply two layers of AWWA C209 outer wrap with 35 mils minimum thickness

2 Regardless of results of electrical holiday test, bubbles in tape coating system are not allowed Cut out bubbles and patch as detailed above

3 Field repairs and applications of coatings AWWA C209 around joint cutbacks except as modified herein Field-welded joints clean shop-primed ends of weld splatter, damaged primer and rust to achieve required surface preparation prior to field repair of linings and coatings

a Immediately prior to placing joint in trench, remove shop-applied primer by abrasive blasting, solvent or other method as approved by the Engineer Avoid damage to adjacent existing coatings. Clean surfaces to achieve surface preparation at least equivalent to SSPC SP6 in accordance with AWWA C209 Solvent environmentally safe and compatible with coating-system primer

b Apply primer immediately prior to application of first layer of tape to achieve maximum bond Apply tape while primer is still "tacky" with 3-inch minimum overlap over shop-applied coating

4 Do not expose tape coatings to harmful ultraviolet light for more than 90 days Discard (remove) and replace outer layer of tape coating when exposure exceeds 90 days In case of factory applied coatings, remove joint from site for removal and reapplication of outer layer of tape coatings

B At Owner's option, coating system and application may be tested and inspected at plant site in accordance with AWWA C214

C Cement Mortar Coating AWWA C205, 1-inch minimum thickness, cut back from joint ends no more than 2 inches to facilitate joining and welding of pipe

3 03 EXTERNAL COATING SYSTEM FOR STEEL PIPE INSTALLED ABOVEGROUND, IN VAULTS, TUNNELS OR CASINGS, AND INTERNAL LINING FOR ALL INSTALLATIONS

A Cement Mortar Lining AWWA C205, 1/2-inch minimum thickness, cut back from joint ends to facilitate joining and welding of pipe

B Safety Paints, coatings, and linings specified herein are hazardous materials Vapors may be toxic or explosive Protective equipment, approved by appropriate regulatory agency, is mandatory for all personnel involved in painting, coating, and lining operations

C Workmanship

1 Application By qualified and experienced workers who are knowledgeable in surface preparation and application of high-performance industrial coatings

2 Paint Application Procedures SSPC Good Painting Practices, Volume 1

D Surface Preparation

1 Prepare all surfaces for painting with abrasive blasting

2 Schedule cleaning and painting so that detrimental amounts of dust or other contaminants do not fall on wet, newly painted surfaces Protect surfaces not intended to be painted from effects of cleaning and painting operations

3 Prior to blasting, clean surfaces to be coated or lined of grease, oil and dirt by steaming or detergent cleaning in accordance with SSPC SP1

4 Metal and Weld Preparation Remove all surface defects such as gouges, pits, welding and torch-cut slag, welding flux and spatter by grinding to 1/4-inch minimum radius

5 Abrasive Material

a Blast only as much steel as can be coated same day of blasting

b Use sharp, angular, properly graded abrasive capable of producing depth of profile specified herein Transport abrasive to jobsite in moisture-proof bags or airtight bulk containers Copper slag abrasives are not acceptable

c After abrasive blast cleaning, verify surface profile with replica tape such as Tes-Tex Coarse or Extra Coarse Press-O-Film Tape, or approved equal Furnish tapes to Owner for filing and future reference

d Do not blast if metal surface may become wet before priming commences, or when metal surface is less than 5 degrees F above dew point

6 Remove all dust and abrasive residue from freshly blasted surfaces by brushing or blowing with clean, dry air

E Coating and Lining Application

1 Environmental Conditions Do not apply coatings or linings when metal temperature is less than 50 degrees F, when ambient temperature is less than 5 degrees F above dew point, when expected weather conditions are such that ambient temperature will drop below 40 degrees F within 6 hours after application of coating, or when relative humidity is above 85 percent Measure relative humidity and dew point by use of sling psychrometer in conjunction with U S Department of Commerce Weather Bureau Psychometric Tables Provide dehumidifiers for all field-applied coatings and linings to maintain proper humidity levels

2 Application Procedures

a Apply coatings and linings in accordance with manufacturer's recommendations and requirements of this section Provide a finish free of runs, sags, curtains pinholes, orange peel, fish eyes, excessive overspray or delaminations

b Thin materials only with manufacturer's recommended thinners Thin only amount required to adjust viscosity for temperature variations, proper atomization and flow-out Mix material components using mechanical mixers

c Discard catalyzed materials remaining at end of day

3 Apply primer immediately after surface has been cleaned Thoroughly dry pipe before primer is applied Apply succeeding coats before contamination of under surface occurs

4 Allow each coat of paint either to dry or cure amount of time recommended by coating or lining manufacturer before successive coats of paint are applied Apply all successive coats of paint within recoat threshold time as recommended by coating or lining manufacturer on printed technical data sheets or through written communications

3 04 INSPECTION

A Procure services of an independent testing laboratory or inspection service, approved by the Engineer, to perform tests on all portions of coating and lining applications Laboratory shall supply services of NACE Certified Coatings Inspectors having Level III Certification for all coating and linings inspection work Include cost of such testing in contract unit price bid for water main Furnish copies of all test reports to the Engineer for review If defective coatings or lining are revealed, cost of repair and testing of repair will be paid for by Contractor The Engineer shall have full and final decision as to suitability of all coatings and linings tested

B For all field applied coatings and linings, including joints, notify Owner sufficiently in advance of work so that Owner can perform examination of and acceptance of surface preparation and application of each coat prior to application of next coat Furnish appropriate test data to Owner verifying compliance with requirements of this section of each coat prior to proceeding with next coat. Recoat or repair runs, overspray, roughness and/or abrasives in coating, or other indications of improper application in accordance with coating or lining manufacturer's and the Engineer's instructions

C Repairs, surface preparation and painting will be subject to inspection by Owner Guidelines published by Steel Structures Painting Council will be used as basis for acceptance or rejection of cleaning, painting or coating application SSPC VIS1, Pictoral Surface, along with single-probe magnetic pull-off type dry film thickness gages, electrical holiday detectors, and standard wet film thickness gages will be used to determine acceptability of paint applications

D Check film thickness with nondestructive magnetic pull-off gage such as Mikrotest Model DFG-100 or electronic thickness gage National Bureau of Standards certified thickness calibration plates will be used to verify accuracy of thickness gage Determine maximum and minimum thickness in accordance with SSPC PA2 for frequency and method Evaluate each length of pipe under SSPC PA2 Consider each field joint area separate and discrete for purpose of DFT measurements Perform five spot DFT measurements on each field joint area (15 individual readings) Check thickness of each individual coat as well as thickness of overall system with respect to compliance with this Section Failure to meet either overall system thickness requirements or requirements of component coats shall be cause for rejection and recoat or repair of entire joint or length of pipe

E Holiday Test

1 Begin inspection after coating has sufficiently cured, usually one to five days (Consult coating manufacturer for specific curing schedule)

2 Use high-voltage d-c holiday detector such as D E Stearns Company Model 14/20 or Tinker & Rasor Model AP/W Use 1600 volts. plus or minus 100 volts Use brass brush type electrode

3 Ground high-voltage d-c holiday detector to metal being inspected Earth-type ground tape is not acceptable Mark detected defects with white chalk, repair and reinspect

4 Adhesion Tests ASTM D4541, pull-off testing using an Elcometer Model 106 Fixed Alignment Adhesion Tester Adhesion testing may be directed by the Engineer on any length of pipe or joint which exceeds maximum coating thickness limitations specified in this Section

3 05 COATINGS AND LININGS INSPECTION

A Owner reserves right to inspect or acquire service of independent third-party inspector who is fully knowledgeable of, and qualified to inspect, surface preparation and application of high-performance coatings to inspect any and all phases of all coatings and linings work, whether field or shop applied Contractor responsible for application and performance of coating and lining whether or not Owner provides such inspection

END OF SECTION

Section 02620
PVC PIPE

PART 1 GENERAL

1 01 SECTION INCLUDES

A Polyvinyl chloride pressure pipe for water distribution in nominal diameters 4 inches through 16 inches

B Polyvinyl chloride pressure pipe for water transmission in nominal diameters

C Polyvinyl chloride sewer pipe for gravity sanitary sewers in nominal diameters 4 inches through 48 inches

D Polyvinyl chloride pressure pipe for gravity sanitary sewers and force mains in nominal diameters 4 inches through 36 inches

1 02 UNIT PRICES

A No separate payment will be made for PVC pipe under this section Include cost in unit price for water mains, force mains, gravity sanitary sewers, and storm sewers

B Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1.03 SUBMITTALS

A Conform to requirements of the applicable specification

B Submit shop drawings showing design of new pipe and fittings indicating alignment and grade, laying dimensions, fabrication, fittings, flanges, and special details

1 04 QUALITY CONTROL

A Submit manufacturer's certifications that PVC pipe and fittings meet requirements of this Section and AWWA C 900 or AWWA C 905 for pressure pipe applications, or the appropriate ASTM standard specified for gravity sewer pipe

B Submit manufacturer's certification that PVC pressure pipe has been hydrostatically tested at the factory in accordance with AWWA C 900 or AWWA C 905 and this Section.

C When foreign manufactured material is proposed for use, have material tested for conformance to applicable ASTM requirements by certified independent testing laboratory located in United States Certification from any other source is not acceptable. Furnish copies of test reports to the Engineer for review Cost of testing shall be borne by Contractor or Supplier

PART 2 PRODUCTS

2 01 MATERIAL

A Use PVC compounds in the manufacture of pipe that contain no ingredient in an amount that has been demonstrated to migrate into water in quantities considered to be toxic

B Furnish PVC pressure pipe manufactured from Class 12454-A or Class 12454-B virgin PVC compounds as defined in ASTM D 1784 Use compounds qualifying for a rating of 4000 psi for water at 73 4 degrees F per requirements of PPI TR3 Provide pipe which is homogeneous throughout, free of voids, cracks, inclusions, and other defects, uniform as commercially practical in color, density, and other physical properties Deliver pipe with surfaces free from nicks and scratches with joining surfaces of spigots and joints free from gouges and imperfections which could cause leakage

C For PVC pressure pipe used for water mains, provide self-extinguishing PVC pipe that bears Underwriters' Laboratories mark of approval and is acceptable without penalty to Texas State Fire Insurance Committee for use in fire protection lines

D Gaskets

1 Gaskets shall meet the requirements of ASTM F 477 Use elastomeric factory-installed gaskets to make joints flexible and watertight

2 Pipes to be installed in potentially contaminated areas, especially where free product is found near the elevation of the proposed sewer, shall have the following gasket materials for the noted contaminants

CONTAMINANT	GASKET MATERIAL REQUIRED
Petroleum (diesel, gasoline)	Nitrile Rubber
Other contaminants	As recommended by the pipe manufacturer

E Lubricant for rubber-gasketed joints Water soluble, non-toxic, non-objectionable in taste and odor imparted to fluid, non-supporting of bacteria growth, having no deteriorating effect on PVC or rubber gaskets

2 02 WATER SERVICE PIPE

A Pipe 4-inch through 12-inch AWWA C 900, Class 150, DR 18 nominal 20-foot lengths, cast iron equivalent outside diameters

B Pipe 16-inch AWWA C 905, Class 235, DR 18, nominal 20-foot lengths, cast iron equivalent outside diameter

C PVC transmission waterline shall be in accordance to the provisions in the following table.

WALL CONSTRUCTION	MANUFACTURER	ASTM DESIGNATION	DR(max)/ STIFFNESS
Solid	J-M Manufacturing Co , Inc	AWWA C905	DR 18, 235PSI
	Diamond Plastics Corp.	AWWA C905	DR 18, 235PSI
	North American Pipe Corporation (NAPCO)	AWWA C905	DR 18, 235PSI
	IPEX	AWWA C905	DR 18, 235PSI

D Joints ASTM D 3139, push-on type joints in integral bell or separate sleeve couplings Do not use socket type or solvent weld type joints

E Make curves and bends by deflecting the joints Do not exceed maximum deflection recommended by the pipe manufacturer Submit details of other methods of providing curves and bends for review by the Engineer

F Hydrostatic Test AWWA C 900, AWWA C 905, ANSI A21 10 (AWWA C110), at point of manufacture, submit manufacturer's written certification

2 03 BENDS AND FITTINGS FOR PVC PRESSURE PIPE

A Bends and Fittings ANSI A21 10, ductile iron, ANSI A21 11 single rubber MJ joints, minimum 150 psi pressure rating

B Coatings and Linings Conform to requirements of Section 02610 – Ductile Iron Pipe and Fittings

C Restraints for large diameter PVC pipe (AWWA C905) at the bell shall be consist of the following

1 The restraint shall be manufactured of ductile iron conforming to ASTM A536

2 A backup ring shall be utilized behind the PVC bell

3 A restraint ring, incorporating a plurality or individually actuating gripping surfaces, shall used to connect the bell ring and gripping ring

4 The restraint shall be the Series 2800 as manufactured by EBAA Iron, Inc , or approved equal

2 04 GRAVITY SANITARY SEWER PIPE

A Polyvinyl Chloride (PVC) Plastic Sewer Pipe

1 Approved manufacturers include J-M Manufacturing, CertainTeed, Can-Tex, Carlon Company, Diamond Plastics Corp , North American Pipe Corp (NAPCO)

2 Pipe sizes 15 inches in diameter and smaller shall conform to ASTM D-3034, SDR 26

3 Pipe sizes 18 inches in diameter and larger shall conform to ASTM F-679, F-794, SDR 26

4 4" pipe (service connections) and fittings ASTM D 1785 and ASTM D-2466, Schedule 40

5 Pipe and fittings ASTM D-3034, Type PSM (PVC), SDR 35 or ASTM F-789 All connections including wyes, tees, stacks and stubs shall be full bodied.

6 Pipe jointing Spigot and integral wall section bell with solid cross section elastomeric or rubber ring factory-assembled and securely locked in place to prevent displacement, ASTM D 3212

7 Standard 13 ft or 20 ft plus or minus 1 in lengths

8 Pipe shall pass test ASTM D 2444 without shattering or splitting

9 Pipe shall pass test ASTM D 2412, minimum pipe stiffness 46 psi at 5% deflection

10 Joint, assembled in accordance with manufacturer's recommendation shall pass tightness test ASTM D 3212

11 The deflection of pipe after installation and backfill shall not exceed 5% of the average inside diameter

B POLYVINYL CHLORIDE (PVC) PLASTIC SEWER PIPE REQUIRED FOR SEPARATION FROM WATER LINES (REFER TO 3 1 AND PLANS)

1 Pipe and Joints

a Clean virgin, Type I, Grade I polyvinyl chloride complying with ASTM D 1784

b 6 in and smaller pipe AWWA C 900, DR-14, rated for 200 psi, UL listed

c 8 in to 12" AWWA C 900, DR-18, rated for 150 psi, UL listed or ASTM D 2241 PVC Pipe (SDR-PR), SDR 26 rated for 160 psi

d Greater than 12" pipe AWWA C 905 DR-25 rated for 165 psi, UL listed

e Integral bell with elastomeric or rubber solid cross section compression ring gasketed joints complying with ASTM D 3139

f Bears National Sanitation Foundation (NSF) testing laboratory seal

g Cast iron o d , ASTM D 1785 for AWWA C-900

2 Tests

a Each standard. random, or short length of pipe and each coupling sleeve, when manufactured from same material as pipe, shall be tested in accordance with USDC CS-272

b Use Class 150 except pipe 6 in or less shall be Class 200

3 Connections of PVC to Cast Iron Pipe, Fittings, and Valves

a Cast iron fittings Make connections of polyvinyl chloride pipe to cast iron fittings or gate valves in compliance with jointing methods recommended by pipe manufacturer

b Fittings shall be cement lined and sealed in compliance with AWWA C 104

2 05 SANITARY SEWER FORCE MAIN PIPE

A Provide PVC pressure pipe conforming to the requirements for water service pipe, and conforming to the minimum working pressure rating specified in applicable specification

B Acceptable pipe joints are integral bell-and-spigot, containing a bonded-in elastomeric sealing ring meeting the requirements of ASTM F 477 In designated areas requiring restrained joint pipe and fittings use EBAA Iron Series 2000PV, Uniflange Series 1350 restrainer, or equal joint restraint device conforming to UNI-B-13, for PVC pipe 12-inch diameter and less

C Fittings Provide ductile iron fittings as per Paragraph 2 03. except furnish all fittings with one of the following internal linings·

1 Nominal 40 mils (35 mils minimum) virgin polyethylene complying with ASTM D 1248, heat fused to the interior surface of the fitting, as manufactured by American Cast Iron Pipe "Polybond", or U S Pipe "Polyline"

2 Nominal 40 mils (35 mils minimum) polyurethane, Corro-pipe II by Madison Chemicals, Inc

3 Nominal 40 mils (35 mils minimum) ceramic epoxy, Protecto 401 by Enduron Protective Coatings

D Exterior Protection Provide polyethylene wrapping of ductile iron fittings as required by Section 02630 - Polyethylene Wrap

E Hydrostatic Tests Hydrostatically test pressure rated pipe in accordance with Paragraph 2 02 E

PART 3 EXECUTION

3 01 PROTECTION

A Store pipe under cover out of direct sunlight and protect from excessive heat or harmful chemicals in accordance with the manufacturer's recommendations

3 02 INSTALLATION

A Conform to requirements of Section 02664 – Water Mains

B Install PVC pipe in accordance with Section 02227 - Excavation and Backfill for Utilities, ASTM D 2321, and manufacturer's recommendations

C Water service pipe 12 inches in diameter and smaller Installed to clear utility lines and have minimum 4 feet of cover below lowest property line grade of street, unless otherwise required by Drawings

D For water service, exclude use of PVC within 200 feet (along the public right-of-way) of underground storage tanks or in undeveloped commercial acreage Underground storage tanks are primarily located on service stations but can exist at other commercial establishments

END OF SECTION

Section 02626
TAPPING SLEEVES AND VALVES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Tapping sleeves and valves for connections to existing water system

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submit product data in accordance with requirements of applicable specification

1 04 QUALITY CONTROL

A Provide manufacturer's affidavit that all valves purchased for tapping of existing waterlines conform to Section 02640 - Gate Valves and to applicable requirements of AWWA C500 and that they have been satisfactorily tested in accordance with AWWA C500

PART 2 PRODUCTS

2 01 MATERIALS

A Tapping Sleeves

1 Tapping Sleeve Bodies AWWA C110 cast or ductile iron, AWWA C200 carbon steel, in two sections to be bolted together with high-strength, corrosion-resistant, low-alloy, steel bolts, mechanical joint ends

2 Branch Outlet of Tapping Sleeve Flanged, machined recess, AWWA C207, Class D, ANSI 150 lb drilling Gasket Affixed around recess of tap opening to preclude rolling or binding during installation

3 Where fire service from 6-inch main is approved, use cast iron split sleeve

B Welded-steel tapping-sleeve bodies may be used in lieu of cast or ductile iron bodies for following sizes and with following restrictions

1 Flange AWWA C207, Class D, ANSI 150 lb drilling Gasket Affixed around recess of tap opening to preclude rolling or binding during installation

2 Steel sleeves are restricted to use on pipe sizes 6-inch and larger

3 Body Heavy welded-steel construction top half grooved to retain neoprene O-ring seal permanently against O D of pipe

4 Bolts AWWA C500 Section 3 5, coated with 100 percent vinyl resin or corrosive resistant material

5 Steel Sleeves Fusion-bonded epoxy coated to minimum 12-mil thickness Finished epoxy coat Free of laminations and blister, not peel, and remain pliant and resistant to impact Ship steel sleeves in wooden crates that provide protection from damage to epoxy coating during transport and storage

6 Acceptable steel tapping sleeve manufacturers are JCM and Rockwell, or approved equal

7 Tapping Sleeves Provide with 3/4-inch NPT test opening for testing prior to tapping Provide 3/4-inch bronze plug for opening

8 Do not use steel sleeves for taps greater than 75 percent of pipe diameter

C. Tapping Valves Meet all requirements of Section 02640 - Gate Valves with the following exceptions

1 Inlet Flanges

a AWWA C110, Class 125
b AWWA C110, Class 150 and higher Minimum eight hole flange

2 Outlet Standard mechanical joint, to fit any standard tapping machine

3 Valve Seat Opening Accommodate full-size shell cutter for nominal size tap without any contact with valve body, double disc resilient seat

D Valve Boxes Furnish and install according to Section 02604 – Valve Boxes, Meter Boxes, and Meter Vaults

PART 3 EXECUTION

3 01 GENERAL

A Install tapping sleeves and valves at locations and of sizes as shown on Drawings

B Thoroughly clean tapping sleeve, tapping valve and pipe prior to installation and in accordance with manufacturer's instructions

C Hydrostatically test installed tapping sleeve to 150 psig for a minimum of 15 minutes Inspect sleeve for leaks, and remedy leaks prior to tapping operation

D When tapping concrete pressure pipe, size on size, use shell cutter one standard size smaller than waterline being tapped

E Do not use Large End Bell (LEB) increasers with a next size tap unless existing pipe is asbestos-cement

3 02 INSTALLATION

A Tighten bolts in proper sequence so that undue stress is not placed on pipe

B Align tapping valve properly and attach it to tapping sleeve

C Make tap with sharp, shell cutter

1 For 12-inch and smaller tap, use minimum cutter diameter one-half inch less than nominal tap size

2 For 16-inch and larger tap, use manufacturer's recommended cutter diameter

D Withdraw coupon and flush all cuttings from newly made tap

E Wrap completed tapping sleeve and valve in accordance with Section 02664 – Water Mains

F Place concrete thrust block behind tapping sleeve (NOT over tapping sleeve and valve)

G Request inspection of installation prior to backfilling

H Backfill in accordance with Section 02227 – Excavation and Backfill for Utilities

END OF SECTION

Section 02627
WATER METERS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Water meters for customer service, including submeters (i e , cooling tower meters, sewer credit meters. etc), for fire service in sizes 5/8 inch through 10 inches

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

PART 2 PRODUCTS

2 01 GENERAL

A Owner furnishes all water meters

2 02 CONNECTIONS AND FITTINGS

A Connections Provide pipe in accordance with Section 02610 - Ductile Iron Pipe and Fittings and Section 02620 - PVC Pipe, restrained joints only

B Fittings Restrained ductile iron, push-on bell joints or mechanical joint fittings outside of meter vault installations, Class 125 flanged inside meter vaults, cement mortar lined and sealed

2 03 LAYING LENGTHS

A The minimum length (with 1 inch tolerance) for meter and standard strainer shall be shown as indicated on the detail drawing for water meters

PART 3 EXECUTION

3 01 TAPPING AND SERVICE LINE INSTALLATION

A Refer to Section 02626 for tapping requirements

B Service Line

1 Use pipe and fittings which conform to the requirements of Section 02610 - Ductile Iron Pipe and Fittings or Section 02620 - PVC Pipe

2 Only pull or deflect joints to limits recommended by manufacturer

3 Make vertical adjustments with offset bends where room will permit Minimize number of bends

4 Ten pipe diameters minimum of straight pipe length upstream and downstream of meter vault

3 02 METER FITTING HOOKUP

A Support meter piping, level and plumb meter during and after installation Meters 3 inches and larger· support at minimum two locations with concrete

B Use round flanged fittings inside meter box or vault except for mechanical joint to flange adapter Provide full-face 1/8-inch black neoprene or red rubber gasket material on flanged joints Provide bolts and nuts made from approved corrosion-resistant material

C Tighten all bolts in proper sequence and to correct torque

D Visually check for leaks under normal operating pressure following installation Repair or replace any leaking components

END OF SECTION

Section 02628
AUGERING PIPE FOR WATER LINES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Installing water service pipe by methods of auguring

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submit product data in accordance with requirements of applicable specification

B Submit product data for casing insulators for approval

C Prior to commencement of work, furnish for the Engineer's approval, a plan showing pit locations Approval of this plan will not relieve Contractor from responsibility to obtain specified results

D Show actual pit locations dimensioned on as-built drawings so that they can be identified in field

1 04 REGULATORY REQUIREMENTS

A Conform to Texas Department of Transportation for installations under state highways

B Installations under railroads

1 Secure and comply with requirements of right-of-entry for crossing railroad company's easement or right-of-way from railroad companies affected Comply with railroad permit requirements Submit copy to the Engineer

2 Use dry auger method only

3 No extra compensation for damages due to delays caused by the railroad requesting work to be done at hours which will not inconvenience the railroad

4 Maintain minimum 35-foot clearance from centerline of tracks

PART 2 PRODUCTS

2 01 MATERIALS

A Piping and Fittings As required by Drawings

B Casings Where required by Drawings, in accordance with Section 02611 - Steel Pipe and Fittings

C Insulators Where casings are required by Drawings, casing insulator width 8 inches for pipe sizes 4 to 14 inches, 12 inches for pipe sizes 16 to 30 inches As shown on drawings

D Casing End Seals Provide Pipeline Seal & Insulator Model C or approved equal

PART 3 EXECUTION

3 01 GENERAL

A Do not exceed 100 feet for length of auger hole for PVC pipe less than 12 inches in diameter without intermediate pit.

B Do not exceed 75 feet for length of auger hole for PVC pipe 12 inches to 16 inches in diameter without intermediate pit

C Do not exceed 40 feet for length of auger hole for PVC pipe greater than 16-inches in diameter without intermediate pit

3 02 PREPARATION

A Conform to applicable provisions of applicable specification

3 03 TRAFFIC CONTROL

A Conform to applicable provisions of applicable specification

B Secure right-of-entry for crossing railroad company's easement or right-of-way

3 04 JACKING

A Comply with Section 01526 - Trench Safety Systems for all pits, access shafts, end trenches and other excavations relating to work required by this specification

B If grade of pipe at jacking end is below ground surface, excavate suitable pits or trenches for conducting jacking operations and for placing end joints of pipe Wherever end trenches are cut in sides of embankment or beyond it, sheath securely and brace such work to prevent earth caving

C No more than one joint shall be made-up in pit or trench prior to jacking

D Construction shall not interfere with operation of railroad, street, highway, or other facility, nor weaken or damage embankment or structure

E During construction operations, furnish and maintain barricades and lights to safeguard traffic and pedestrians as directed by the Engineer, until such time as backfill has been completed and removed from site

F Provide heavy-duty jacks suitable for forcing pipe through embankment Use suitable jacking head, usually of timber, and suitable bracing between jacks and jacking head and suitable jacking frame or backstop so that jacking pressure will be applied to pipe uniformly around ring of pipe Set pipe to be jacked on guides, properly braced together, to support section of pipe and to direct it

in proper line and grade Place jacking assembly in line with direction and grade of pipe Excavate embankment material just ahead of pipe and remove material through pipe Force pipe through embankment with jacks, into space thus provided.

G Conform excavation for underside of pipe to contour and grade of pipe, for at least one third of circumference of pipe Provide clearance of not more than 2 inches for upper half of pipe Taper off upper clearance to zero at point where excavation conforms to contour of pipe

H Distance that excavation shall extend beyond end of pipe depends on character of material, but it shall not exceed 2 feet in any case Decrease distance on instructions from the Engineer, if character of material being excavated makes it desirable to keep advance excavation closer to end of pipe

I Jack pipe from low or downstream end Lateral or vertical variation in final position of pipe from line and grade established by the Engineer will be permitted only to extent of 1 inch in 10 feet, provided such variation is regular and only in one direction and that final grade of flow line is in direction indicated on plans

J Use cutting edge of steel plate around head end of pipe extending short distance beyond end of pipe with inside angles or lugs to keep cutting edge from slipping back onto pipe.

K Once jacking of pipe is begun, carry on without interruption, insofar as practicable, to prevent pipe from becoming firmly set in embankment

L Remove and replace any pipe damaged in jacking operations

M Backfill pits or trenches excavated to facilitate jacking operations immediately after completion of jacking of pipe

N Grout annular space when loss of embankment occurs or when clearance of two inches is exceeded

3 05 AUGERING (BORING)

A Auger from approved pit locations Excavate for pits and install shoring as outlined above under "Jacking " Auger mechanically with use of a pilot hole entire length of crossing and check for line and grade on opposite end of bore from work pit The large hole is to be no more than 2 inches larger than diameter of bell Place excavated material outside working pit and dispose of as required Use water or other fluids in connection with boring operation only to lubricate cuttings, jetting will not be permitted

B In unconsolidated soil formations, a gel-forming colloidal drilling fluid may be used Fluid is to consist of at least 10 percent of high-grade processed bentonite and shall consolidate cuttings of bit, seal walls of hole, and shall furnish lubrication for subsequent removal of cuttings and installation of pipe

C Grout annular space when loss of embankment occurs or when clearance of two inches is exceeded

3 06 CASING

A Install casings as required by Drawings, in accordance with this section

3 07 INSULATOR INSTALLATION

A There must be no inadvertent metallic contact between casing and carrier pipe Spacing of spacers should ensure that carrier pipe is adequately supported throughout its length, particularly at ends, to offset settling and possible electrical shorting End spacer must be within 6 inches of end of casing pipe, regardless of size of casing and carrier pipe or type of spacer used Casing spacers are designed to withstand much greater loads than can be safely applied to most coatings Therefore, spacing between spacers depends largely on load bearing capabilities of pipe coating and flexibility of pipe

B Bottom of trench adjacent to each end of casing should be graded to provide firm, uniform and continuous support for carrier pipe If trench requires some backfill to establish final trench bottom grade, backfill material should be placed in 6-inch lifts and each layer properly compacted

C Casing spacers should be installed in accordance with manufacturer's instructions Special care should be taken to ensure that all subcomponents are correctly assembled and evenly tightened, and that no damage occurs during tightening of insulators or carrier pipe insertion

D Annulus between carrier pipe and casing should be sealed with casing end seals at each end of casing

E Insulator Spacing

1 Spacing shall be as shown on Drawing with maximum distance between spacers to be 10 feet for pipe sizes 4 to 14 inches and 6 feet for pipe sizes 16 to 30 inches

2 If casing or carrier pipe is angled, bent or dented, spacing should be reduced

3 08 PITS

A Locate auger pits where there is minimum interference with traffic or access to property

B Pit Size Provide minimum 6-inch space between pipe and walls of bore pit Maximum allowable width of pit shall be 5 feet unless approved by the Engineer Width of pit at surface shall not be less than at bottom Maximum allowable length of pit shall be no more than 5 feet longer than one full joint of pipe and shall not exceed 25 feet unless approved by the Engineer

C Excavate bore pits to finished grade at least 6 inches lower than grade indicated by stakes or as approved by the Engineer

D Backfill in accordance with Section 02227 – Excavation and Backfill for Utilities

3 09 CLEANUP

A Conform to applicable provisions of applicable specification

3 10 FILLING ANNULAR SPACE

A Allowable variation from line and grade shall be as specified under "Jacking " Block void space around pipe in augered hole with approximately 12 inches of packed clay or similar material approved by the Engineer, to prevent bedding or backfill from entering the void around the pipe in the augered hole when compacted For pipe diameters 4 inches through 8 inches use minimum 1/2 cubic foot clay for pipe diameters 12 inches through 16 inches use minimum 3/4 cubic foot clay

END OF SECTION

Section 02629
POLYURETHANE COATINGS ON STEEL OR DUCTILE IRON PIPE

PART 1 GENERAL

1 01 SECTION INCLUDES

A. Two-component polyurethane coating system for use as an internal or external coating for steel or ductile iron pipe

1 02 UNIT PRICES

A No separate payment will be made for work performed under this Section Include cost of polyurethane coatings in contract unit bid prices for steel pipe or ductile iron pipe

1 03 SAFETY

A Secure, from manufacturer, Material Safety Data Sheet (MSDS) for polyurethane coatings and repair materials listed in this section

B Safety requirements stated in this specification and in related sections apply in addition to applicable federal, state and local rules and regulations Comply with instructions of coating manufacturer and requirements of insurance underwriters

C Adhere to handling and application practices of SSPC-PA Guide 3, SSPC-PS Guide 17 00, Coating Manufacturer's Material Safety Data Sheet

1 04 SUBMITTALS

A Submittals shall conform to requirements of applicable specification

B Submit coating manufacturer's catalog sheets and technical information for approval, prior to delivery of pipe

C Obtain from coating manufacturer and furnish to Engineer, a coating "affidavit of compliance" to requirements of this section stating that coatings were applied in factory and in accordance with manufacturer's minimum requirements

PART 2 PRODUCTS

2 01 COATING MATERIAL

A Coating Standard ASTM D16

B Coating System Use a Coating Standard ASTM D16 Type, V system which is a 2-package polyisocyanate, polyol-cured urethane coating The components are mixed in 1 1 ratio at time of application The components are balanced viscosities in their liquid state and do not require agitation during use

C Exterior Coating Material CORROPIPE II-TX and Joint Coating Material CORROPIPE II-PW, as manufactured by Madison Chemical Industries, Inc , 5673 Old Dixie Road, Forest Park, Georgia 30050, or approved equal

D Internal Coating Material Exterior Coating Material, CORROPIPE II-TX and Joint Coating Material CORROPIPE II-PW, as manufactured by Madison Chemical Industries, Inc , 5673 Old Dixie Road, Forest Park, Georgia 30050, or approved equal

E Cured Coating Properties

1 Conversion to Solids by Volume 97 percent plus or minus 3 percent

2 Temperature Resistance Minus 40 degrees F and plus 130 degrees F

3 Minimum Adhesion 500 psi, when applied without primer to ductile iron pipe which has been blasted to comply with SSPC-SP10

4 Cure Time For handling in 1 minute at 120 degrees F, and full cure within 7 days at 70 degrees F

5 Maximum Specific Gravities Polyisocyanate resin, 1 20. Polyol resin, 1 15

6 Minimum Impact Resistance 80 inch-pounds using 1-inch diameter steel ball where coating is applied at 30 mils to ductile iron pipe surface which has been blasted to SSPC No 10 finish

7 Minimum Tensile Strength 2000 psi

8 Hardness 55 plus or minus 5 Shore D at 70 degrees F

9 Flexibility Resistance ASTM D1737 using 1-inch mandrel Allow coating to cure for 7 days Perform testing on test coupons held for 15 minutes at temperature extremes specified in Paragraph 2 01E

2 02 REPAIR AND/OR TOUCHUP MATERIAL

A CORROPIPE II PW - TOUCHUP (two-component, brush applied), mix in accordance with coating manufacturer's recommendations

2 03 PACKAGING AND LABELING

A Containers Standard containers to prevent gelling, thickening deleteriously or forming of gas in closed containers within period of one year from date of manufacture

B Labeling Label each container of separately packaged component clearly and durably to indicate date of manufacture, manufacturer's batch number, quantity, color, component identification and designated name or formula specification number of coating together with special instructions Do not use coating components older than one year

2 04 DELIVERY, STORAGE AND HANDLING

A Delivery Deliver coating materials to pipe manufacturer in sealed containers showing designated name, batch number, color, date of manufacture and name of coating manufacturer

B Storage. Store material on site in enclosures, out of direct sunlight in warm, ventilated and dry area

C Protection Prevent puncture, inappropriate opening or other action which may lead to product contamination

PART 3 EXECUTION

3 01 SURFACE PREPARATION

A Remove deposits of oil, grease or other organic contaminates before blast cleaning by using solvent wash as specified in SSPC-SP1 Clean and dry surfaces making them completely dry, free of moisture, dust, grit, oil, grease or any other deleterious substances prior to application of coating

B Exterior and Interior Surfaces. SSPC-SP10, near-white metal blast cleaning The blasting shall be done with clean, hard, sharp cutting abrasives with no steel or cast iron shot in the mix

C Ductile Iron Pipe Prior to the start of production blasting, the Contractor shall prepare specimens for a white metal blast and a near-white metal blast using the equipment and abrasives proposed for the work During preparation of the specimens, the blasting intensity and abrasive shall be changed as necessary to provide the degree of cleaning required by SSPC-SP10, except that the color of the blasted substrate is not expected to match the color of blasted steel After examination and concurrence by the Engineer, the production blasting may begin The production blasting shall be monitored and controlled by the Contractor so that production pipe surfaces match the surface of the approved blasting specimens

3 02 THICKNESS

A External Coatings Minimum DFT of 25 mils (0 025 inch)

B Internal Coatings Minimum DFT of 35 mils

C Thickness Determinations Use Type 1 magnetic thickness gage as described in SSPC-PA2 specification Individual readings below 90 percent of specified minimum are not acceptable Average individual spot readings (consisting of three point measurements within 3 inches of each other) less than 95 percent of minimum are not acceptable Average of all spot readings less than minimum thickness specified are not acceptable

3 03 FACTORY APPLICATION OF POLYURETHANE COATING

A Equipment Two-component, 1 1 mix ratio, heated airless spray unit

B Temperature Minimum 5 degrees F above dew point temperature The temperature of the surface shall not be less than 60 degrees F during application

C Humidity Heating of pipe surfaces may be required to meet requirements of 2 01E if relative humidity exceeds 80 percent

D Do not thin or mix resins, use as received. Store resins at a temperature above 55 degrees F at all times

E Application Conform to coating manufacturer's recommendations Apply directly to substrate to achieve specified thickness. Multiple-pass, one-coat application process is permitted provided maximum allowable recoat time specified by coating manufacturer is not exceeded

F Recoating Recoat only when coating has cured less than maximum time specified by coating manufacturer When coating has cured for more than recoat time, brush-blast or thoroughly sand coating surface Blow-off cleaning using clean, dry, high-pressure compressed air

G Curing At ambient temperature above 0 degrees F Do not handle pipe until coating has been allowed to cure as follows

Ambient Temperature	Minimum Full Cure Time
Over 70°F	7 days
50 to 70°F	9 days
0 to 50°F	12 days

3 04 JOINTS

A Apply coating to unlined pipe surfaces including inside of bell socket and outside of spigot

B Joint Coating Materials· CORROPIPE II PW (instant-set, two-component material, plural component spray applied), or CORROPIPE II PW -TOUCHUP (two-component, brush applied)

C Coating thickness on sealing areas of spigot end of pipe exterior Minimum 8 mils (0 008 inch), maximum of 10 mils (0 010 inch) Maximum 10 mils may be exceeded in spigot end provided maximum spigot diameter as specified by pipe manufacturer is not exceeded

3 05 INSPECTION

A Engineer may inspect coatings at coating applicator's facilities

B Holiday Inspection AWWA C210, Section 5 3 3 1 Follow coating manufacturer's recommendation Conduct inspection any time after coating has reached initial cure Repair in accordance with paragraph 3 07, Repair and Field Touchup

3 06 PIPE INSTALLATION

A For wastewater projects, provide services of manufacturer's representative for period of not less than 2 weeks at beginning of actual pipe laying operations to advise Contractor regarding installation including but not limited to handling and storing, cleaning and inspecting, coatings repairs, and general construction methods as to how they may affect pipe coatings

B Handling, Shipment, and Storage Nylon straps, padded lifts and padded storage skids are required Field cuts should be kept to minimum Repair damage to coating due to handling or construction practices at no additional cost to See Section 02610 - Ductile Iron Pipe and Fittings and Section 02611 - Steel Pipe and Fittings for additional requirements

C Just before each section of pipe is to be placed into the trench, conduct a visual and holiday inspection Defects in the coating system shall be repaired before the pipe is installed

3 07 REPAIR AND FIELD TOUCHUP

A Apply repair/touchup materials in conformance with factory application of polyurethane coating requirements specified in this section, excluding equipment requirements

B Repair Procedure - Holidays

1 Remove all traces of oil, grease, dust, dirt, etc

2 Roughen area to be patched by sanding with rough grade sandpaper (40 grit)

3 Apply one coat of repair material described above Work repair material into scratched surface by brushing

C Repair Procedure - Field Cuts or Large Damage

1 Remove burrs from field cut ends or handling damage and smooth out edge of polyurethane coating

2 Remove all traces of oil, grease, dust, dirt, etc

3 Roughen area to be patched with rough grade sandpaper (40 grit) Feather edges and include overlap of 1 inch to 2 inches of roughened polyurethane in area to be patched

4 Apply thick coat of repair material described above Work repair material into scratched surface by brushing Feather edges of repair material into prepared surface Cover at least 1 inch of roughened area surrounding damage, or adjacent to field cut

D For Wastewater Projects, Repair Procedure - Thermite Brazed Connection Bonds

1 Remove polyurethane coating from area on metal surface which is to receive thermite brazed connection with power wire brush

2 Grind metal surface to shiny metal with power grinder and coarse grit grinding wheel

3 Apply thermite brazed connection using equipment, charge and procedure recommended by manufacturer of thermite equipment

4 After welded surface has cooled to temperature below 130 F, apply protective coating repair material to weld, exposed pipe surface and damaged areas of polyurethane coating

5 Do not cover or backfill freshly repaired areas of coating at thermite brazed connection until repair material has completely cured Allow material to cure in conformance with manufacturer's recommendations

END OF SECTION

Section 02630
POLYETHYLENE WRAP

PART 1 GENERAL

1 01 SECTION INCLUDES

A Polyethylene wrap for cast and ductile iron pipe to be used only in open-cut construction when cathodic protection system is not required by Drawings

1 02 UNIT PRICES

A No separate payment will be made for polyethylene wrap Include cost of polyethylene wrap in unit price for items wrapped

1 03 SUBMITTALS

A Submit product data in accordance with applicable specification

B Submit product data for proposed film and tape for approval

PART 2 PRODUCTS

2 01 MATERIALS

A Polyethylene Film Tubular or sheet form without tears, breaks, holidays or defects, conforming with requirements of AWWA C 105, 2 5 to 3 percent carbon black content, either low- or high-density

1 Low-density polyethylene film Low-density polyethylene film shall be manufactured of virgin polyethylene material conforming to the following requirements of ASTM D 1248

a Raw material

(1) Type I
(2) Class C (black)
(3) Grade E-5
(4) Flow rate (formerly melt index) 0 4 g/10 minute, maximum
(5) Dielectric strength Volume resistivity, 1015 ohm-cm, minimum

b Physical properties

(1) Tensile strength 1200 psi, minimum
(2) Elongation 300 percent, minimum
(3) Dielectric strength 800 V/mil thickness, minimum

c Thickness Low-density polyethylene film shall have a nominal thickness of 0 008 inch The minus tolerance on thickness is 10 percent of the nominal thickness

2 High-density, cross-laminated polyethylene film High-density, cross laminated polyethylene film shall be manufactured of virgin polyethylene material conforming to the following requirements of ASTM D 1248

a Raw material

(1) Type. III
(2) Class C (black)
(3) Grade P33
(4) Flow rate (formerly melt index): 0 4 to 0 5g/10 minute, maximum
(5) Dielectric strength Volume resistivity, 1015 ohm-cm, minimum

b Physical properties

(1) Tensile strength 5000 psi, minimum
(2) Elongation 100 percent, minimum
(3) Dielectric strength 800 V/mil thickness, minimum

c Thickness Film shall have a nominal thickness of 0 004 inch The minus tolerance of thickness is 10 percent of the nominal thickness

B Polyethylene Tape Provide 3-inch wide, plastic-backed, adhesive tape, Polyken No. 900, Scotchwrap No 50, or equal

PART 3 EXECUTION

3 01 INSTALLATION

A Preparation

1 Remove all lumps of clay, mud, cinders, etc , on pipe surface prior to installation of polyethylene encasement. Prevent soil or embedment material from becoming trapped between pipe and polyethylene

2 Fit polyethylene film to contour of pipe to effect a snug fit, but not tight, encase with minimum space between polyethylene and pipe Provide sufficient slack in contouring to prevent stretching polyethylene where it bridges irregular surfaces, such as bell-spigot interfaces, bolted joints or fittings, and to prevent damage to polyethylene due to backfilling operations Secure overlaps and ends with adhesive tape to hold polyethylene encasement in place until backfilling operations are complete

3 For installations below water table and/or in areas subject to tidal actions, seal both ends of polyethylene tube with adhesive tape at joint overlap

B Tubular Type (Method A)

1 Cut polyethylene tube to length approximately 2 feet longer than pipe section Slip tube around pipe, centering it to provide 1-foot overlap on each adjacent pipe section, and bunching it accordion-fashion lengthwise until it clears pipe ends

2 Lower pipe into trench and make up pipe joint with preceding section of pipe Make shallow bell hole at joints to facilitate installation of polyethylene tube

3 After assembling pipe joint, make overlap of polyethylene tube Pull bunched polyethylene from preceding length of pipe, slip it over end of new length of pipe, and secure in place Then slip end of polyethylene from new pipe section over end of first wrap until it overlaps joint at end of preceding length of pipe Secure overlap in place Take up slack width at top of pipe to make a snug, but not tight, fit along barrel of pipe, securing fold at quarter points

4 Repair cuts, tears, punctures, or other damage to polyethylene Proceed with installation of next section of pipe in same manner

C Tubular Type (Method B)

1 Cut polyethylene tube to length approximately 1 foot shorter than pipe section Slip tube around pipe, centering it to provide 6 inches of bare pipe at each end Take up slack width at top of pipe to make a snug, but not tight, fit along barrel of pipe, securing fold at quarter points; secure ends

2 Before making up joint, slip 3-foot length of polyethylene tube over end of preceding pipe section, bunching it accordion-fashion lengthwise After completing joint, pull 3-foot length of polyethylene over joint, overlapping polyethylene previously installed on each adjacent section of pipe by at least 1 foot, make each end snug and secure

3 Repair cuts, tears, punctures, or other damage to polyethylene Proceed with installation of next section of pipe in same manner

D Sheet Type

1 Cut polyethylene sheet to a length approximately 2 feet longer than pipe section Center length to provide 1-foot overlap on each adjacent pipe section, bunching it until it clears pipe ends Wrap polyethylene around pipe so that it circumferentially overlaps top quadrant of pipe Secure cut edge of polyethylene sheet at intervals of approximately 3 feet

2 Lower wrapped pipe into trench and make up pipe joint with preceding section of pipe Make shallow bell hole at joints to facilitate installation of polyethylene After completing joint, make overlap and secure ends

3 Repair cuts. tears, punctures, or other damage to polyethylene Proceed with installation of next section of pipe in same manner

E Pipe-shaped Appurtenances Cover bends, reducers, offsets, and other pipe-shaped appurtenances with polyethylene in same manner as pipe

F Odd-shaped Appurtenances When it is not practical to wrap valves, tees, crosses, and other odd-shaped pieces in tube, wrap with flat sheet or split length of polyethylene tube by passing sheet under appurtenance and bringing it up around body Make seams by bringing edges together, folding over twice, and taping down Tape polyethylene securely in place at valve stem and other penetrations

G Repairs Repair any cuts, tears, punctures, or damage to polyethylene with adhesive tape or with short length of polyethylene sheet or cut open tube, wrapped around pipe to cover damaged area, and secured in place

H Openings in Encasement Provide openings for branches, service taps, blowoffs, air valves, and similar appurtenances by making an X-shaped cut in polyethylene and temporarily folding back film After appurtenance is installed, tape slack securely to appurtenance and repair cut, as well as other damaged area in polyethylene, with tape Service taps may also be made directly through polyethylene, with any resulting damaged areas being repaired as described above

I Junctions between Wrapped and Unwrapped Pipe Where polyethylene-wrapped pipe joins an adjacent pipe that is not wrapped, extend polyethylene wrap to cover adjacent pipe for distance of at least 3 feet Secure end with circumferential turns of tape Wrap service lines of dissimilar metals with polyethylene or suitable dielectric tape for minimum clear distance of 3 feet away from cast or ductile iron pipe

END OF SECTION

Section 02640
GATE VALVES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Furnishing and installing gate valves and boxes

1 02 UNIT PRICES

A Refer to Section 01025 – Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submittals shall conform to requirements of the applicable specification

B Submit manufacturer's product data for proposed valves for approval

1 04 QUALITY CONTROL

A Provide manufacturer's affidavit that all gate valves have been satisfactorily tested in the United States in accordance with AWWA C500 and C509

PART 2 PRODUCTS

2 01 MATERIALS

A Gate Valves AWWA C500, C509 and additional requirements of this Section, direct bury and in subsurface vaults open counterclockwise

B If type of valve is not indicated on Drawings, gate valves shall be used as line valves for sizes less than 16-inches

C Gate Valves 1-1/2 Inches in Diameter and Smaller 125 psig, bronze, non-rising-stem, single-wedge, disc type, screwed ends, Nibco T-133, or equal

D Coatings for Gate Valves 2 Inches and Larger AWWA C550, Indurall 3300 or approved equal, non-toxic, not impart taste to water, function as physical, chemical, and electrical barrier between base metal and surroundings, minimum 8-mil-thick, fusion-bonded epoxy, prior to assembly of valve, apply protective coating to interior and exterior surfaces of body

E Gate Valves 2 Inches and 2 ½ inches in Diameter. Iron body, double disk gate, non-rising stem, 200-pound test, 2-inch square nut, Mueller or American Darling or approved equal, operating counterclockwise to open (open left)

F Gate Valves 4 Inches to 12 Inches in Diameter Non-directional, resilient wedge gate valves(AWWA C509), 200 psig, bronze mounting, mechanical joint and nut operated unless otherwise specified, Mueller or American Darling resilient wedge valve or approved equal, and comply with following

1 Design Fully encapsulated rubber wedge or rubber seat ring mechanically attached with minimum 304 stainless steel fasteners or screws, threaded connection isolated from water by compressed rubber around opening

2 Body Ductile iron, flange bonnet and stuffing box together with ASTM A307 Grade B bolts Cast in body manufacturer's initials, pressure rating. and year manufactured

3 Bronze Valve components in waterway to contain not more than 15 percent zinc and not more than 2 percent aluminum

4 Stems ASTM B763 bronze, alloy number 995 minimum yield strength of 40,000 psi, minimum elongation in 2-inches of 12%, non-rising

5 "O" Rings AWWA C509, sections 2 2 6 and 4 8 2

6 Stem Seals Consist of three "O" rings, two above and one below thrust collar with anti-friction washer located above thrust collar

7 Stem Nut Independent or integrally cast of ASTM B62 bronze

8 Resilient Wedge Molded, synthetic rubber, vulcanized and bonded to cast or ductile iron wedge or attached with 304 stainless steel screws tested to meet or exceed ASTM D429 Method B, seat against epoxy-coated surface in valve body

9 Bolts AWWA C509 Section 2 2 5, stainless steel, cadmium plated, or zinc coated.

G Gate Valves 14 Inches to 24 Inches in Diameter AWWA C500, mechanical joint with rubber rings and nut operated unless otherwise specified, double disc, 150 psi, and comply with following

1 Body Cast or ductile iron, flange together bonnet and stuffing box with ASTM A307 Grade B bolts Cast in body manufacturer's initials, pressure rating, and year manufactured Equipped with rollers, tracks and scrapers

2 Stems. Machined from ASTM B62 bronze rod with integral forged thrust collar machined to size, non-rising

3 Stem Seals Consist of one "O" ring above and one "O" ring below thrust collar with anti-friction washer located above thrust collar for operating torque

4 Stem Nut Independent or integrally cast of ASTM B62 bronze

5 Discs Cast iron with bronze disc rings securely peened into machined dovetailed grooves

6 Wedging Device Solid bronze or cast-iron, bronze-mounted wedges Thin plates or shapes integrally cast into cast-iron surfaces are acceptable Other moving surfaces integral to wedging action shall be bronze monel or nickel alloy-to-iron

7 Bronze Mounting Built as integral unit mounted over, or supported on, cast-iron base and of sufficient dimensions to be structurally sound and adequate for forces which will be imposed on it

8 Gear Cases Cast iron, furnished on all 18-inch and larger valves and of extended type with steel side plates, lubricated, gear case enclosed with oil seal or O-rings at all shaft openings

9 Stuffing Boxes Located on top of bonnet and outside gear case

H Gate Valves 20 Inches and Larger Furnish and equip with bypass valves

1 Sizes Provide 3-inch bypass valves for 16-inch through 20-inch gate valves Provide 4-inch bypass valves for 24-inch gate valves

I Valves 4 Inches through 12 Inches for Installation in Vertical Pipe Lines Double disc, square bottom

J Valves 14 Inches and Larger for Installation in Horizontal Pipe Lines Equipped with bronze shoes and slides

K Gate Valves Installed at Greater than 4-foot Depth Provide non-rising, extension stem having coupling sufficient to attach securely to operating nut of valve. Upper end of extension stem shall terminate in square wrench nut no deeper than 4 feet from finished grade

L Gate Valves in Factory Mutual (Fire Service) Type Meter Installations Conform to provisions of this specification, outside screw and yoke valves, carry label of Underwriters' Laboratories, Inc , flanged, Class 125, clockwise to close

M Provide flanged joints when valve is connected to steel.

PART 3 EXECUTION

3 01 EARTHWORK

A Conform to applicable provisions of Section 02227 - Excavation and Backfill for Utilities

3 02 SETTING VALVES AND VALVE BOXES

A Remove foreign matter from within valves prior to installation Inspect valves in open and closed positions to verify that all parts are in satisfactory working condition

B Install valves and valve boxes where shown on Drawings or as located by the Engineer Set valves plumb and as detailed Center valve boxes on valves Carefully tamp earth around each valve box for minimum radius of 4 feet, or to undisturbed trench face if less than 4 feet Install valves completely closed when placed in water line

C Regardless of type of pipe used in water line construction, pipe section of each valve box must be of cast iron, pipe cut to proper length Size to allow proper future operation of valve Assemble and brace box in vertical position as indicated on drawings

3 03 DISINFECTION AND TESTING

A Disinfect valves and appurtenances as required by Section 02675 – Disinfection of Waterlines

3 04 PAINTING OF VALVES

A Paint valves in vaults, stations and aboveground using ACRO Paint No 2215 or approved equal, unless otherwise directed

END OF SECTION

Section 02645
FIRE HYDRANT ASSEMBLY

PART 1 GENERAL

1 01 SECTION INCLUDES

A Fire hydrants

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submit product data in accordance with the applicable specification

1 Control drawing(s) for proposed hydrant Include model number, parts list, and material specifications, unique drawing number and descriptive legend identifying hydrant Such drawing(s) should be same as approval drawing(s) on file with the Owner

2 Material safety data sheets for lubricants

3 Affidavit of compliance for coating materials

4 Certified hydraulic performance test report for proposed hydrant

PART 2 PRODUCTS

2 01 HYDRANT MATERIALS

A Hydrants AWWA C502, dry barrel design, tamper resistant. same manufacturer throughout project

1 "O" Ring Seal Packing Prevent water leakage between barrel and lubrication chamber Provide dynamic seals of Buna "N" or other oil resistant material and static seals of Buna "N" or other approved synthetic rubber

2 Bronze Hydrant components in waterway to contain not more than 15 percent zinc and not more than 8 percent lead

3 Acceptable Manufacturer Mueller Super Centurian 250 or approved equal

B Operating Stems Everdur, or other high-quality non-corrodible metal where threads are located in barrel or waterway Bronze-to-bronze working parts in waterway, genuine wrought iron or steel where threads are not located in barrel or waterway, bronze bushed at penetration of stuffing box, seal threads against contact with water regardless of open or closed position of main valve Connect operating stems with breakable coupling

C Main Valve (shut-off valve) Circular, compression-type, closes with line pressure, minimum opening of 5-1/4 inches in diameter Seal bottom end of stem threads from contact with water with cap nut Valve shall open counterclockwise (open left)

D Valve Mechanism Bronze valve seat ring threaded into bronze drain ring, seat ring and main valve assembly removable from above ground through upper barrel with lightweight seat removal wrench, breakable stem coupling opposite barrel breakaway, bronze or corrosion-resistant pins and locking devices, bronze valve stem sleeve, O-ring seals and travel stop, sealed lubricating reservoir at top and bottom which fully lubricates threads and bearing surfaces when opening or closing main valve, thrust bearing or lubricated thrust collar for operating assembly Lubricants Food Grade Valve Seat Molded "Natural" rubber, scale durometer rating of 90 5, minimum thickness of 1/2 inch Natural Rubbers Resistant to microbiological attack

E Lower Hydrant Barrel Single piece coupled to upper barrel to allow 360-degree rotation of upper barrel Bury Length Distance from bottom of inlet to ground line as specified Ground Line Clearly marked on barrel Indicate inside diameter and wall thickness (with tolerances) for upper barrel, lower barrel, and bonnet sections Show dimensions at minimum sections to demonstrate compliance with Paragraph 3 2 6 of AWWA C502

F Extensions Permit use of one or more standard extensions available from manufacturer in lengths from 6 inches to 60 inches in 6-inch increments

G Provide hydrants with automatic, positively operating, non-corrodible drain or drip valve to drain hydrant completely when main valve is shut Bronze or corrosion resistant drain line Tapping of drain holes is not required

H Inlet Connection Elbow with AWWA Standard bell designed for 6-inch mechanical joint ANSI A21 11, AWWA C111

I Operating Nut and Hold-down Nuts Stainless steel or cast or ductile iron with bronze inserts or, as an alternative, provide security device with bronze operating nut Any such security devices shall not require special tools for normal off/on operation of hydrant Fabricate hold-down assemblies of suitable metallic materials for service intended

J Field-Replaceable Nozzles NFPA No 194, ANSI B26-1925, mechanically attached to hydrant body counterclockwise, sealed with "O" rings and mechanically located into place, provide two hose nozzles with 2-1/2 inch nominal inside diameter and one pumper nozzle with 4 ½ -inch nominal inside diameter, National Standard Threads, lock in place with security device

K Pumper Nozzle Allow a minimum unobstructed radius of 10 inches from threaded surface of nozzle throughout path of travel of wrench or other device used to fasten hose to nozzle

L Nozzle Caps Security chains to hydrant barrel, minimum 1/8-inch diameter, "Natural" rubber or neoprene gasket seals

M Hydrant shoe with 6-inch cast or ductile iron pipe diameter inlet, flanged, swivel or slip joint with harnessing lugs for restrained joints Underground flanging shall incorporate minimum of six full 3/4-inch diameter electro-galvanized or cadmium coated steel bolts or four 5/8-inch diameter stainless or cadmium coated steel bolts

N Provide traffic model hydrants equipped with safety flange on hydrant barrel and stem Equip body of hydrant with breakable flange, or breakable bolts, above finish grade

O Lubricate hydrants with food grade oil or with grease meeting requirements of FDA 21 CFR 178 3570 and manufactured with FDA approved oxidation inhibitors

P Accomplish replenishment of lubricant for hydrant working parts without removing hydrant bonnet Store lubricant system in reservoir Lubricate bearing surfaces and working parts during normal operation of fire hydrant

Q Hydrant Painting Shop coated as follows

1 Exterior Above Traffic Flange (including bolts and nuts)

a Surface Preparation· SSPC-SP10 (NACE 2), near white blast cleaned surface

b Coat with a three (3) coat alkyd/alkyd/silicone alkyd system with a total dry film thickness (DFT) of 6 - 9 mils as follows

1) Prime Coat Oil Modified Alkyd Primer, Acro Products No 1104, Heavy Duty Tank & Steel Primer, or approved equal, SSPC Paint Specification No 25 Total dry film thickness (DFT) 2 - 3 mils

2) Intermediate Coat Heavy Duty Industrial Alkyd Enamel, Acro Products No 2214, or approved equal, SSPC Paint Specification No 104, Federal Standard FF-E-489 Total dry film thickness (DFT) 2 - 3 mils

3) Finish Coat Silicone Alkyd Resin Enamel, Acro Products No 2215 or approved equal, SSPC Paint Specification No 21 Total dry film thickness (DFT) 2 - 3 mils

4) Colors Primer Manufacturer's standard color Finish coat of silver for hydrant body and red for bonnets All paints shall conform to the City of Texas City color code The Contractor shall verify the color code with the City

2 Exterior Below Traffic Flange

a Surface Preparation SSPC-SP10 (NACE 2), near white blast cleaned surface

b Coat with a three (3) coat system as follows

1) Primer and Intermediate Coat Cal tar epoxy, Acro Products No 4467, or approved equal, SSPC Paint Specification No 16 Apply two (2) coats with a dry film thickness (DFT) of 8 - 10 mils each for a total dry film thickness (DFT) of 16 - 20 mils

2) Finish Coat Water based vinyl acrylic mastic, Acro Products No 7782, or approved equal Apply one (1) coat with a dry film thickness (DFT) of 6 - 8 mils Finish coat color Same as finish coat for exterior above traffic flange, i e silver

3 Interior Surfaces Above and Below Main Valve

a All materials used for internal coating of hydrant interior ferrous surfaces must conform to ANSI/NSF Standard 61 as suitable for contact with potable water as required by Chapter 290, Rules and Regulations for Public Water Systems, Texas Commission on Environmental Quality (TCEQ)

b Surface Preparation SSPC-SP10 (NACE 2), near white blast cleaned surfaces

c Coating Liquid or powder epoxy system, AWWA Standard C550, latest revision Coating may be applied in two (2) or three (3) coats, according to manufacturer's recommendations, for a total dry film thickness (DFT) of 12 - 18 mils

4 General Coating Requirements

a Coatings Applied in strict accordance with manufacturer's recommendations No requirements of this specification shall cancel or supersede written directions and recommendations of specific manufacturer so as to jeopardize integrity of applied system

b Hydrant supplier shall furnish an affidavit of compliance that all materials and work furnished complies with requirements of this specification and applicable standards referenced herein

2 02 HYDRANT PERFORMANCE STANDARDS

A Hydraulic Performance Standards

1 Provide hydrants capable of a free discharge of 1500 gpm or greater from single pumper nozzle at a hydrant inlet static pressure not exceeding 20 PSIG as measured at or corrected to hydrant inlet at its centerline elevation

2 Provide hydrants capable of a discharge of 1500 gpm or greater from single pumper nozzle at a maximum permissible head loss of 8 0 psig (when corrected for inlet and outlet velocity head) for an inlet operating pressure not exceeding 37 psig as measured at or corrected to hydrant inlet at its centerline elevation

B Hydraulic Performance Testing AWWA C502, conduct certified pressure loss and quantity of flow test by qualified testing laboratory on production model (5-foot bury length) of hydrant (same catalog number) proposed for certification Submit certified test report containing following information

1 Date of test, no more than five years prior to date of proposed use, on fire hydrant with similar hydraulic characteristics

2 Name, catalog number, place of manufacture, and date of production of hydrant(s) tested

3 Schematic drawing of testing apparatus, containing dimensions of piping elements including

a Inside diameter and length of inlet piping

b Distance from flow measuring points to pressure measurement point
c Distance from flow and pressure monitoring points to hydrant inlet
d Distance from pressure monitoring point to nozzles
e Inside diameter and length of discharge tubing

4 Elevation of points of measurement, inlet, and

5 Reports, or certificates documenting accuracy of measuring devices used in test

6 Conduct test on at least three separate hydrants of same fabrication design Inlet water temperature 70 degrees F + 5 degrees F

C Provide hydrants equipped with breakable barrel feature and breakable valve stem coupling such that vehicular impact will result in clean and complete break of barrel and valve stem at breakable feature Provide hydrant shutoff valve which remains closed and tight against leakage upon impact

2 03 LEADS

A Branches (Leads) Conform to requirements of Section 02610 - Ductile-Iron Pipe and Fittings, Section 02611 - Steel Pipe and Fittings, and Section 02620 - PVC Pipe.

PART 3 EXECUTION

3 01 INSTALLATION

A Set fire hydrant plumb and brace at locations and grades as shown on Drawings When barrel of hydrant passes through concrete slab, place a piece of standard sidewalk expansion joint material, 1- inch thick, around section of barrel passing through concrete

B Locate nozzle centerline minimum 18 inches above finish grade

C Place 12-inch x 12-inch yellow indicators (plastic, sheet metal, plywood, or other material approved by Engineer) on pumper nozzles of new or relocated fire hydrants installed on new mains not in service Remove indicators after new main is tested and approved by Engineer

D Do not cover drain ports when placing concrete thrust block

E All changes in profile from approved plans due to obstructions not shown on plans which require a change in depth of bury of fire hydrant shall be approved in writing by Engineer for design prior to installation of hydrant Any adjustment required in flow line of water main or to barrel length of fire hydrant shall be incidental to unit price of fire hydrant and no separate payment shall be made for such adjustments

F Remove and dispose of fire hydrants shown on Drawings as per paragraph 1 02 C

G Owner may, at any time prior to or during installation of hydrants for a specific project, randomly select a furnished hydrant for disassembly and laboratory inspection, at Owner's expense, to verify compliance with Owner's requirements If such hydrant is found to be non-compliant, replace at Contractor's expense, all or a portion of furnished hydrants with hydrants that comply with Owner's requirements

H Install branches (leads) in accordance with Section 02664 - Water Mains

END OF SECTION

Section 02664
WATER MAINS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Installation of water mains

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submittals shall conform to requirements of the applicable specification

B Conform to submittal requirements of applicable specification section for type of pipe used

C Submit preconstruction and post construction photographs if required by the applicable specification

PART 2 PRODUCTS

2 01 PIPE MATERIALS

A Install pipe materials (as per this section) which conform to following

1 Section 02610 - Ductile Iron Pipe (DIP) and Fittings
2 Section 02611 - Steel Pipe and Fittings
3 Section 02620 - Polyvinyl Chloride (PVC) Pipe

B Type of pipe materials used are identified on Drawings

PART 3 EXECUTION

3 01 GENERAL

A Conform to applicable specification sections for types of pipe used

B Employ workmen who are skilled and experienced in laying pipe of type and joint configuration being furnished Provide watertight pipe and pipe joints Lay pipe with bell ends facing in direction of laying

C Lay pipe to lines and grades shown on drawings Use adequate surveying methods and equipment and employ personnel competent in use of this equipment Horizontal and vertical deviations from alignment as indicated on Drawings shall not exceed 0 10 feet Measure and record "as-built" horizontal alignment and vertical grade at maximum of every 50 feet on-site record drawings

D Confirm that separation from gravity sanitary sewers and manholes or force mains have minimum clearance of nine feet in all directions unless a special design is provided for on the drawings

E Where above clearance cannot be attained, and a special design has not been provided on Drawings, obtain direction from Engineer before proceeding with construction

F Inform Engineer if any unmetered sprinkler or fire line connections exist which are not shown on Drawings to be transferred to new main Make transfer only after approval by Engineer

G Keep pipe trenches free of water which might impair pipe laying operations Prevent pipe bells from coming in contact with subgrade Grade pipe trenches to provide uniform support along bottom of pipe Excavate for bell holes for proper sealing of pipe joints after bottom has been graded and in advance of placing pipe Lay not more than a nominal city block length of not more than 300 feet of pipe in trench ahead of backfilling operations Cover or backfill laid pipe if pipe laying operations are interrupted and during non-working hours Place all backfill carefully and simultaneously on each side of pipe to avoid lateral displacement of pipe and damage to joints If adjustment of pipe is required after it has been laid, remove and re-lay as new pipe

H Owner will handle, at no cost to Contractor, all operations involving opening and closing valves for wet connections and for chlorination Contractor is responsible for handling all necessary installations and removal of all chlorination and testing taps and risers

3.02 HANDLING, CLEANING AND INSPECTION

A Handling

1 Place pipe along project site where storm water or other water will not enter or pass through pipe

2 Pipe and Fittings Loaded, transported, unloaded and otherwise handled in manner and by methods which will prevent damage of any kind thereto Handle and transport pipe with equipment designed, constructed and arranged to prevent damage to pipe, lining and coating Do not permit bare chains, hooks, metal bars, or narrow skids or cradles to come in contact with coatings Where required, provide pipe fittings with sufficient interior strutting or cross bracing to prevent deflection under their own weight

3 Hoist pipe from trench side into trench by means of sling of smooth steel cable, canvas, leather, nylon or similar material

4 Use every precaution to prevent injury to pipe, protective linings and coatings

a Package stacked pipe on timbers Place protective pads under banding straps at time of packaging

b Pad fork trucks using carpet or some other suitable type of material Use nylon straps around pipe for lift when relocating pipe with crane or backhoe

c Do not lift pipe using hooks at each end of pipe

5 Repair damage to pipe or protective lining and coating before final acceptance by Owner at no additional cost to Owner

6 Reject pipe with visible cracks and remove from project site

B Cleaning. Thoroughly clean and dry interior of pipe and fittings of foreign matter before installation, and keep interior clean until Work has been accepted Keep joint contact surfaces clean until jointing is completed Do not place debris, tools, clothing or other materials in pipe. After all pipe laying and joining operations are completed, clean inside of pipe and remove all debris

C Inspection Before installation, inspect each pipe and fitting for defects Reject defective, damaged or unsound pipe and fittings and remove them from site

3 03 EARTHWORK

A Conform to applicable provisions of Section 02227 - Excavation and Backfill for Utilities and Section 02628 - Augering Pipe for Water Lines

B Bedding Use bedding materials in conformance with Section 02229 - Utility Backfill Materials and detail in Drawings

C Backfill Use bank run sand or earth or native soil as specified in Section 02229 - Utility Backfill Materials and in accordance with detail in Drawings

D Place material in uniform layers of prescribed maximum loose thickness and wet or dry material to approximately optimum moisture content Compact to prescribed density Take laboratory field density tests at Engineer's discretion

E Pipe Zone Including 6-inch pipe bedding and backfill to 12 inches above top of pipe

3 04 PIPE CUTTING

A Cut pipe 12-inch and smaller with standard wheel pipe cutters Cut pipe larger than 12-inch in manner approved by Engineer Make all cuts smooth and at right angles to axis of pipe Bevel plain end with heavy file or grinder to remove sharp edges

3 05 PIPING INSTALLATION

A Do not lay pipe unless subgrade is free of water Do not lay pipe when it is raining or when trench is muddy or soft Make adjustments of pipe to line and grade by scraping away subgrade or filling in with granular material Wedging or blocking up bell will not be acceptable

B Do not install pipe at greater depth than its design allows

C Protection of Pipeline Securely place stoppers or bulkheads in all openings and in end of line when construction is stopped temporarily and at end of each day's work

D For nonmetallic pipe, install tracer wire or magnetic locator tape continuously along the top of the pipe

3 06 JOINTS AND JOINTING

A Rubber Gasketed Bell-and-Spigot Joints (PVC and DIP)

1 Lubricate gaskets with nontoxic water-soluble lubricant before pipe units are joined

2 Fit pipe units together in manner to avoid twisting or otherwise displacing or damaging rubber gasket

3 After the pipe sections are joined, check gaskets to ensure that no displacement of gasket has occurred If displacement has occurred, remove pipe section and remake joint as for new pipe Remove old gasket, inspect for damage and replace if necessary before remaking joint

4 Where preventing movement of 12" diameter or greater pipe due to thrust is necessary, provide the following restrained joints, or equal

a Ductile-Iron Pipe

1) Super-Lock Joint by Clow Corporation
2) Flex-Ring or Lok-Ring by American Cast Iron Pipe Company
3) TR-Flex or Field-Lok Joint by U S Pipe and Foundry Company

b PVC Pipe

1) Fittings Series 2000 PV Fitting Restrainer by EBAA Iron, Inc (Mega Lug), or approved equal

2) Bell and Spigot Series 1600 Joint Restrainer by EBAA Iron, Inc . or approved equal

c Steel Pipe Welded joints (see Part 3 05C)

B Flanged Joints (DIP, Steel)

1 AWWA C207 Prior to installation of bolts, accurately center and align flanged joints to prevent mechanical prestressing of flanges, pipe and equipment Align bolt holes to straddle vertical, horizontal or north-south centerline Do not exceed 3/64 inch per foot inclination of flange face from true alignment.

2 Use full-face gaskets for all flanged joints Provide 1/8-inch thick cloth inserted rubber gasket material Cut gaskets at the factory to proper dimensions

3 Use galvanized or black nuts and bolts to match flange material Use cadmium-plated steel nuts and bolts underground Tighten bolts progressively to prevent unbalanced stress Draw bolts tight to ensure proper seating of gaskets

C Welded Joints (Steel)

1 Joints AWWA C206 Full-fillet single lap-welded slip type either inside or outside or double butt-welded type, use automatic or hand welders, provide complete penetration of deposited metal with base metal, provide filler metal suitable for use with base metal,

keep inside of fittings and joints free from globules of weld metal which would restrict flow or become loose Do not use mitered joints For interior welded joints, complete backfilling before welding For exterior field-welded joints, provide adequate working room under and beside pipe Use exterior welds for 30-inch and smaller

2 Bell-and-Spigot, Lap-Welded Slip Joints· Deflection may be taken at joint by pulling joint up to 3/4 inch as long as 1-1/2-inch minimum lap is maintained Spigot end may be miter cut to take deflections up to 5 degrees as long as proper joint tolerances are maintained Miter end cuts of both ends of butt-welded joints may be used for joint deflections of up to 5 degrees

3 Align piping and equipment so that no part is offset more than 1/8 inch Set all fittings and joints square and true, and preserve alignment during welding operation For butt-welded joints, align abutting ends to minimize offset between surfaces For pipe of same nominal wall thickness, do not exceed 1/16 inch offset Use line-up clamps for this purpose, however, care shall be taken to avoid damage to linings and coatings

4 Protect coal-tar-epoxy lining during welding by draping an 18-inch-wide strip of heat-resistant material over top half of pipe on each side of lining holdback to avoid damage to lining by hot splatter Protect tape coating similarly if external welding is required

5 Welding Rods Compatible with metal to be welded to obtain strongest bond, E-70XX

6 Deposit metal in successive layers to provide at least 2 passes or beads for automatic welding and 3 passes or beads for manual welding in completed weld

7 Deposit no more than 1/4 inch of metal on each pass Thoroughly clean each individual pass with wire brush or hammer to remove dirt, slag or flux

8 Do not weld under any weather condition that would impair strength of weld, such as wet surface, rain or snow, dust or high winds, unless work is properly protected

9 Tack weld of same material and make by same procedure as completed weld Otherwise, remove tack welds during welding operation

10 Remove dirt, scale and other foreign matter from inside piping before tying in sections, fittings or valves

D Joint Grout (Steel)

1 Mix grout by machine except when less than 1/2 cubic yard is required When less than 1/2 cubic yard is required, grout may be hand mixed Mix grout only in quantities for immediate use Use grout within 20 minutes after mixing Discard grout that has set Retempering of grout by any means is not permitted

2 Prepare grout in small batches to prevent stiffening before it is used Any grout which has become so stiff that proper placement cannot be assured without retempering by any means shall be wasted Provide grout for filling grooves of such consistency that it will adhere to ends of pipe

3 Surface Preparation Remove all defective concrete, laitance, dirt, oil, grease and other foreign material from concrete surfaces with wire brush or hammer to sound, clean

surface Remove rust and all foreign materials from all metal surfaces in contact with grout

4 Follow established procedures for hot and cold weather concrete placement

5 Complete joint grout operations and backfilling of pipe trenches as closely as practical to pipe laying operations Allow grouted exterior joints to cure at least 1 hour before compacting backfill

6 Grouting exterior joint space Use minimum 9-inch-wide Ethafoam "diaper" or wrapper placed around pipe and over joint Hold wrapper in place on both sides of joint with minimum 5/8-inch-wide steel straps or bands Place no additional bedding or backfill material on either side of pipe until after grout band is filled and grout has mechanically stiffened Pull ends of wrapper together at top of pipe to form access hole Pour grout down one side of pipe until it rises on other side Rod or puddle grout to ensure complete filling of the joint recess Agitate for 15 minutes to allow excess water to seep through joint band When necessary, add more grout to fill joint completely Protect gap at top of joint band from backfill by allowing grout to stiffen or by covering with a structurally protective material Do not remove band from joint

7 Interior Joints for Pipe Smaller than 24-inch Circumferentially butter bell with grout prior to insertion of spigot, strike off flush surplus grout inside pipe by pulling filled burlap bag or inflated ball through pipe with rope

8 Protect exposed interior surfaces of steel joint bands by metallizing, by other approved coatings, or by pointing with grout Joint pointing may be omitted on potable water pipelines if the joint bands are protected by zinc metallizing or other approved protective coatings

9 Remove and replace all improperly cured or otherwise defective grout at no additional cost to Owner

10 When installed in tunnel or encasement pipe and clearance within casing does not permit outside grout to be placed in normal manner, apply flexible sealer, such as Flex Protex by Gifford-Hill America, or equal, to outside joint prior to joint engagement Clean and prime surfaces receiving sealer in accordance with manufacturer's recommendations Apply sufficient quantities of sealer to assure complete protection of all steel in joint area Fill interior of joint with grout in normal manner after joint closure

E Joint Testing

1 In addition to testing individual joints with feeler gage approximately 1/2-inch wide and 0 015-inch thick, use any other joint testing procedure approved or recommended by pipe manufacturer which will help ensure watertight installation prior to backfilling These tests shall be made at no additional cost to Owner

2 On any joint or seam welded after hydrostatic testing or not subjected to hydrostatic testing, test 100 percent of welded joint by methods as described in section on Welded Joints Owner reserves right to require Contractor to make additional tests at Owner's expense except that if tests performed at Contractor's expense or Owner's expense indicate an unacceptable weld, then cost of test, subsequent repair of rejected weld and test of repaired weld shall be borne by Contractor

F Make curves and bends by deflecting joints or other method as approved by manufacturer and Engineer

1 Deflection of pipe joints shall not exceed maximum deflection recommended by pipe manufacturer, unless otherwise indicated on Drawings

2 If deflection exceeds that specified but is less than 5 percent, repair entire deflected pipe section such that maximum deflection allowed is not exceeded

3 If deflection is equal to or exceeds 5 percent from that specified, remove entire portion of deflected pipe section and install new pipe

4 Contractor shall replace, repair or reapply coatings and linings as required above

5 No additional payment will be made for above described work

6 Assessment of deflection may be measured by Owner at any location along pipe Arithmetical averages of deflection or similar average measurement methods will not be deemed as meeting intent of standard

7 Contractor may submit details of other methods of providing curves and bends for consideration by Engineer, and if deemed satisfactory, shall be installed at no additional cost to Owner

8 When rubber gasketed pipe is laid on a curve, joint pipe in a straight alignment and then deflect to curved alignment

G Closures and Field Modifications

1 Apply welded-wire fabric reinforcement to interior and exterior of all exposed interior and exterior surfaces greater than 6 inches in diameter Welded-wire fabric minimum W1, maximum spacing 2 inches by 4 inches, 3/8 inch from surface of steel plate or middle third of lining or coating thickness for mortar thickness less than 3/4 inch

2 Fill all exposed interior and exterior surfaces with nonshrink grout

3 07 SECURING, SUPPORTING AND ANCHORING

A Support piping as shown on Drawings and as specified herein, to maintain line and grade and prevent transfer of stress to adjacent structures

B Where shown on Drawings, anchor pipe fittings and bends installed on water main by welding consecutive joints of pipe together to distance each side of fitting Restrained length, as shown on Drawings, assumes that installation of pipe and subsequent hydrostatic testing begin upstream and proceed downstream, with respect to normal flow of water in pipe If installation and testing differs from this assumption, submit for approval revised method of restraining pipe joints upstream and downstream of device used to test against (block valve, blind flange or dished head plug)

C. Provide adequate temporary blocking of fittings when making connections to distribution system and during hydrostatic tests Provide sufficient anchorage and blocking to resist all stresses and forces encountered while tapping existing waterline

3 08 THRUST RESTRAINT

A For new water lines 12 inches in diameter and larger, restrain joints as specified in Part 3 06 A 4 of this section The new water line shall also be additionally restrained with concrete thrust blocking

B For existing waterlines and waterlines less than 12 inches in diameter, restrain pipe joints with concrete thrust blocks or provide joints as specified in Part 3 06A 4 of this section

C Prevent any lateral movement of thrust restraints throughout pressure testing and operation Place 2500 psi concrete conforming to the applicable specification, for blocking at each change in direction of existing water lines, and water lines 12 inches in diameter and smaller to brace pipe against undisturbed trench walls Complete placement of concrete blocking, made from Type I cement, 4 days prior to hydrostatic testing of pipeline. Test may be made 2 days after completion of blocking if Type II cement is used

3 09 POLYETHYLENE WRAP

A Double wrap all ductile iron pipe and appurtenances (except fire hydrants) with 8-mil polyethylene film

B Conform to requirements of Section 02610 – Ductile Iron Pipe and Fittings

3 10 CLEANUP, RESTORATION AND PAYMENT

A Provide "cleanup" and "restoration" crews to work closely behind pipe laying crews, and where necessary, during chlorination, testing, service transfers, abandonment of old mains, backfill and surface restoration

B Upon completion of water line installation in a street and prior to moving to another, chlorinate and pressure test Provide City a sampling point every 1000 L F for testing Begin transfer of services no later than seven calendar days after successful completion of chlorination and pressure testing

C After completion of transfer of services, but no later than 21 calendar days after successful completion of chlorination and pressure testing, begin abandonment of old mains, backfill, resod, and placement of sidewalks and pavements

D Do not begin construction of additional sections if above conditions are not met

3 11 CLEANING PIPING SYSTEMS

A Remove construction debris or foreign material and thoroughly clean and flush piping systems Provide temporary connections, equipment and labor for cleaning

3 12 DISINFECTION OF WATERLINES

A Conform to requirements of Section 02675 - Disinfection of Waterlines

B No waterline will be paid for until properly disinfected

3 13 FIELD HYDROSTATIC TESTS

A Conform to requirements of Section 02676 - Hydrostatic Testing of Pipelines

B No waterline will be paid for until properly tested

END OF SECTION

Section 02665
RESIDENTIAL WATER SERVICE CONNECTIONS AND/OR RECONNECTIONS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Tapping existing mains and furnishing and installing new service lines for water

B Install at locations indicated or as directed Where applicable, coordinate change over of water service lines with owner

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 DEFINITIONS

A Short Side Connection Service line connections proposed curb stop, located inside water meter box, to water main on same side of street

B Long Side Connection Service line connecting proposed curb stop, located inside water meter box, to water main on opposite side of street or from center of streets where supply main is located in street center such as boulevards and streets with esplanades

PART 2 MATERIALS

2 01 SERVICE SADDLE

A Ford iron service saddles FC101 or ROMAC Industries, Inc style 101N as applicable for pipe diameters for 2-inch, 6-inch, 8-inch or 12-inch PVC or equal

2 02 CORPORATION STOP

A For sizes required, AWWA Brass 85-5-5-5, Ford Corporation stops, F1000-3 (3/4"), F1000-4 (1"), AWWA/CC taper thread inlet by pack joint outlet for Polyethylene tubing or equal.

2 03 TUBING

A Polyethylene Service Line Bearing seal of approval of National Sanitation Foundation for use in potable water systems In accordance with ASTM D2737 and AWWA C901 Table 7 Use pressure class 200, having a DR 9 or Schedule 80 PVC For use between water main and meters

2 04 YOKE ASSEMBLY

A For size required, Series 200 Yoke Assembly

1 Iron yoke piece, Ford 200 Series with integral outlet FIP threads, Catalog No Y202

2 Expansion connection, Ford Catalog No EC-23

3 Inlet valve or coupling (yoke valve) Ford Catalog No B94-223W

2 05 METER BOXES

A For Single Service Brooks Products, Inc , No 36H Series, 10½-inch x 17¼-inch inside, 11-inch depth, with reinforced concrete cover with hinged self-closing cast-iron reading lid permanently secured cover by Brass Hinge Pin

B For Double Service Brooks Products, Inc , Dual Meter Box No 12H, Dual Series, 15½-inch x 17½-inch inside, 11-inch depth with reinforced concrete cover with hinged self-closing cast-iron reading lids permanently secured cover by Brass Hinge Pins

2 06 WATER METERS

A Of size required, Rockwell SR Sealed Register Water Meter, or approved equal, complete with two connecting pieces The City will provide the water meter and box

PART 3 CONSTRUCTION METHODS

3 01 RESIDENTIAL SERVICE CONNECTIONS

A Where service connections are to be installed on new mains, install before main is tested and sterilized Where service connections are to be installed on existing mains no sterilization is required Open-cut trenches across paved surfaces will not be permitted Install under existing paved surfaces including sidewalks in augered hole Flush service line before installing meter

3 02 RESIDENTIAL SERVICE REPLACEMENT

A Provide complete new service replacement from water main (existing or proposed) to existing water meter inlet Tubing shall be one continuous piece from corporation stop to water meter (splicing will not be permitted) Provide stainless steel inserts at all fittings for service line tubing Where service replacements are to be installed on new mains, install before main is tested and sterilized Where service replacements are to be installed on existing mains, no sterilization is required Prior to final connection to existing meter, sterilize curb stop with strong solution of chlorinating agent Open-cut trenches across paved surfaces will not be permitted Install under existing paved surfaces, including sidewalks, in augered hole Flush service line before connecting to existing meter

3 03 SERVICE LINE DEPTH

A Maintain minimum of three foot of cover until necessary to rise for meter connection

PART 4 MEASUREMENT

4 01 RESIDENTIAL SERVICE REPLACEMENT

A Measurement per each as either long or short side single replacement (either 1-inch or 1 1/2-inch as applicable) Installation to be measured to include furnishing and installing following materials

Materials	Single Service	Double Service
Tap in Main	1 at 1-inch	1 at 1 1/2-inch
Service Clamp	As Required by Main Size	As Required by Main Size
Corporation Stop	1 at 1-inch	1 at 1 1/2-inch
U-Branch	Not required	1 1/2 –inch by 1-inch
Curb Stop	1 at 1-inch	1 at 1-inch
Service Line Tubing	1-inch	1 1/2-inch

END OF SECTION

Section 02667
WET CONNECTIONS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Wet connections for new water mains and service lines to existing water mains

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 DEFINITIONS

A Wet connections consist of isolating sections of pipe to be connected with installed valves, draining the isolated sections, and completing the connections

B Connection of 2 inch or smaller lines, which may be referred to on Drawings as "2 inch tap connections" will be measured as 2" wet connections This item is not to be used as any part of a 2-inch service line

PART 2 PRODUCTS

2 01 MATERIALS

A Pipe shall conform to requirements of applicable portions of Sections 02610 through 02627

B Corporation stops and saddles shall conform to requirements of Section 02665 - Residential Water Service Connections and/or Reconnections

C Valves shall conform to requirements of Section 02640 - Gate Valves

D Brass fittings shall conform to requirements of AWWA C800

PART 3 EXECUTION

3 01 GENERAL

A Plan wet connections in such manner and at such hours as to least inconvenience public. Notify Engineer at least 72 hours in advance of making connections

B Do not operate valves on mains in use by Owner Owner will handle, at no cost to Contractor, all operations involving opening and closing valves for wet connections

C Conduct connection operations when Inspector is at job site Connection work shall progress without interruption until complete, once existing mains have been cut or plugs have been removed for making connections

3 02 2-INCH WET CONNECTIONS

A Tap water main Provide and install corporation stops, saddles, copper tubing as required for line and grade adjustment, and brass fittings necessary to adapt to existing main Provide 2-inch valves when indicated on Drawings for 2-inch connections

END OF SECTION

Section 02669
CUT, PLUG AND ABANDONMENT OF MAINS

PART 1 GENERAL

1 01 SECTION INCLUDES

A Cut, plug and abandonment of water mains

1 02 UNIT PRICES

A Refer to Section 01025 - Measurement and Payment for Water Line Construction for unit price procedures

1 03 SUBMITTALS

A Submittals shall conform to requirements of the applicable specification

B Submit product data for proposed plugs and clamps for approval

PART 2 PRODUCTS

2 01 MATERIALS

A Concrete for reaction blocks Class B conforming to requirements of the applicable specification

B Plugs and clamps shall be suitable for type of pipe to be plugged.

PART 3 EXECUTION

3 01 GENERAL

A Do not begin cut, plug and abandonment operations until replacement main has been constructed, disinfected, and tested, and all service lines have been transferred to replacement main

B Install plug, clamp, and concrete reaction block and make cut at location shown on Drawings

C Main to be abandoned shall not be valved off and shall not be cut or plugged other than at supply main or as shown on Drawings

D After main to be abandoned has been cut and plugged, check for other sources feeding abandoned main If sources are found, notify Engineer immediately. Cut and plug abandoned main at point of other feed as directed by Engineer

E Plug or cap all ends or openings in abandoned main in an acceptable manner approved by Engineer

F Remove and dispose of all surface identifications such as valve boxes and fire hydrants, unless otherwise indicated on plans

G Backfill all excavations in accordance with Section 02227 – Excavation and Backfill for Utilities

H Repair all street surfaces in accordance with details

END OF SECTION

Section 02675
DISINFECTION OF WATERLINES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Disinfection of potable waterlines

1 02 UNIT PRICES

A No separate payment will be made for disinfection of waterlines under this Section Include payment in unit price of waterlines being disinfected

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3 01 GENERAL

A All waterlines constructed shall be promptly disinfected before any tests are conducted on waterlines and before waterlines are connected to water distribution system

B Water for disinfection and flushing will be furnished without charge to Contractor

3 02 PREPARATION

A Furnish all required temporary blind flanges, cast-iron sleeves, plugs, and other items needed to facilitate disinfection of new mains prior to connecting them to water distribution system Normally, each valved section of waterline requires two each 3/4-inch taps A 2-inch minimum blow-off is required for waterlines up to and including 6-inch diameter

B Fire hydrants shall be used as blow-offs to flush newly constructed waterlines 8-inch diameter and above Where fire hydrants are not available on waterlines, locations and designs for blow-offs shall be as indicated on Drawings Install temporary blow-off valves and remove promptly upon successful completion of disinfection and testing

C Slowly fill each section of pipe with water in a manner approved by Engineer Average water velocity when filling pipeline should be less than 1 fps and shall not, under any circumstance, exceed 2 fps Before beginning disinfection operations, expel all air from pipeline

D All excavations made shall be backfilled immediately after installation of risers or blow-offs

E Install blow-off valves at end of main to facilitate flushing at all dead-end water mains Install permanent blow-off valves as per drawing

3 03 DISINFECTION

A Use not less than 100 parts of chlorine per million parts of water Introduce chlorinating material to water lines in accordance with AWWA C651 After contact period of not less than 24 hours, flush system with clean water until residual chlorine is no greater than 1 0 parts per million parts of water Open and close valves in lines being sterilized several times during contact period

B If a chemical compound is used for a sterilizing agent, it shall be placed in pipes as directed by Engineer

3 04 BACTERIOLOGICAL TESTING

A Standard Specifications AWWA C651-86 as applicable

B Bacterial Analysis Following disinfection and flushing, the Owner will perform bacteriological analysis to check effectiveness of disinfection Contract will assist owner in the performance of the bacteriological analysis Methods of bacteriological analysis are as specified in the Standard Methods for Examination of Water and Wastewater by the American Public Health Association, latest edition No main shall be placed in service or accepted until water samples are approved by the Texas Department of Health

C Test a minimum of one sample for each 1,000-feet of completed main

3 05 COMPLETION

A Upon completion of disinfection and testing, remove risers except those approved for use in subsequent hydrostatic testing, and backfill excavation promptly

END OF SECTION

Section 02676
HYDROSTATIC TESTING OF PIPELINES

PART 1 GENERAL

1 01 SECTION INCLUDES

A Field hydrostatic testing of new water pipelines

1 02 UNIT PRICES

A No payment will be made for hydrostatic testing of pipelines under this Section Include cost in unit price of pipelines being tested

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION

3 01 GENERAL

A Hydrostatically test all new water pipelines for liquids after disinfection, if required, and before connecting to water distribution system

B Pipelines shall be tested in lengths between valves, or plugs, of not more than 1,500 feet unless greater length is approved by Engineer

C Conduct hydrostatic tests in presence of Engineer in accordance with requirements of this Section

3 02 PREPARATION

A Disinfect water system pipelines prior to hydrostatic testing

3 03 TEST PROCEDURES

A Furnish, install, and operate connections, pump, meter and gages necessary for hydrostatic testing

B Allow pipeline to sit minimum of 24 hours from time it is initially disinfected until testing begins, to allow pipe wall or lining material to absorb water Contractor should be aware that periods of up to 7 days may be required for mortar lining to become saturated

C Expel all air and apply a minimum test pressure of 150 psi as directed by Engineer

D Maintain test pressure for 8 hours If a large quantity of water is required to maintain pressure during test, testing shall be discontinued until cause of water loss is identified and corrected

3 04 ALLOWABLE LEAKAGE FOR WATER MAINS

A During hydrostatic tests, no leakage will be allowed for sections of water mains consisting of welded joints

B Maximum allowable leakage for water mains with rubber gasketed joints 10 63 gallons per inch nominal diameter per mile of pipe per 24 hours while testing at the required pressure

3 05 CORRECTION FOR FAILED TESTS

A Repair all joints showing visible leaks on surface regardless of total leakage shown on test Check all valves and fittings to ensure that no leakage occurs that could affect or invalidate test Remove any cracked or defective pipes, fittings and valves discovered during pressure test and replace with new items

B Engineer may direct Contractor to disinfect failed lines after repair and prior to retesting Conduct subsequent disinfection operations in accordance with requirements of Section 02675 – Disinfection of Waterlines

C Repeat test until satisfactory results are obtained

3 06 COMPLETION

A Upon satisfactory completion testing, remove risers remaining from disinfection and hydrostatic testing, and backfill excavation promptly

END OF SECTION

SECTION VI
PLANS

AGENDA ITEM #17a

NO

BACK – UP

PROVIDED

AGENDA ITEM #18

Galveston County, Texas
Consideration of Budget Amendments for
Tuesday, June 21, 2011
As Submitted by the Budget Officer

Fiscal Year	Amendment #	Description
2011	**11-096-0621-A**	**Engineering** – Budget request to reallocate funds to road projects and FY 2013 bond recall.
2011	**11-097-0621-B**	**County Auditor** – Budget request to reclassify funds which were classified as revenue in prior year liability account.

Approved by: Mel Trammell

Mel Trammell, Director of
Finance and Administration

Date 6/15/2011

AGENDA ITEM #18a

COUNTY OF GALVESTON
REQUEST FOR BUDGET AMENDMENT/TRANSFER

Department	Engineering Department	Amendment No 11-096-0621-A
Date Submitted	June 9, 2011	(Assigned by Budget Office)

COMMISSIONER'S COURT ACTION
Please complete the following form in its entirety and submit to the Budget Office at least eleven (11) days prior to the first regularly scheduled Tuesday Commissioners Court meeting date each month Emergency amendments will be processed at the earliest available Court meeting date If information on this form is incomplete, the amendment will be returned to your office for completion It is suggested that the department requesting the amendment be present on the date of its submittal to the Court for action.

THIS PORTION MUST BE FILLED OUT

GENERAL EXPLANATION
Budget request to reallocate funds to road projects and FY 2013 bond recall

This budget amendment does not increase the budget for FY 2011

Transfer FROM	Account Description	Amount	*Auditor Use Only* Acct Balance Sufficient? (Y/N)
Acct No Unlimited Tax Road Bonds, Series 2009A	Line Item		___
3312-312111-5731174	Amburn Road	1,323,706	
3312-312111-5731171	Palmer Highway	1,363,570	
Acct No Unlimited Tax Road Bonds, Series 2003B			
3307-315108-5731015	646 Toll Rd Project	2,149,276	
3307-315141-5731010	FM 518-FM 2094 to SH 146	871,869	
TOTAL - Transfer Amount		$5,708,421	

Transfer TO	Account Description	Amount	*Auditor Use Only* Acct Balance Sufficient? (Y/N)
Acct No Unlimited Tax Road Bonds, Series 2009A	Line Item		___
3312-312111-5731173	6th Street	538,000	
3312-312111-5734306	FM646 Toll Road Project	2,149,276	
Acct No Unlimited Tax Road Bonds, Series 2003B			
3307-179010-5937001	Allocation for Debt Recall	3,021,145	
TOTAL - Transfer Amount		$5,708,421	

ADDITIONAL COMMENTS
This budget request from the County Engineer is to reallocate funds to cover expenditures in road projects and to allocate funds for bond recall in FY 2013

Mike Fitzgerald CR 6-16-11
Departmental Authorization Date

N/A Date
Human Resources Department

Mel Kramm 6/19/2011
Budget Office Authorization Date

AUDITOR'S REVIEW
This budget amendment has been reviewed for validity of accounts and sufficiency of account balances used for budget transfer

Reviewed by _____ Date _____

Auditor's Remarks

COMMISSIONERS COURT APPROVAL

Date Submitted _____ Date Approved 6/21/11

AGENDA ITEM #18b

COUNTY OF GALVESTON

REQUEST FOR BUDGET AMENDMENT/TRANSFER

Department	County Auditor	Amendment No 11-097-0621-B
Date Submitted	June 13, 2011	(Assigned by Budget Office)

COMMISSIONER'S COURT ACTION

Please complete the following form in its entirety and submit to the Budget Office at least eleven (11) days prior to the first regularly scheduled Tuesday Commissioners Court meeting date each month Emergency amendments will be processed at the earliest available Court meeting date If information on this form is incomplete, the amendment will be returned to your office for completion It is suggested that the department requesting the amendment be present on the date of its submittal to the Court for action

THIS PORTION MUST BE FILLED OUT

GENERAL EXPLANATION

Request to budget FY 2010 funds from fund budget to reclassify to a Liability Account

This budget amendment does increase the budget for FY 2011

Transfer FROM	Account Description	Amount Annualized	*Auditor Use Only* Acct Balance Sufficient? (Y/N)
Acct No General Fund 1101-920180-5930010	Line Item Budgeted Fund Balance	24,640	----
TOTAL - Transfer Amount		$ 24,640	

Transfer TO	Account Description	Amount Annualized	*Auditor Use Only* Acct Balance Sufficient? (Y/N)
Acct No General Fund 1101-110000-5602011	Line Item District Clerk Refund of Fees	24,640	----
TOTAL - Transfer Amount		$ 24,640	

ADDITIONAL COMMENTS

This budget request from the County Auditor's Office is to reclassify funds to a liability account These funds were reported as revenues last year, but do not belong to Galveston County This money will be refunded in future months by the District Clerk's Office

Upon approval, the remaining balance in Budgeted Fund Balance is $14,777,552

Departmental Authorization Date

N/A Date

Human Resources Department

Budget Office Authorization Date 6/15/11

AUDITOR'S REVIEW

This budget amendment has been reviewed for validity of accounts and sufficiency of account balances used for budget transfer

Reviewed by _____ Date _____

Auditor's Remarks

COMMISSIONERS COURT APPROVAL

Date Submitted _____ Date Approved 6/21/11

COUNTY OF GALVESTON

REQUEST FOR BUDGET AMENDMENT/TRANSFER

Department Auditor's Office	Amendment No
Date Submitted June 13, 2011	(Assigned by Budget Office)

COMMISSIONER'S COURT ACTION

Please complete the following form in its entirety and submit to the Budget Office at least eleven (11) days prior to the first regularly scheduled Wednesday Commissioners Court meeting date each month Emergency amendments will be processed at the earliest available Court meeting date If information on this form is incomplete, the amendment will be returned to your office for completion It is suggested that the department requesting the amendment be present on the date of its submittal to the Court for action

THIS PORTION MUST BE FILLED OUT

GENERAL EXPLANATION

This budget amendment does not increase the budget for FY 2011

Transfer FROM	Account Description	Amount Annualized	*Auditor Use Only* Acct Balance Sufficient? (Y/N)
Acct No 1101 920180 5930010	Line Item Budgeted Fund Balance	$ 24,640	____
TOTAL - Transfer Amount		$ 24,640	

Transfer TO	Account Description	Amount Annualized	*Auditor Use Only* Acct Balance Sufficient? (Y/N)
Acct No 1101 110000 5602011	Line Item District Clerk Refund of Fees	$ 24,640	____
TOTAL - Transfer Amount		$24,640	

ADDITIONAL INFORMATION

To budget fiscal year 2010 funds from fund balance and reclassify to a liability account The money was reported as revenue last year and is not County money This money will be refunded in future months by the District Clerk's office

6-13-11

Departmental Authorization Date

Date

Human Resources Department

6/15/11

Budget Office Authorization Date

AUDITOR'S REVIEW

This budget amendment has been reviewed for validity of accounts and sufficiency of account balances used for budget transfer

Reviewed by _____ Date 6-13-11

Auditor's Remarks

COMMISSIONERS COURT APPROVAL

Date Submitted _____ Date Approved _____

AGENDA ITEM #19

Santa Fe Independent School District

Interlocal Cooperation Agreement

For Use of District Property in Time of Disaster

2011

Replacement Interlocal Cooperation Agreement Between The Santa Fe Independent School District As Licensor And Galveston County And Various Municipalities And Other Political Subdivisions Located Within Galveston County As Licensees For The Use Of District Property During Time Of Natural Or Man-Made Disaster

This Agreement, entered into in accordance with the provisions of Texas Government Code Chapter 791 commonly known as the Interlocal Cooperation Act, is between the Santa Fe Independent School District ("District") as Licensor and the County of Galveston ("County"), and the various municipalities and other political subdivisions listed in the signature block of this Agreement ("Licensee(s)") as Licensee(s). It is for the use of the District's High School and other District facilities ("High School") and adjacent parking areas located at 16000 Highway 6 that may be required for the sheltering of emergency personnel, first responders and the storage of equipment in times of disaster

This Agreement is a Replacement Agreement. The original Agreement was approved by the County on April 5, 2011. When it was submitted to the District on May 16, 2011, the District approved it with modifications to portions of Paragraph 7 below This Replacement Agreement is being resubmitted to the County for acceptance and execution

WITNESSETH:

Whereas, in the event of a natural or man-made disaster, the County and the Licensees who are signatories to this Agreement may have the need to temporarily house both their chief emergency administrators (e.g. Mayors, City Administrators, etc.) and their family members and their first responders (e.g. peace officers, fire fighters, emergency medical technicians, etc.) in the High School; and

Whereas, in addition, the County and the Licensees may have the need to temporarily locate their chief emergency administrators' official vehicles and their first responders' law enforcement vehicles, fire trucks, ambulances, dump trucks, road equipment and other equipment on the High School parking lots; and

Whereas, Licensor has heretofore graciously accommodated Licensees by allowing them to utilize the High School and parking lots for several major natural disaster events such as Hurricanes Rita (2005) and Ike (2008); and

Whereas, the Parties wish to continue and to formalize this arrangement to ensure that the High School and parking lots will continue to be available as and when natural and man-made disasters and other emergencies arise;

Now Therefore, for and in consideration of the mutual covenants, obligations, and benefits hereunder, the parties agree as follows:

1. **Designated Representatives/Authorized Occupants and Equipment List.** The Designated Representative of each party is listed on their signature page.

   The District's Designated Representative, the County's Designated Representative and the Licensees' Designated Representatives are to work collectively and are responsible for coordinating all aspects of the services to be provided by each party as expeditiously and economically as is reasonably prudent under the circumstances. They are the contact persons through whom the parties will communicate officially. They also are authorized to make decisions that are binding on their political subdivision.

   Each Licensee's Authorized Occupants of the High School is listed on their Authorized Occupant list. Each Authorized Occupant, as a condition of being authorized to remain in the High School, agrees to follow the directions of the District's and the County's Designated Representatives, the County's Field Operations Manager and their political subdivisions' Designated Representative. In the event of conflicting directions, the directions of the District's Designated Representative and the County's Designated Representative shall control.

   The equipment to be stored on the High School parking lots is listed on each Licensee's Equipment List attached to this Agreement.

2. **Emergency Relief Efforts.** The Parties agree to comply with the requirements of the National Incident Management System in all aspects of this Agreement; that their efforts are also subject to orders issued by lawful emergency management and or law enforcement authorities and that their actions will, except as otherwise specifically provided herein, be undertaken only during the time of impending and actual public emergency caused by natural or man-made disaster.

3. **License Agreement.** District agrees, on a space available basis, that in the event of a natural or man-made disaster or other emergency, the County and the various Licensees who are signatories to this Agreement may temporarily house both their chief emergency administrators (e.g. Mayors, City Administrators, etc) and their family members and their first responders (e.g. peace officers, fire fighters, emergency medical technicians, etc) who are listed as Authorized Occupants on their list in the High School In addition, District agrees, on a space available basis, that the County and such Licensees may temporarily locate their chief emergency administrators' official vehicles and their first responders' law enforcement vans and

other vehicles, fire trucks, ambulances, trucks, dump trucks, bridge equipment and road equipment listed on their Equipment List on the High School parking lots.

4. **Term of Agreement.** This Agreement shall begin effective June 1, 2011, and shall remain in effect from year to year until terminated by a party as herein provided.

   District may terminate this Agreement during hurricane season (June 1-November 30) by giving County and Licensee(s) sixty (60) days prior written notice. At all other times of the year District may terminate this Agreement by giving County and Licensee(s) thirty days prior written notice.

   County may terminate this Agreement during hurricane season (June 1-November 30) by giving District and Licensee(s) sixty (60) days prior written notice. At all other times of the year County may terminate this Agreement by giving District and Licensee(s) thirty days prior written notice.

   Any Licensee may terminate its participation by providing District and County thirty (30) days prior written notice. Termination by any Licensee does not affect the relationship of District with the County or the remaining Licensee(s).

5. **Additional Licensees.** Currently, the only political subdivisions that are granted a License by District to use the High School and the parking lots are those entities whose signatures are attached to this Agreement. Additional political subdivisions may similarly participate in this Agreement upon the same terms and conditions as set forth in this Agreement by the execution of a signature page that will be signed by the Licensee who desires to participate, the District and the County. The signature page will be attached to this Agreement and be sent to all other Licensees. The signature page will also contain a space that lists the political subdivision's Designated Representative and its Authorized Occupants and Equipment. Inasmuch as space is limited in the High School and on the parking lots District and County are under no obligation to add additional Licensees to this Agreement

6. **Non-signatory Licensees.** Should, in the sole opinion of District, space also be available for federal and state first responders, such as members of the Texas Task Force, District may authorize such first responders to also utilize designated portions of the High School and parking lots for the purposes set forth in Paragraph 3 of this Agreement without requiring them to execute this Agreement.

7. Services Provided and Obligations of District

District agrees:

- to currently grant entry to its High School and other facilities to County and to Licensees at such times as is mutually agreed upon to enable County and Licensees to pre-install and pre-stage such technology and equipment (e.g. phone/network jacks, radio antennas, etc.) to enhance pre- and post-disaster operations;

- to notify County at least 48 hours in advance when its facilities at Santa Fe High School and the parking lots are available for use pre and/post natural or man-made disaster events;

- Upon written request of County, to make available portions of the Santa Fe High School (primarily vocational/technical and other non-classroom areas) and its parking areas available to County and Licensees at least 24 hours in advance for the purposes set forth in Paragraph 3 above. But, in no way shall this paragraph be construed to allow use of the High School Lecture Hall (located in the Science Wing) or Auditorium by Authorized Occupants or employees of the County or Licensees:

- that in the event of natural or man-made disasters or emergencies that occur with little or no warning to use its best efforts to make its High School and parking lots available to County and Licensees as soon as is reasonably possible under the circumstances;

- to allow County and Licensees' Authorized Occupants to utilize restroom and kitchen facilities,

- to allow County and Licensees' Authorized Occupants to utilize rooms or other designated areas for sleeping accommodations;

- in its sole discretion to allow federal and state first responders to similarly use the High School and/or the parking lots for the purposes set forth in Paragraph 3 above without the necessity of executing this Agreement;

- that should it allow federal and/or state first responders to use the High School and/or the parking lots that it will not hold either County or any other local Licensee responsible, accountable or liable for any loss or damage caused to the High School or the parking lots by such federal and/or state first responders during their occupation;

- to make available, to the extent practicable, water, rest-rooms, wastewater, air-conditioning, heating, and/or other utilities to the High School,

- to adequately maintain the generator to be installed by County referenced below to keep it in good working condition;

- to notify County at least 48 hours in advance of its intention to reclaim all or any portion of the High School and/or the parking areas for its exclusive use.

- To fully cooperate with County in its attempts to seek reimbursement of expenses incurred under this Agreement from the Federal Emergency Management Agency of the United States and the State of Texas.

County agrees:

- that in addition to having installed switches within the High School that enabled the fast hook-up of portable generators at the cost of approximately $200,000 in Homeland Security Grant Funds, to invest approximately 1 2 Million Dollars to install a permanent generator to power those portions of the High School that will be occupied by County's and Licensees' Authorized Occupants;

- to allow District to utilize the generator for such other purposes it deems necessary;

- that in the event of an approaching and impending natural disaster, to notify District at least 24 hours in advance of the need for District's High School and parking lots;

- that in the event of natural or man-made disasters or emergencies that occur with little or no warning, to notify District of the need for District's facilities as soon as it is practicable under the circumstances,

- to coordinate with other Licensees regarding the availability of District's High School and parking lots prior to, during and post disaster;

- to act as the primary liaison between other Licensees and District prior to, during and post disaster;

- to assign a Field Operations Manager to District who will be stationed at the High School to assist with day to day logistics on-scene This individual, with input or direction from District's and County's Designated Representatives, to the extent such assignments have not been pre-determined, will assign County and Licensees locations to park vehicles and other equipment; will coordinate room assignments and the usage of the kitchen and lunch room facilities and other related matters,

- to fill the permanent diesel generator sufficiently in advance of an impending request for use of District facilities by County,

- to refill the permanent diesel generator as and when necessary during the period of occupation of the High School by County and Licensees' Authorized Occupants;
- to provide meals, under a separate catering contract, for both its Authorized Occupants, for Licensees' Authorized Occupants and for any District employees assigned to the High School during time of occupation;
- to provide sleeping accommodations (e.g. cots, blankets and pillows) to County Authorized Occupants;
- to prohibit its Authorized Occupants and other authorized County employees from consuming alcohol, using tobacco or keeping pets at the High School and adjacent District parking areas;
- that District does not warrant the suitability of the High School or the parking lots and shall in no case be liable for any damages to County or its Authorized Occupants in the event the High School or the parking lots are unsuitable for their intended purpose.
- to annually, by no later than June 1st of each year, to update its list of Authorized Occupants and its Equipment List;
- after an initial 7 continuous days of use by Licensees to pay District a rate acceptable to the County and the District for use of occupied space;
- that the District is not responsible for the theft of, loss of, or damage to any vehicles or equipment belonging to the County or for the theft of, loss of or damage to any vehicles or personal property belonging to any County Authorized Occupant; and
- to be responsible for any loss or damage to District property caused by the intentional or negligent acts or omissions of both its Authorized Occupants and other authorized County employees utilizing County owned vehicles and equipment.
- to seek direct reimbursement on behalf of itself, District and other Licensees for all services and all related costs provided under this Agreement from the Federal Emergency Management Agency of the United States and the State of Texas.

Each Other Licensee agrees:

- to have their Designated Representative coordinate their activities with District's and County's Designated Representatives and with County's Field Operations Manager relating to locations to park vehicles; coordination of room assignments and usage of kitchen and lunch room facilities and other related matters;

- to provide sleeping accommodations (e.g. cots, blankets and pillows) to their Authorized Occupants;
- that District does not warrant the suitability of the High School or the parking lots and shall in no case be liable for any damages to Licensee or its Authorized Occupants in the event the High School or the parking lots are unsuitable for their intended purpose.
- to annually, by no later than June 1st of each year, to update their list of Authorized Occupants and their list of Equipment;
- that the District is not responsible for the theft of, loss of, or damage to any vehicles or equipment belonging to them or for the theft of, loss of, or damage to any vehicles or personal property belonging to any of their Authorized Occupants;
- to prohibit its Authorized Occupants and other authorized employees from consuming alcohol, using tobacco or keeping pets at the High School and adjacent District parking lots;
- to be responsible for any loss or damage to District property caused by the intentional or negligent acts or omissions of both their Authorized Occupants and other authorized employees utilizing their owned vehicles and equipment; and
- to fully cooperate with County in its attempts to seek reimbursement of expenses incurred under this Agreement from the Federal Emergency Management Agency of the United States and the State of Texas.

8. Compliance with All Applicable Laws

This Agreement is intended to enhance emergency planning by the parties. It is not meant to supersede or negate any other Agreements entered into by the parties. The parties will comply with all applicable federal, state, and local laws, rules, ordinances and regulations affecting the conduct of services provided and the performance of all obligations undertaken by this Agreement.

9. Responsibility for Own Actions

Each party will be solely responsible for its own intentional or negligent acts or omissions and those intentional or negligent acts or omissions of their Authorized Occupants as well as their employees or authorized agents.

No party will be held liable for the actions of any other party or any other party's employees or agents while engaged in any manner in any activity authorized by this Agreement

No party waives, nor shall be deemed to have waived, any claim to immunity or defense that would otherwise be available to it arising in the exercise of its governmental powers and functions.

This Agreement shall not be construed to be for the benefit of any third party.

10. Consideration

As required by the Texas Interlocal Agreement Act, each party to this Agreement agrees to pay for all costs incurred by them on behalf of their political subdivision in the performance of this Agreement from their current revenues. Each party also represents that there are sufficient current revenues to make such payments.

11. Miscellaneous provisions

This Agreement contains the entire Agreement between the parties and may be amended only by formal written amendment executed by all parties executing the original Agreement. No verbal or written conditions not contained herein shall have any force or effect to alter any term of this Agreement

The governing body of each party hereto has authorized entering into this Interlocal Agreement

Each party hereto is authorized by law to perform the functions or services to be performed under this Agreement.

The terms and provisions of this Agreement, as well as the rights and duties of the parties, shall be governed by the laws of the State of Texas and venue shall lie in Galveston County.

In case any one or more of the provisions contained in this Agreement shall for any reason be held invalid, illegal, or unenforceable in any respect, such fact shall not affect any other provision thereof and this Agreement shall be construed as if the stricken provision had never been contained herein.

This Agreement may be amended or modified by the mutual agreement of all parties hereto in writing, such writing to be attached hereto and incorporated unto this Agreement.

No party shall be responsible for damages or expected to fulfill its obligations under this Agreement should an act of God or other unforeseen catastrophe prevent the performance of such obligation.

This Agreement shall be executed by the duly authorized official(s) of each party as expressed in the approving resolution or order of the governing body of such party

In Witness Whereof, the parties have executed this Agreement effective _____, 2011

Santa Fe Independent School District

_____

Dr. Leigh Wall, Superintendent

Date: July 11, 2011

Attest:

_____

Board Secretary

Designated Representative:

_____

Director of Safe and Secure Schools

Approved as to form:

_____

_____

County of Galveston

By: _____
Mark Henry, County Judge
Date: 6/21/11

Attest:
_____
Dwight Sullivan
County Clerk

Designated Representative: _____
Emergency Management Coordinator

Approved as to form:
_____
Harvey Bazaman
Director, County Legal

(OTHER LICENSEE SIGNATURE PAGES FOLLOW)

City of Bayou Vista

Mayor

Date: 10/4/11

Attest:

City Secretary

Designated Representative:

Emergency Management Coordinator

Approved as to form:

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **City of Bayou Vista**

Planning year:	**2011**
Personnel:	**Police Chief**
	4 Police Officers
	2 Reserves
Vehicles/equipment:	**25-foot Evacuation Trailer**
	4 Patrol Vehicles
	22-Foot Patrol Boat w/Trailer

City of Clear Lake Shores

Mayor/Administrator

Date: _____

Attest:

City Secretary

Designated Representative:

Emergency Management Coordinator

Approved as to form:

_____

_____

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **City of Clear Lake Shores**

Planning year:	**2011**
Personnel:	**Mayor**
	City Administrator/Chief of Police
	Assistant Chief of Police
	Police Captain
	2 Police Lieutenants
	Assistant EMC
	5 Patrol Officers
	2 Public Works
	2 Laborers
Vehicles/Equipment:	**8 police vehicles**
	Emergency Management trailer, 8 by 28
	2 public works vehicles
	1 boat
	1 backhoe
	2 equipment trailer
	1 dump truck
	1 street sweeper
	6 personal vehicles

City of Dickinson

Mayor/Administrator

Date: 10/20/11

Attest:

City Secretary

Designated Representative:

Emergency Management Coordinator

Approved as to form:

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **City of Dickinson**

Planning year:	**2011**
Personnel:	**Mayor**
	City Administrator
	Police Chief
	2 Captains
	14 Patrol Officers
	Street Director
	Foreman
	3 Operators
Vehicles/Equipment:	**1 Dump Truck**
	2 Crew-Cab Pickup Trucks
	1 Backhoe
	18-Foot Trailer
	14 Patrol Vehicles
	3 Police Pickup Trucks

City of Galveston

Mayor/City Manager

Date: 9/6/11

Attest:

City Secretary

Designated Representative:

Emergency Management Coordinator

Approved as to form.

ASSISTANT CITY ATTORNEY

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **City of Galveston**

Planning year:	**2011**
Personnel:	**20 Employees (Various Departments)**
	4 Police Officers
	2 Reserves
Vehicles/equipment:	**10 Island Transit Buses**
	10 Patrol Vehicles
	10 Pickup Trucks
	3 Fire Pumpers
	2 Dump Trucks
	1 Gradall
	2 Police Command Vehicles (RV Type)
	2 Front End Loaders
	20-Foot Mobile SWAT Command Vehicle

City of Kemah

Mayor/Administrator

Date: 9-22-2011

Attest:

City Secretary

Designated Representative:

R. W. "Bill" Herbert

Emergency Management Coordinator

Approved as to form:

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **City of Kemah**

Planning year:	**2011**
Personnel:	**Assistant Police Chief**
	Commander
	2 Sergeants
	8 Police Officers
	4 Dispatchers
	Administrative Assistant
Vehicles/equipment:	**1 Marked Patrol Vehicle**
	8 Unmarked Units
	1 Deuce ½
	1 Dump Truck

City of La Marque

Bobby Hocking

Mayor/Administrator

Date. 8/22/2011

Attest

Matthew Hull

City Secretary

Designated Representative

Jennifer Price

Emergency Management Coordinator

Approved as to form.

_____

_____

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **City of La Marque**

Planning year:	**2011**
Personnel:	**City Manager**
	3 City Administration Employees
	7 Accounting Employees
	2 Inspectors
	4 Judicial
	1 I.T./Assistant EMC
	Fire Chief
	Assistant Fire Marshal
	Administrative Assistant
	3 Captains
	3 Engineers
	11 Firefighters
	25 Patrol Officers
	8 Telecommunications
	2 Clerical/Support
Vehicles/equipment:	**15 Public Works Personal Vehicles (Cars/Trucks)**

City of League City

Mayor/Administrator

Date: 9/6/11

Attest:

City Secretary

Designated Representative:

Emergency Management Coordinator

Approved as to form:

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **City of League City**

Planning year:	**2011**
Personnel:	**2 Chief Officers**
	15 Firefighters
	3 Utility Operators
	10 EMS
Vehicles/equipment:	**2 Fire Apparatus (vehicles)**
	2 Support Vehicles (Tahoes/Fords)
	5 Extended Cab Pickup Trucks
	Ford Crane Truck
	3 Response Vehicles
	3 Ambulances

City of Santa Fe

X

RALPH STENZEL, MAYOR

Mayor/Administrator

Date: 1-12-2012

Attest:

Janet L Davis

JANET L DAVIS

City Secretary

Designated Representative:

Emergency Management Coordinator

Approved as to form:

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **City of Santa Fe**

Planning year:	**2011**
Personnel:	**22 Police Officers**
	5 Dispatchers
	10 Firefighters
	10 Public Works Employees
Vehicles/equipment:	**20 Police/City Vehicles**
	5 Fire/EMS Vehicles
	17 Public Works Vehicles

Village of Tiki Island

_____

Mayor/Administrator

Date: 8/16/2011

Attest:

_____

Village Secretary

Designated Representative:

_____

Emergency Management Coordinator

Approved as to form:

_____

_____

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **Village of Tiki Island**

Planning year:	**2011**
Personnel:	**2 emergency management personnel**
	5 police officers
	3 fire department personnel
	2 public utility workers
Vehicles/equipment:	**2 fire trucks**
	1 trailered fire boat
	2 patrol units
	1 pickup truck

Bayou Vista MUD 12

Board President

Date: August 4, 2011

Attest:

Board Secretary

Designated Representative:

Emergency Management Coordinator

Approved as to form.

_____

_____

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **Bayou Vista MUD 12**

Planning year:	**2011**
Personnel:	**Board President**
	District Operator
	Assistant District Operator
Vehicles/equipment:	**1 Backhoe**
	1 Sewer Jet Machine
	1 Trailer-Mounted Generator
	2 Pickup Trucks

Gulf Coast Water Authority

R.C. Williams

R.C. Williams
Board President

Date 11-17-2011

Attest

Rosalyn Sue Edrozo
Board Secretary

Designated Representative

George Oram
Emergency Management Coordinator

Approved as to form

_____

_____

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **Gulf Coast Water Authority**

Planning year:	**2011**
Personnel:	**3 Operators**
	2 Maintenance Support Technicians
	Plant Manager
Vehicles/equipment:	**2 Pickup Trucks**

Dickinson WCID #1

Board Chair/Administrator

Date: 08/15/2011

Attest:

Board Secretary

Designated Representative:

Emergency Management Coordinator

Approved as to form

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **Dickinson WCID #1**

Planning year:	**2011**
Personnel:	**1 general manager**
	2 department heads
	3 crew chiefs
	6 maintenance workers
Vehicles/equipment:	**½-ton pickup trucks (4)**
	¾-ton and larger pickup trucks (5)
	4 rubber-tired back hoes
	1 track hoe and trailer
	2 dump trucks
	1 TV truck
	1 large vactor truck

AUTHORIZED OCCUPANTS AND EQUIPMENT LIST

Jurisdiction: **Galveston County**

Planning year:	**2011**
[redacted]	
Personnel:	**85**
Vehicles/equipment:	**85 vehicles (cars, trucks, SUV's, vans)**
	6 boats/trailers
	2 trailers
[redacted]	
Personnel:	**None**
Vehicles/equipment:	**15 dump trucks**
	7 service/support trucks
	15 pickup trucks
	7 trailers/misc. vehicles
	24 heavy equipment vehicles
	15 tractors/mowing decks
[redacted]	
Personnel:	**4 EMS operations staff**
Vehicles/equipment:	**4 to 6 ambulances**

AGENDA ITEM #20

State of Texas

County of Galveston

MEMORANDUM OF ELIGIBILITY

This Memorandum is entered into and between the County of Galveston, a political subdivision of the State of Texas and DSW Homes LLC, 1021 61st St. Bldg B, Ste. 200, Galveston, TX, 77551, Contractor, pursuant to Texas Local Government Code, Chapter 262, Subchapter C and the referenced request for proposal

The County has received federal funds to assist qualified homeowners to repair or reconstruct homes damaged during Hurricane Ike The repairs or reconstruction will be done by Contractors who have been found to be qualified by the County to perform the work

Purpose

The purpose of this Memorandum is to confirm that the Contractor has been selected pursuant to a procurement process as allowed under Tex Local Gov't Code Ch 262 as a firm eligible to enter into further contracts for the repair or reconstruction of homes damaged by Hurricane Ike utilizing federal grant funds received by the County of Galveston

Actual contracts will be entered into on an individual basis to which the County, Contractor and Homeowners will be parties

Request for Proposal Number: RFP B101007

Term: The Contractor will be eligible to receive contracts for a term of **One (1) year with two (2) one (1) year extensions**

Initial term (Services). Beginning date of execution of this by latest signatory to sign and terminating on September 10, 2011

Renewal Options: (if applicable):

Year One	Yes (X) No ( )
Year Two.	Yes (X) No ( )

Payment and Performance Bond Requirements: The Contractor acknowledges that it will provide payment and performance bonds as required for the execution of tri-party construction agreements as required by each contract

Notice of Changes to this Memoradum are to be given to:

Galveston County

County Purchasing Agent
Galveston County
722 Moody
Fifth (5th) Floor
Galveston, Texas 77550

Contractor

DSW Homes LLC
1021 61st St
Bldg B, Ste 200
Galveston, TX 77551

County and Contractor agrees as follows:

1. Parts of Memorandum: Request for Proposal B101007 and Addendums and Contractor's Responses to Request for Proposal B101007 are all made a part of this Memorandum and collectively evidence and constitute the entire Memorandum.

2. Scope of Work: This Memorandum is intended to define overall program requirements and does not guarantee award of any minimum amount of work to the Contractor. Projects will be awarded on a site-by-site basis through tri-party agreements between the Contractor, Homeowner and Galveston County

3. Contractor Responsibilities: For each tri-party agreement entered into with Contractor Contractor will be required to obtain all necessary permits or licenses, if any, furnish all of the required materials, equipment, and supplies, perform all of the work specified in the bid package, and do everything called for therein All work shall be performed in a good and workmanlike manner and at minimal interruption of daily County activities Contractor warrants that all products and services will meet or exceed all requirements, standards and specifications called for in RFP # B101007 and addendums Any products or services proposed by Contractor that fall short of these requirements, standards and specifications will be upgraded as necessary at no additional cost to the County.

4. Pricing of Services: Specific pricing for each project assignment will be addressed in the site-specific, tri-party agreement between Contractor, Homeowner and Galveston County Galveston County reserves the right to negotiate any unit price items on a case-by-case basis if found by the County to be out-of-line with typical pricing from other GCHAP contractors for those services The County, upon satisfactory completion of the work by Contractor and receipt of approved invoice(s) with supporting documentation including a list of subcontractors used will pay the Contractor in accordance with the draw schedule set forth in the tri-party agreement

5. Independent Contractor: None of the provisions of this Memorandum for services are intended to create, nor shall be deemed to create, any relationship between Galveston County and Contractor other than that of independent entities contracting with each other solely for the purpose of effecting the provisions of this Memorandum In the performance of work, duties and

obligations under this Memorandum, Contractor is at all times acting and performing as an independent contractor with complete control over the means, manner, and method by which services are rendered Contractor is not an agent or employee of the County for any purpose Contractor and his employees are not eligible for nor will be permitted to participate in any employee benefit plans which are normally provided to employees of the County, including vacation and sick leave, retirement plans, disability and worker's compensation County assumes no liability to any third party for any actions, inactions or deeds taken in the performance of services by Contractor, its agents, employees or representatives

6. Employment Taxes: Contractor shall be solely responsible for all IRS tax reporting and quarterly payments of estimated tax, FICA payments, and any other tax withholding required by the State or Federal governments

7. Initial Term and Options to Renew: The initial term of the Memorandum will be as stated above Contractor hereby grants to County the unilateral right to exercise an option to renew this Memorandum for such periods of time as specified above Such option to renew shall be exercised only if all terms and conditions, except for the period being extended and pricing indicated on bid sheets, remain unchanged and in full force and effect Each option is to be executed in the form of a letter from the County Purchasing Agent advising the Contractor of the election of the option Each option is to be issued not sooner than Ninety (90) Days prior to expiration of this Memorandum or each renewal period, nor later than the final day of the Memorandum period or each renewal period Each option to renew may not cover more than one (1) year. The total period of this Agreement, including all extensions as a result of exercising this option, may not exceed the maximum combined period specified above

8. Cancellation: County may cancel the Memorandum, with or without cause, or solely for its convenience upon thirty (30) days prior written notice to the Contractor

9. Covenant Against Contingent Fees: Contractor warrants that no persons or selling agency has been employed or retained to solicit or secure this Memorandum upon an agreement or understanding for a commission, percentage, brokerage, or continent fee, excepting bona fide employees or bona fide established commercial selling agencies maintained by the Contractor for the purpose of securing business For breach or violation of this warranty, County shall have the right to immediately terminate this Memorandum without liability to Contractor, or in its discretion to deduct from the price for consideration, or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee

10. Subcontracting or Assignment: Contractor may not assign, sell, or otherwise transfer this Memorandum in whole or in part without prior written permission of the County Such consent, if granted, shall not relieve the Contractor of any of its responsibilities under the Memorandum Failure to request consent shall be grounds for termination

11. Change of Name Agreements: Contractor is responsible for the performance of this Memorandum. In the event a change of name or ownership, the County Purchasing Agent shall be notified immediately. No change in the obligation of the Contractor will be recognized until such change is approved by Commissioners' Court

12. Force Majeure: In the event that the performance by the County of any of its obligations or undertakings hereunder shall be interrupted or delayed by any occurrence not occasioned by its own conduct, whether such occurrence by an act of God or the common enemy or

the result of war, riot, civil commotion, sovereign conduct, or the act or conduct of any person or persons not a party or privy hereto, then it shall be excused from such performance for such period of time as is reasonably necessary after such occurrence to remedy the effects thereof

13. Entirety of Memorandum and Modification: This Memorandum contains the entire agreement of the parties Any prior agreement, promise, negotiation, or representation not expressly set forth in this Memorandum has no force or effect. This Memorandum may be amended or changed only by the written consent of each party hereto duly executed by the authorized representative of each party

14. Severability: If a provision contained in this Memorandum is held invalid for any reason, the invalidity shall not affect other provisions of the Memorandum that can be given effect without the invalid provision, and to this end the provisions of this Memorandum are severable

15. Validity/Enforceability: If any current or future legal limitations affect the validity or enforceability of a provision of this Memorandum, then the legal limitations are made a part of this Memorandum and shall operate to amend this Memorandum to the minimum extent necessary to bring this Memorandum into conformity with the requirements of the limitation, and as so modified, this Memorandum shall continue in full force and effect

16. Governing Law: This Memorandum shall be governed by the laws of the State of Texas and all obligations of the parties are performable in Galveston, Texas. Venue shall lie exclusively in Galveston, Texas

17. Benefit: This Memorandum is intended to inure only to the benefit of Galveston County and Contractor This Memorandum is not intended to create, nor shall be deemed or construed to create, any rights in third parties

18. Authority to Bind: The person or persons executing and signing this Memorandum on behalf of each party guarantee that the person or persons are fully authorized to execute the Memorandum and to legally bind the party to all terms and provisions of this Memorandum, and that this Memorandum constitutes the legal, valid, and binding agreement of each party hereto

19. Immunity Retained: The County does not waive or relinquish any immunity or defense on behalf of itself, its trustees, officer, employees, and agents as a result of its execution of this Memorandum and performance of the covenants contained herein The County specifically reserves any claim it may have to sovereign, qualified, or official immunity as a defense to any action arising in conjunction with this Memorandum.

20. Meaning of Words: Except as provided otherwise, words shall be given their ordinary meaning. If a word is connected with and used with reference to a particular trade or subject matter or is used as a word of art, the word shall have the meaning given by experts in the particular trade, subject matter, or art Words in the present or past tense include the future tense. The singular includes the plural and the plural includes the singular unless expressly provided otherwise

21. Public Information Act: The parties agree that the County is a governmental body for purposes of the Public Information Act, codified as Chapter 552 of the Texas Government Code and as such is required to release information in accordance with the Public Information Act

22. Headings: The headings at the beginning of the various provisions of this Memorandum have been included only in order to make it easier to locate the subject covered by each provision and are not to be used in construing this Memorandum

23. Conflict of Provisions: In the event of an irreconcilable conflict between provision of this Memorandum and any part of the Memorandum listed in Paragraph One above, the terms of this Memorandum shall prevail.

Executed on this the ____8_____ day of __June_____, 2011

Contractor:

DSW Homes LLC.

By: _____ **Date:** 6/8/11

Galveston County

By: _____ **Date:** June 21, 2011

Mark Henry, County Judge

Attest:

Dwight D. Sullivan, County Clerk

State of Texas

County of Galveston

MEMORANDUM OF ELIGIBILITY

This Memorandum is entered into and between the County of Galveston, a political subdivision of the State of Texas and Byrdson Services, LLC dba Excello Construction, 1245 West Cardinal Drive, Beaumont, TX 77705, Contractor, pursuant to Texas Local Government Code, Chapter 262, Subchapter C and the referenced request for proposal

The County has received federal funds to assist qualified homeowners to repair or reconstruct homes damaged during Hurricane Ike The repairs or reconstruction will be done by Contractors who have been found to be qualified by the County to perform the work

Purpose

The purpose of this Memorandum is to confirm that the Contractor has been selected pursuant to a procurement process as allowed under Tex Local Gov't Code Ch. 262 as a firm eligible to enter into further contracts for the repair or reconstruction of homes damaged by Hurricane Ike utilizing federal grant funds received by the County of Galveston

Actual contracts will be entered into on an individual basis to which the County, Contractor and Homeowners will be parties

Request for Proposal Number: RFP B101007

Term: The Contractor will be eligible to receive contracts for a term of **One (1) year with two (2) one (1) year extensions**

Initial term (Services): Beginning date of execution of this by latest signatory to sign and terminating on September 10, 2011

Renewal Options: (if applicable):

Year One	Yes (X) No ( )
Year Two	Yes (X) No ( )

Payment and Performance Bond Requirements: The Contractor acknowledges that it will provide payment and performance bonds as required for the execution of tri-party construction agreements as required by each contract

Notice of Changes to this Memoradum are to be given to:

Galveston County

County Purchasing Agent
Galveston County
722 Moody
Fifth (5th) Floor
Galveston, Texas 77550

Contractor

Byrdson Services, LLC dba Excello Construction
1245 West Cardinal Drive
Beaumont, TX 77705

County and Contractor agrees as follows:

1. Parts of Memorandum: Request for Proposal B101007 and Addendums and Contractor's Responses to Request for Proposal B101007 are all made a part of this Memorandum and collectively evidence and constitute the entire Memorandum

2. Scope of Work: This Memorandum is intended to define overall program requirements and does not guarantee award of any minimum amount of work to the Contractor Projects will be awarded on a site-by-site basis through tri-party agreements between the Contractor, Homeowner and Galveston County.

3. Contractor Responsibilities: For each tri-party agreement entered into with Contractor, Contractor will be required to obtain all necessary permits or licenses, if any, furnish all of the required materials, equipment, and supplies, perform all of the work specified in the bid package; and do everything called for therein All work shall be performed in a good and workmanlike manner and at minimal interruption of daily County activities Contractor warrants that all products and services will meet or exceed all requirements, standards and specifications called for in RFP # B101007 and addendums. Any products or services proposed by Contractor that fall short of these requirements, standards and specifications will be upgraded as necessary at no additional cost to the County

4. Pricing of Services: Specific pricing for each project assignment will be addressed in the site-specific, tri-party agreement between Contractor, Homeowner and Galveston County Galveston County reserves the right to negotiate any unit price items on a case-by-case basis if found by the County to be out-of-line with typical pricing from other GCHAP contractors for those services The County, upon satisfactory completion of the work by Contractor and receipt of approved invoice(s) with supporting documentation including a list of subcontractors used will pay the Contractor in accordance with the draw schedule set forth in the tri-party agreement

5. Independent Contractor: None of the provisions of this Memorandum for services are intended to create, nor shall be deemed to create, any relationship between Galveston County and Contractor other than that of independent entities contracting with each other solely for the purpose of effecting the provisions of this Memorandum In the performance of work, duties and obligations under this Memorandum, Contractor is at all times acting and performing as an

independent contractor with complete control over the means, manner, and method by which services are rendered. Contractor is not an agent or employee of the County for any purpose Contractor and his employees are not eligible for nor will be permitted to participate in any employee benefit plans which are normally provided to employees of the County, including vacation and sick leave, retirement plans, disability and worker's compensation County assumes no liability to any third party for any actions, inactions or deeds taken in the performance of services by Contractor, its agents, employees or representatives

6. Employment Taxes: Contractor shall be solely responsible for all IRS tax reporting and quarterly payments of estimated tax, FICA payments, and any other tax withholding required by the State or Federal governments.

7. Initial Term and Options to Renew: The initial term of the Memorandum will be as stated above Contractor hereby grants to County the unilateral right to exercise an option to renew this Memorandum for such periods of time as specified above Such option to renew shall be exercised only if all terms and conditions, except for the period being extended and pricing indicated on bid sheets, remain unchanged and in full force and effect. Each option is to be executed in the form of a letter from the County Purchasing Agent advising the Contractor of the election of the option Each option is to be issued not sooner than Ninety (90) Days prior to expiration of this Memorandum or each renewal period, nor later than the final day of the Memorandum period or each renewal period Each option to renew may not cover more than one (1) year The total period of this Agreement, including all extensions as a result of exercising this option, may not exceed the maximum combined period specified above.

8. Cancellation: County may cancel the Memorandum, with or without cause, or solely for its convenience upon thirty (30) days prior written notice to the Contractor.

9. Covenant Against Contingent Fees: Contractor warrants that no persons or selling agency has been employed or retained to solicit or secure this Memorandum upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial selling agencies maintained by the Contractor for the purpose of securing business For breach or violation of this warranty, County shall have the right to immediately terminate this Memorandum without liability to Contractor, or in its discretion to deduct from the price for consideration, or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee

10. Subcontracting or Assignment: Contractor may not assign, sell, or otherwise transfer this Memorandum in whole or in part without prior written permission of the County Such consent, if granted, shall not relieve the Contractor of any of its responsibilities under the Memorandum Failure to request consent shall be grounds for termination

11. Change of Name Agreements: Contractor is responsible for the performance of this Memorandum In the event a change of name or ownership, the County Purchasing Agent shall be notified immediately No change in the obligation of the Contractor will be recognized until such change is approved by Commissioners' Court

12. Force Majeure: In the event that the performance by the County of any of its obligations or undertakings hereunder shall be interrupted or delayed by any occurrence not occasioned by its own conduct, whether such occurrence by an act of God or the common enemy or the result of war, riot, civil commotion, sovereign conduct, or the act or conduct of any person or

persons not a party or privy hereto, then it shall be excused from such performance for such period of time as is reasonably necessary after such occurrence to remedy the effects thereof

13. Entirety of Memorandum and Modification: This Memorandum contains the entire agreement of the parties Any prior agreement, promise, negotiation, or representation not expressly set forth in this Memorandum has no force or effect This Memorandum may be amended or changed only by the written consent of each party hereto duly executed by the authorized representative of each party

14. Severability: If a provision contained in this Memorandum is held invalid for any reason, the invalidity shall not affect other provisions of the Memorandum that can be given effect without the invalid provision, and to this end the provisions of this Memorandum are severable

15. Validity/Enforceability: If any current or future legal limitations affect the validity or enforceability of a provision of this Memorandum, then the legal limitations are made a part of this Memorandum and shall operate to amend this Memorandum to the minimum extent necessary to bring this Memorandum into conformity with the requirements of the limitation, and as so modified, this Memorandum shall continue in full force and effect

16. Governing Law: This Memorandum shall be governed by the laws of the State of Texas and all obligations of the parties are performable in Galveston, Texas Venue shall lie exclusively in Galveston, Texas

17. Benefit: This Memorandum is intended to inure only to the benefit of Galveston County and Contractor This Memorandum is not intended to create, nor shall be deemed or construed to create, any rights in third parties.

18. Authority to Bind: The person or persons executing and signing this Memorandum on behalf of each party guarantee that the person or persons are fully authorized to execute the Memorandum and to legally bind the party to all terms and provisions of this Memorandum, and that this Memorandum constitutes the legal, valid, and binding agreement of each party hereto

19. Immunity Retained: The County does not waive or relinquish any immunity or defense on behalf of itself, its trustees, officer, employees, and agents as a result of its execution of this Memorandum and performance of the covenants contained herein. The County specifically reserves any claim it may have to sovereign, qualified, or official immunity as a defense to any action arising in conjunction with this Memorandum.

20. Meaning of Words: Except as provided otherwise, words shall be given their ordinary meaning If a word is connected with and used with reference to a particular trade or subject matter or is used as a word of art, the word shall have the meaning given by experts in the particular trade, subject matter, or art. Words in the present or past tense include the future tense The singular includes the plural and the plural includes the singular unless expressly provided otherwise.

21. Public Information Act: The parties agree that the County is a governmental body for purposes of the Public Information Act, codified as Chapter 552 of the Texas Government Code and as such is required to release information in accordance with the Public Information Act

22. Headings: The headings at the beginning of the various provisions of this Memorandum have been included only in order to make it easier to locate the subject covered by each provision and are not to be used in construing this Memorandum

23. Conflict of Provisions: In the event of an irreconcilable conflict between provision of this Memorandum and any part of the Memorandum listed in Paragraph One above, the terms of this Memorandum shall prevail

Executed on this the 10 day of June, 2011

Contractor:

Byrdson Services, LLC dba Excello Construction

By:

Date:

June 10, 2011

Galveston County

By:

Date: 6/21/11

Mark Henry, County Judge

Attest:

Dwight D. Sullivan, County Clerk

State of Texas

County of Galveston

MEMORANDUM OF ELIGIBILITY

This Memorandum is entered into and between the County of Galveston, a political subdivision of the State of Texas and Tegrity Homes LLC, Contractor, pursuant to Texas Local Government Code, Chapter 262, Subchapter C and the referenced request for proposal

The County has received federal funds to assist qualified homeowners to repair or reconstruct homes damaged during Hurricane Ike. The repairs or reconstruction will be done by Contractors who have been found to be qualified by the County to perform the work

Purpose

The purpose of this Memorandum is to confirm that the Contractor has been selected pursuant to a procurement process as allowed under Tex Local Gov't Code Ch 262 as a firm eligible to enter into further contracts for the repair or reconstruction of homes damaged by Hurricane Ike utilizing federal grant funds received by the County of Galveston

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Request for Proposal Number: RFP B101007

Term: The Contractor will be eligible to receive contracts for a term of **One (1) year with two (2) one (1) year extensions**

Initial term (Services): Beginning date of execution of this by latest signatory to sign and terminating on September 10, 2011

Renewal Options: (if applicable):

Year One	Yes (X) No ( )
Year Two	Yes (X) No ( )

Payment and Performance Bond Requirements: The Contractor acknowledges that it will provide payment and performance bonds as required for the execution of tri-party construction agreements as required by each contract

Notice of Changes to this Memorandum are to be given to:

Galveston County

County Purchasing Agent
Galveston County
722 Moody
Fifth (5th) Floor
Galveston, Texas 77550

Contractor

Tegrity Homes, LLC
5601 Democracy Drive, Suite 190
Plano, TX 75024

County and Contractor agrees as follows:

1. **Parts of Memorandum:** Request for Proposal B101007 and Addendums and Contractor's Responses to Request for Proposal B101007 are all made a part of this Memorandum and collectively evidence and constitute the entire Memorandum

2. **Scope of Work:** This Memorandum is intended to define overall program requirements and does not guarantee award of any minimum amount of work to the Contractor Projects will be awarded on a site-by-site basis through tri-party agreements between the Contractor, Homeowner and Galveston County.

3. **Contractor Responsibilities:** For each tri-party agreement entered into with Contractor, Contractor will be required to obtain all necessary permits or licenses, if any, furnish all of the required materials, equipment, and supplies, perform all of the work specified in the bid package; and do everything called for therein All work shall be performed in a good and workmanlike manner and at minimal interruption of daily County activities. Contractor warrants that all products and services will meet or exceed all requirements, standards and specifications called for in RFP # B101007 and addendums Any products or services proposed by Contractor that fall short of these requirements, standards and specifications will be upgraded as necessary at no additional cost to the County

4. **Pricing of Services:** Specific pricing for each project assignment will be addressed in the site-specific, tri-party agreement between Contractor, Homeowner and Galveston County Galveston County reserves the right to negotiate any unit price items on a case-by-case basis if found by the County to be out-of-line with typical pricing from other GCHAP contractors for those services. The County, upon satisfactory completion of the work by Contractor and receipt of approved invoice(s) with supporting documentation including a list of subcontractors used will pay the Contractor in accordance with the draw schedule set forth in the tri-party agreement.

5. **Independent Contractor:** None of the provisions of this Memorandum for services are intended to create, nor shall be deemed to create, any relationship between Galveston County and Contractor other than that of independent entities contracting with each other solely for the purpose of effecting the provisions of this Memorandum In the performance of work, duties and obligations under this Memorandum, Contractor is at all times acting and performing as an independent contractor with complete control over the means, manner, and method by which

services are rendered Contractor is not an agent or employee of the County for any purpose Contractor and his employees are not eligible for nor will be permitted to participate in any employee benefit plans which are normally provided to employees of the County, including vacation and sick leave, retirement plans, disability and worker's compensation County assumes no liability to any third party for any actions, inactions or deeds taken in the performance of services by Contractor, its agents, employees or representatives

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8. Cancellation: County may cancel the Memorandum, with or without cause, or solely for its convenience upon thirty (30) days prior written notice to the Contractor.

9. Covenant Against Contingent Fees: Contractor warrants that no persons or selling agency has been employed or retained to solicit or secure this Memorandum upon an agreement or understanding for a commission, percentage, brokerage, or continent fee, excepting bona fide employees or bona fide established commercial selling agencies maintained by the Contractor for the purpose of securing business For breach or violation of this warranty, County shall have the right to immediately terminate this Memorandum without liability to Contractor, or in its discretion to deduct from the price for consideration, or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee.

10. Subcontracting or Assignment: Contractor may not assign, sell, or otherwise transfer this Memorandum in whole or in part without prior written permission of the County. Such consent, if granted, shall not relieve the Contractor of any of its responsibilities under the Memorandum. Failure to request consent shall be grounds for termination.

11. Change of Name Agreements: Contractor is responsible for the performance of this Memorandum In the event a change of name or ownership, the County Purchasing Agent shall be notified immediately. No change in the obligation of the Contractor will be recognized until such change is approved by Commissioners' Court

12. Force Majeure: In the event that the performance by the County of any of its obligations or undertakings hereunder shall be interrupted or delayed by any occurrence not occasioned by its own conduct, whether such occurrence by an act of God or the common enemy or the result of war, riot, civil commotion, sovereign conduct, or the act or conduct of any person or persons not a party or privy hereto, then it shall be excused from such performance for such period of time as is reasonably necessary after such occurrence to remedy the effects thereof

13. Entirety of Memorandum and Modification: This Memorandum contains the entire agreement of the parties Any prior agreement, promise, negotiation, or representation not expressly set forth in this Memorandum has no force or effect This Memorandum may be amended or changed only by the written consent of each party hereto duly executed by the authorized representative of each party

14. Severability: If a provision contained in this Memorandum is held invalid for any reason, the invalidity shall not affect other provisions of the Memorandum that can be given effect without the invalid provision, and to this end the provisions of this Memorandum are severable

15. Validity/Enforceability: If any current or future legal limitations affect the validity or enforceability of a provision of this Memorandum, then the legal limitations are made a part of this Memorandum and shall operate to amend this Memorandum to the minimum extent necessary to bring this Memorandum into conformity with the requirements of the limitation, and as so modified, this Memorandum shall continue in full force and effect

16. Governing Law: This Memorandum shall be governed by the laws of the State of Texas and all obligations of the parties are performable in Galveston, Texas Venue shall lie exclusively in Galveston, Texas

17. Benefit: This Memorandum is intended to inure only to the benefit of Galveston County and Contractor. This Memorandum is not intended to create, nor shall be deemed or construed to create, any rights in third parties

18. Authority to Bind: The person or persons executing and signing this Memorandum on behalf of each party guarantee that the person or persons are fully authorized to execute the Memorandum and to legally bind the party to all terms and provisions of this Memorandum, and that this Memorandum constitutes the legal, valid, and binding agreement of each party hereto

19. Immunity Retained: The County does not waive or relinquish any immunity or defense on behalf of itself, its trustees, officer, employees, and agents as a result of its execution of this Memorandum and performance of the covenants contained herein The County specifically reserves any claim it may have to sovereign, qualified, or official immunity as a defense to any action arising in conjunction with this Memorandum.

20. Meaning of Words: Except as provided otherwise, words shall be given their ordinary meaning If a word is connected with and used with reference to a particular trade or subject matter or is used as a word of art, the word shall have the meaning given by experts in the particular trade, subject matter, or art. Words in the present or past tense include the future tense The singular includes the plural and the plural includes the singular unless expressly provided otherwise

21. Public Information Act: The parties agree that the County is a governmental body for purposes of the Public Information Act, codified as Chapter 552 of the Texas Government Code and as such is required to release information in accordance with the Public Information Act

22. Headings: The headings at the beginning of the various provisions of this Memorandum have been included only in order to make it easier to locate the subject covered by each provision and are not to be used in construing this Memorandum

23. Conflict of Provisions: In the event of an irreconcilable conflict between provision of this Memorandum and any part of the Memorandum listed in Paragraph One above, the terms of this Memorandum shall prevail

Executed on this the 10th day of June, 2011.

Contractor:

Tegrity Homes LLC

By: _____ **Date:** 6/10/2011

Galveston County

By: _____ **Date:** 6/21/11

Mark Henry, County Judge

Attest: _____

Dwight D. Sullivan, County Clerk

AGENDA ITEM #21a

NO

BACK – UP

PROVIDED