

Document 00010

**TABLE OF CONTENTS**

NOTE: Bold capitalized Specification Sections are included in <http://documents.publicworks.houstontx.gov/document-center/specifications/index.htm>; and are incorporated in Project Manuals by reference as if copied verbatim. Documents listed "for filing" are to be provided by Bidder and are not included in this Project Manual unless indicated for example only. The Document numbers and titles hold places for actual documents to be submitted by Contractor during Bid, post-bid, or construction phase of the Project. Specification Sections marked with an asterisk (\*) are amended by a supplemental specification, printed on blue paper and placed in front of the Specification it amends. Documents in the 200, 300 and 400 series of Division 00, except for Document 00410B – Bid Form, Part B, are not part of the Contract.

<b><u>Doc. No.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
------------------------	------------------------------	-------------------------

**INTRODUCTORY INFORMATION**

00010	Table of Contents .....	05-05-2011
00015	List of Drawings .....	02-01-2004
00041	List of Pre-qualified Asbestos & Lead Abatement Contractors .....	09-01-2004
00042	List of Designated Subcontractors and Suppliers .....	02-01-2004

**BIDDING REQUIREMENTS**

**INSTRUCTIONS TO BIDDERS**

00200	Instructions to Bidders .....	08-18-2006
00210	Supplementary Instructions to Bidders .....	02-08-2011
00220	Request for Bid Information .....	06-11-2004

**INFORMATION AVAILABLE TO BIDDERS**

00320	Geotechnical Information .....	09-02-2005
00330	Existing Conditions .....	04-30-2004
00340	Environmental Information .....	09-14-2005

**BID FORMS AND SUPPLEMENTS**

00410	Bid Form, Parts A & B .....	02-01-2010
00430	Bidder's Bond (For filing; Example Form) .....	02-01-2004
00450	Bidder's Statement of MWBE/PDBE/DBE/SBE Status .....	03-09-2007
00452	Contractor Submission List - Fair Campaign Ordinance .....	04-30-2004
00453	Bidder's Statement of Residency .....	02-01-2004
00454	Affidavit of Non-interest .....	02-01-2004
00455	Affidavit of Ownership or Control .....	09-04-2007

<b><u>Doc. No.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
00456	Bidder's Certificate of Compliance with Buy American Program .....	02-01-2004
00457	Conflict of Interest Questionnaire .....	02-28-2006
00458	Bidder's Certificate Regarding Foreign Trade Restriction.....	02-01-2004
00459	Contractor's Statement Regarding Previous Contracts Subject to EEO .....	02-01-2004
00470	Pay or Play Acknowledgement Form (POP-1A) .....	06-30-2008
<b>POST-BID PROCEDURES</b>		
00495	Post-bid Procedures .....	05-05-2011

**CONTRACTING REQUIREMENTS**

**AGREEMENT**

00500	Form of Business.....	02-01-2004
00501	Resolution of Contractor.....	02-01-2010
00520	Agreement.....	11-01-2010
00521	Assignment.....	01-10-2005

**BONDS AND CERTIFICATES**

00600	List of Proposed Subcontractors and Suppliers, Parts A & B .....	03-09-2007
00601	Drug Policy Compliance Agreement.....	02-01-2004
00602	Contractor's Drug Free Workplace Policy (For filing)	
00603	Checklist for Drug Policy Submittal.....	05-05-2005
00604	History of OSHA Actions and List of On-the-job Injuries.....	02-01-2004
00605	List of Safety Impact Positions .....	02-01-2004
00606	Contractor's Certification of No Safety Impact Positions .....	02-01-2004
00607	Certification Regarding Debarment, Suspension, and Other Responsibility Matters .....	02-01-2004
00608	Contractor's Certification Regarding Non-segregated Facilities for Project Funded by AIP Grant .....	02-01-2004
00610	Performance Bond.....	05-17-2005
00611	Statutory Payment Bond.....	05-17-2005
00612	One-year Maintenance Bond.....	05-17-2005
00613	One-year Surface Correction Bond .....	05-17-2005
00620	Affidavit of Insurance (with attached Certificates of Insurance) .....	02-01-2004
00622	Name and Qualifications of Proposed Superintendent (For filing)	

\*\*\*\*\*

*SRF Only: Documents 00623, 00626 and 00627 are for projects using State Revolving Fund (SRF). Delete them for all other projects.*

<b><u>Doc. No.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
*****		
00623	Contractor's Act of Assurance (SRF Form ED-103) .....	02-01-2004
00624	Affidavit of Compliance with Affirmative Action Program .....	02-01-2004
00626	SRF Affirmative Steps Solicitation Report .....	02-01-2004
00627	SRF Prime Contractor Affirmative Steps Certification and Goals ....	02-01-2004
00628	Affidavit of Compliance with Disadvantaged Business Enterprise (DBE) Program for Project Funded By AIP Grant .....	02-01-2004
00629	Affidavit for FAA Form 7460-1 .....	02-01-2004
00630	Certification of Agreement to Comply with Pay or Play Program.....	09-23-2009
00631	City of Houston Pay or Play Program – List of Participating Subcontractors .....	08-01-2007
00633	Equal Employment Opportunity - Certification by Material Suppliers .....	02-01-2010
00642	Monthly Subcontractor Payment Reporting Form.....	02-01-2010
00646	Payment Notification Explanation of Withholding .....	02-01-2010
<b>GENERAL CONDITIONS</b>		
00700	General Conditions.....	07-01-2010
<b>SUPPLEMENTARY CONDITIONS</b>		
00800	Supplementary Conditions .....	07-01-2010
00801	FAA Supplementary Conditions .....	02-01-2004
00802	SRF Supplementary Conditions .....	09-11-2009
00805	Affirmative Action Compliance Program .....	05-05-2011
00806	Disadvantaged Business Enterprise (DBE) Program .....	02-01-2004
00807	Bidder/Contractor Requirements for Disadvantaged Business Enterprise (DBE) Program .....	02-01-2004
00808	Minority and Women-owned Business Enterprise (MWBE), Persons with Disabilities Business Enterprise (PDBE) Program or Small Business Enterprise (SBE).....	05-05-2011
00809	CDBG Requirements for Federally Funded Projects .....	04-01-2005
00810	Federal Wage Rate - Highway .....	02-01-2004
00811	Federal Wage Rate - Building .....	02-01-2004
00812	Federal Wage Rate - Heavy .....	02-01-2004
00820	Wage Scale for Engineering Construction.....	02-01-2011
00821	Wage Scale for Building Construction .....	02-01-2011
00830	Trench Safety Geotechnical Information .....	02-01-2004
00840	Pay or Play Program Requirements .....	05-05-2011

<b><u>Doc. No.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
<b>ADDENDA AND MODIFICATIONS</b>		
00931	Request for Information (Example only) .....	02-01-2004

**SPECIFICATIONS**

**DIVISION 1 - GENERAL REQUIREMENTS**

01110	Summary of Work.....	06-27-2005
01145	Use of Premises .....	01-01-2011
01255	Change Order Procedures .....	08-01-2003
01270	Measurement and Payment .....	08-01-2003
01292	Schedule of Values.....	08-01-2003
01312	Coordination and Meetings.....	08-01-2003
01321	Construction Photographs .....	08-01-2003
01325	Construction Schedule .....	08-01-2003
01326	Construction Schedule (Bar Chart).....	08-01-2003
01330	Submittal Procedures .....	08-01-2003
01340	Shop Drawings, Product Data, and Samples .....	08-01-2003
01351	Environmental Safety and Worker Protection.....	01-01-2011
01410	TPDES Requirements (with Attachments).....	02-01-2011
01422	Reference Standards.....	08-01-2003
01450	Contractor's Quality Control.....	08-01-2003
01452	Inspection Services .....	08-01-2003
01454	Testing Laboratory Services.....	08-01-2003
01502	Mobilization .....	08-01-2008
01504	Temporary Facilities and Controls.....	01-01-2011
01506	Diversion Pumping .....	08-01-2003
01520	Temporary Field Office .....	08-01-2003
01555S	<i>Traffic Control and Regulation</i> .....	<i>04-22-2009</i>
*01555	Traffic Control and Regulation.....	01-01-2011
01562	Tree and Plant Protection.....	01-01-2011
01570	Storm Water Pollution Control .....	02-01-2011
01575	Stabilized Construction Access .....	02-01-2011
01576	Waste Material Disposal.....	08-01-2003
01578	Control of Ground and Surface Water .....	01-01-2011
01580	Project Identification Signs .....	08-01-2003
01581	Excavation in Public Way Permit Signs .....	08-01-2003
01610	Basic Product Requirements .....	01-01-2011
01630	Product Substitution Procedures .....	08-01-2003
01725	Field Surveying.....	01-01-2011
01731	Cutting and Patching .....	01-01-2011

<b><u>Doc. No.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
01732	Procedure for Water Valve Assistance (with Attachments) .....	08-01-2003
01740	Site Restoration .....	08-01-2003
01755	Starting Systems .....	08-01-2003
01770	Closeout Procedures .....	08-01-2003
01782	Operations and Maintenance Data .....	08-01-2003
01785	Project Record Documents.....	08-01-2003
 <b>DIVISION 2 - SITE WORK</b>		
<b>02082</b>	<b>PRECAST CONCRETE MANHOLES.....</b>	<b>01-01-2011</b>
<b>02083</b>	<b>FIBERGLASS MANHOLES.....</b>	<b>01-01-2011</b>
<b>02084</b>	<b>FRAMES, GRATES, RINGS, AND COVERS .....</b>	<b>08-01-2008</b>
<b>02085</b>	<b>VALVE BOXES, METER BOXES, AND METER VAULTS .....</b>	<b>01-01-2011</b>
<b>02086</b>	<b>ADJUSTING MANHOLES, INLETS, AND VALVE BOXES TO GRADE .....</b>	<b>01-01-2011</b>
<b>02087</b>	<b>BRICK MANHOLE FOR STORM SEWERS.....</b>	<b>10-01-2002</b>
<b>02221</b>	<b>REMOVING EXISTING PAVEMENTS AND STRUCTURES.....</b>	<b>07-01-2009</b>
<b>02222</b>	<b>ABANDONMENT OF SEWERS.....</b>	<b>01-01-2011</b>
<b>02233</b>	<b>CLEARING AND GRUBBING .....</b>	<b>01-01-2011</b>
<b>02260</b>	<b>TRENCH SAFETY SYSTEM.....</b>	<b>02-01-2011</b>
<b>02315</b>	<b>ROADWAY EXCAVATION .....</b>	<b>07-01-2009</b>
<b>02316</b>	<b>EXCAVATION AND BACKFILL FOR STRUCTURES .....</b>	<b>01-01-2011</b>
<b>02317</b>	<b>EXCAVATION AND BACKFILL FOR UTILITIES.....</b>	<b>01-01-2011</b>
<b>02318</b>	<b>EXTRA UNIT PRICE WORK FOR EXCAVATION AND BACKFILL.....</b>	<b>01-01-2011</b>
<b>02319</b>	<b>BORROW.....</b>	<b>01-01-2011</b>
<b>02320</b>	<b>UTILITY BACKFILL MATERIALS .....</b>	<b>01-01-2011</b>
<b>02321</b>	<b>CEMENT STABILIZED SAND .....</b>	<b>01-01-2011</b>
<b>02322</b>	<b>FLOWABLE FILL.....</b>	<b>08-01-2008</b>
<b>02330</b>	<b>EMBANKMENT .....</b>	<b>10-01-2002</b>
<b>02336</b>	<b>LIME-STABILIZED SUBGRADE .....</b>	<b>10-01-2002</b>
<b>02337</b>	<b>LIME/FLY-ASH STABILIZED SUBGRADE.....</b>	<b>10-01-2002</b>
<b>02338</b>	<b>PORTLAND CEMENT STABILIZED SUBGRADE.....</b>	<b>10-01-2002</b>
<b>02340</b>	<b>COMPACTED SANDFILL UNDER TANK FLOOR PLATE.....</b>	<b>01-01-2011</b>
<b>02400</b>	<b>TUNNEL SHAFTS.....</b>	<b>01-01-2011</b>
<b>02401</b>	<b>COMMON TUNNEL SHAFTS.....</b>	<b>01-01-2011</b>
<b>02425</b>	<b>TUNNEL EXCAVATION AND PRIMARY LINER.....</b>	<b>10-01-2002</b>
<b>02426</b>	<b>SEWER LINE IN TUNNELS.....</b>	<b>10-01-2002</b>
<b>02427</b>	<b>PLASTIC LINER FOR LARGE-DIAMETER CONCRETE SEWERS AND STRUCTURES.....</b>	<b>10-01-2002</b>
<b>02431</b>	<b>TUNNEL GROUT .....</b>	<b>10-01-2002</b>
<b>02441</b>	<b>MICROTUNNELING AND PIPE-JACKED TUNNELS .....</b>	<b>01-01-2011</b>

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
02447	AUGERING PIPE AND CONDUIT .....	10-01-2002
02448	PIPE AND CASING AUGERING FOR SEWERS .....	10-01-2002
02465	DRILLED SHAFT FOUNDATIONS.....	10-01-2002
02476	CAISSON FOR LIFT STATION .....	01-01-2011
02501	DUCTILE IRON PIPE AND FITTINGS.....	01-01-2011
02502	STEEL PIPE AND FITTINGS.....	01-01-2011
02503	COPPER TUBING.....	10-01-2002
02504	CENTRIFUGALLY CAST FIBERGLASS PIPE .....	02-01-2011
02505	HIGH DENSITY POLYETHYLENE (HDPE) SOLID AND PROFILE WALL PIPE .....	02-01-2011
02506	POLYVINYL CHLORIDE PIPE .....	01-01-2011
02507	PRESTRESSED CONCRETE CYLINDER PIPE .....	01-01-2011
02508	EXTRA STRENGTH CLAY PIPE.....	02-01-2011
02509	FIBERGLASS REINFORCED PIPE FOR PRESSURE MAINS.....	01-01-2011
02511	WATER LINES.....	01-01-2011
02512	WATER TAP AND SERVICE LINE INSTALLATION .....	01-01-2011
02513	WET CONNECTIONS.....	10-01-2002
02514	DISINFECTION OF WATER LINES.....	01-01-2011
02515	HYDROSTATIC TESTING OF PIPELINES .....	01-01-2011
02516	CUT, PLUG, AND ABANDONMENT OF WATER LINES .....	01-01-2011
02517	WATER LINE IN TUNNELS.....	10-01-2002
02518	STEEL PIPE AND FITTINGS FOR LARGE-DIAMETER WATER LINES.....	01-01-2011
02520	FIRE HYDRANTS .....	05-05-2011
02521	GATE VALVES .....	01-01-2011
02522	BUTTERFLY VALVES.....	01-01-2011
02523	PRESSURE REDUCING VALVES .....	10-01-2002
02524	AIR RELEASE AND VACUUM RELIEF VALVES.....	01-01-2011
02525	TAPPING SLEEVES AND VALVES .....	01-01-2011
02526	WATER METERS .....	01-01-2011
02527	POLYURETHANE COATINGS ON STEEL OR DUCTILE IRON PIPE .....	10-01-2002
02528	POLYETHYLENE WRAP.....	01-01-2011
02531	GRAVITY SANITARY SEWERS.....	01-01-2011
02557	FOLDED AND FORMED PIPE .....	01-01-2011
02558	CLEANING AND TELEVISION INSPECTION .....	01-01-2011
02571	CRUSHING SANITARY SEWERS.....	01-01-2011
02581	STREET LIGHTING CONDUIT.....	10-01-2002
02582	TRAFFIC SIGNAL POLE ASSEMBLIES.....	07-01-2009
02611	REINFORCED CONCRETE PIPE.....	02-01-2011
02612	PRECAST REINFORCED CONCRETE BOX SEWERS .....	10-01-2002

<b><u>Doc. No.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
02613	BAR WRAPPED STEEL CYLINDER PIPE .....	01-01-2011
02621	GEOTEXTILE.....	10-01-2002
02631	STORM SEWERS.....	01-01-2011
02632	CAST-IN-PLACE INLETS, HEADWALLS, AND WINGWALLS .....	10-01-2002
02633	PRECAST CONCRETE INLETS, HEADWALLS, AND WINGWALLS .....	10-01-2002
02642	CORRUGATED METAL PIPE .....	10-01-2002
02643	PLATE CULVERT STRUCTURES .....	10-01-2002
02662	PIPING, VALVES, FITTINGS, AND ACCESSORIES FOR WATER STORAGE TANKS .....	01-01-2011
02711	HOT MIX ASPHALT BASE COURSE .....	07-01-2009
02712	CEMENT STABILIZED BASE COURSE .....	10-01-2002
02713	RECYCLED CRUSHED CONCRETE BASE COURSE.....	07-01-2009
02714	FLEXIBLE BASE COURSE FOR TEMPORARY DRIVEWAYS.....	07-01-2009
02741	ASPHALTIC CONCRETE PAVEMENT .....	07-01-2009
02742	PRIME COAT.....	10-01-2002
02743	TACK COAT .....	10-01-2002
02751	CONCRETE PAVING.....	07-01-2009
02752S	<i>Concrete Pavement Joints .....</i>	<i>12-29-2009</i>
*02752	CONCRETE PAVEMENT JOINTS.....	10-01-2002
02753	CONCRETE PAVEMENT CURING .....	10-01-2002
02754	CONCRETE DRIVEWAYS.....	09-01-2002
02761	COLORLED CONCRETE FOR MEDIANS AND SIDEWALKS .....	09-01-2002
02762	BLAST CLEANING OF PAVEMENT .....	10-01-2002
02764	RAISED PAVEMENT MARKERS.....	10-01-2002
02765	TEMPORARY AND REMOVABLE REFLECTORIZED PAVEMENT MARKINGS .....	10-01-2002
02767	THERMOPLASTIC PAVEMENT MARKINGS .....	10-01-2002
02771	CURB, CURB AND GUTTER, AND HEADERS .....	10-01-2002
02772	CONCRETE MEDIANS AND DIRECTIONAL ISLANDS .....	10-01-2002
02775	CONCRETE SIDEWALKS.....	10-01-2002
02811	LANDSCAPE IRRIGATION .....	10-01-2002
02893	TRAFFIC SIGNAL CONSTRUCTION.....	07-01-2009
02911	TOPSOIL.....	10-01-2002
02912	TREE, PLANT, AND HARDSCAPE PROTECTION .....	07-01-2009
02915	TREE PLANTING.....	01-01-2011
02921	HYDROMULCH SEEDING .....	01-01-2011
02922	SODDING.....	07-01-2009
02951	PAVEMENT REPAIR AND RESTORATION .....	07-01-2009
02960	MILLING PAVEMENT.....	07-01-2009

<b><u>Doc. No.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
<b>DIVISION 3 - CONCRETE</b>		
03315	CONCRETE FOR UTILITY CONSTRUCTION .....	10-01-2002
<b>DIVISION 4 - MORTAR</b>		
04061	MORTAR.....	10-01-2002
04210	BRICK MASONRY FOR UTILITY CONSTRUCTION .....	10-01-2002
<b>DIVISION 5 - METALS</b>		
05501	METAL FABRICATIONS .....	01-01-2011
<b>DIVISION 6 - WOOD AND PLASTICS</b>		
<b>DIVISION 7 - THERMAL AND MOISTURE PROTECTION</b>		
<b>DIVISION 8 - DOORS AND WINDOWS</b>		
<b>DIVISION 9 - FINISHES</b>		
09901	PROTECTIVE COATINGS.....	01-01-2011
09971	HIGH BUILD GLAZED COATINGS .....	01-01-2011
<b>DIVISION 10 - SPECIALTIES</b>		
<b>DIVISION 11 – EQUIPMENT</b>		
<b>DIVISION 12 - FURNISHINGS</b>		
<b>DIVISION 13 - SPECIAL CONSTRUCTION</b>		
13111	CATHODIC PROTECTION FOR WATER TANK INTERIORS .....	01-01-2011
13112	CATHODIC PROTECTION FOR WATER TANK INTERIORS(ICCP) .....	01-01-2011
13113	CATHODIC PROTECTION FOR NEW TANK BOTTOMS .....	01-01-2011
13201	WELDED STEEL WATER STORAGE TANKS .....	01-01-2011
13202	REHABILITATION OF WELDED STEEL WATER STORAGE TANKS .....	01-01-2011
13203	TANK CLEAN-UP AND DISINFECTION .....	01-01-2011
<b>DIVISION 14 - CONVEYING SYSTEMS</b>		
<b>DIVISION 15 – MECHANICAL</b>		

<b><u>Doc. No.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
15640	JOINT BONDING AND ELECTRICAL ISOLATION .....	01-01-2011
15641	CORROSION CONTROL TEST STATIONS .....	01-01-2011
<b>DIVISION 16 – ELECTRICAL</b>		
16010	BASIC ELECTRICAL REQUIREMENTS .....	01-01-2011
16640	CATHODIC PROTECTION FOR PIPELINES .....	01-01-2011
16641	CATHODIC PROTECTION FOR EXISTING TANK BOTTOM .....	01-01-2011
16642	CATHODIC PROTECTION FOR PIPE LINE .....	01-01-2011
16644	CATHODIC PROTECTION FOR CLARIFIERS .....	01-01-2011
16645	CATHODIC PROTECTION FOR NEW TANK BOTTOMS .....	01-01-2011
16709	COMMUNICATIONS CONDUIT .....	07-01-2009
16710	PULL BOXES .....	07-01-2009
16711	TRAFFIC SIGNAL CONDUIT .....	07-01-2009
16715	VEHICLE SIGNAL HEADS .....	07-01-2009
16716	PEDESTRIAN SIGNAL HEADS .....	07-01-2009
16717	PROGRAMMABLE VEHICLE SIGNAL HEADS .....	07-01-2009
16718	LED VEHICLE TRAFFIC SIGNAL MODULE .....	07-01-2009
16719	COUNTDOWN PEDESTRIAN SIGNAL MODULE .....	07-01-2009
16720	TRAFFIC SIGNAL CABLE .....	07-01-2009
16724	EMERGENCY VEHICLE PREEMPTION (EVP) .....	07-01-2009
16730	ITS CONTROLLER CABINET ASSEMBLY .....	07-01-2009
16731	MODEL 2070 CONTROLLER UNIT .....	07-01-2009
16733	MANAGED FIELD HARDENED ETHERNET SWITCH .....	07-01-2009
16735	FIBER OPTIC SPLICE ENCLOSURE .....	07-01-2009
16736	FIBER DISTRIBUTION UNIT .....	07-01-2009
16737	COMMUNICATION SERVICE BOX .....	07-01-2009
16738	WIRELESS COMMUNICATION SYSTEM .....	07-01-2009
16740	SINGLE MODE FIBER OPTIC COMMUNICATION SYSTEM .....	07-01-2009
16742	VIDEO DETECTION SYSTEMS .....	07-01-2009
16743	CDMA MODEM ASSEMBLY .....	07-01-2009
16750	ACCESSIBLE PEDESTRIAN PUSH BUTTON STATION .....	07-01-2009

END OF DOCUMENT

Document 00410A

BID FORM - PART A

To: **The Honorable Mayor and City Council of the City of Houston  
City Hall Annex  
900 Bagby Street  
Houston, Texas 77002**

Project: Dunlavy Street reconstruction from West Main St to Richmond Ave

Project No.: WBS no. N-100001-0001-4

Bidder: \_\_\_\_\_  
(Print or type full name of proprietorship, partnership, corporation, or joint venture.)

**1.0 OFFER**

- A. Total Bid Price:** Having examined the Project location and all matters referred to in Bid Documents for the Project, we, the undersigned, offer to enter into a Contract to perform the Work for the Total Bid Price shown on the signature page of this Document.
- B. Security Deposit:** Included with the Bid is a Security Deposit in the amount of 10 percent of the Total Price subject to terms described in Document 00200 - Instruction to Bidders.
- C. Period of Bid Acceptance:** This offer is open to acceptance and is irrevocable for 90 days from the Bid Date. That period may be extended by mutual written agreement of the City and Bidder.
- D. Addenda:** All Addenda have been received. Modifications to Bid Documents have been considered and all related costs are included in the Total Bid Price.
- E. Bid Supplements:** The following documents are attached:
  - Security Deposit (as defined in Document 00200 - Instruction to Bidders)
  - Document 00450 - Bidder's Statement of MWBE/PDBE/DBE/SBE Status
  - Document 00452 - Contractor's Submission List - Fair Campaign Ordinance Form A
  - Document 00453 - Bidder's Statement of Residency
  - Document 00454 - Affidavit of Non-Interest
  - Document 00455 - Affidavit of Ownership or Control
  - Document 00457 - Conflicts of Interest Questionnaire (CIQ)
  - Document 00460 - (POP-1) Pay or Play Acknowledgement Form
  - Others as listed: \_\_\_\_\_

**2.0 CONTRACT TIME**

- A.** If offer is accepted, Contractor shall achieve Date of Substantial Completion within **390** days after Date of Commencement of the Work, subject to adjustments of Contract Time as provided in the Contract.

00410-A1  
07-19-2012

**Document 00410B  
 BID FORM – PART B**

**1.0 TOTAL BID PRICE HAS BEEN CALCULATED BY BIDDER, USING THE FOLLOWING COMPONENT PRICES AND PROCESS (PRINT OR TYPE NUMERICAL AMOUNTS):**

**A. STIPULATED PRICE:**

**NOT APPLICABLE - \$0.00**

(Total Bid Price; minus Base Unit Prices, Extra Unit Prices, Cash Allowances and All Alternates)

**B. BASE UNIT PRICE TABLE:**

Item No.	Spec Ref	Item Description	Unit Measure	Unit Quantity	Unit Price (this column controls)	Total in Figures
<b>GENERAL ITEMS</b>						
1	01502	Mobilization	LS	1	\$50,000.00 <sup>(1)</sup>	\$50,000.00 <sup>(1)</sup>
2	01554	Traffic Street Signs	EA	9		
3	01555	Flagmen	LS	1	\$5,000.00 <sup>(2)</sup>	\$5,000.00 <sup>(2)</sup>
4	01555	Traffic Control and Regulation	LS	1	\$50,000.00 <sup>(2)</sup>	\$50,000.00 <sup>(2)</sup>
5	1555	Temporary Traffic Signal for TCP	LS	1		
6	02912	Tree and Plant Protection	LS	1		
7	01575	Stabilized Construction Exit	SY	156		
8	01570	Inlet Protection barriers (Sand bags)	LF	320		
9	02260	Trench Safety System for trench Excavation	LF	1,000		
10	02922	Sodding	SY	1,000		
<b>SUBTOTAL BASE UNIT PRICE - GENERAL</b>						<b>\$0.00</b>
<b>PAVING ITEMS</b>						
11	02221	Remove and dispose of asphaltic surface with or without base. All thicknesses	SY	3,636		
12	02221	Remove and dispose of Concrete Sidewalk and driveways. All Thicknesses	SY	750		
13	02315	Roadway Excavation with or without subgrade	CY	150		
14	02336	Lime Stabilized Subgrade, 12-inch Thick, 6% Lime	SY	3,825		
15	02336	Lime for Lime Stabilized Subgrade	TON	120		
16	02711	Type A/B Hot Mix Asphaltic base Course, 8-inch	TON	1,600		
17	02741	Hot Mix Asphaltic Concrete Surfacing, 3 inch	TON	600		
18	02751	High Early Strength Reinf Conc Pavemt, 7-inch thick (Fire Station Driveway)	SY	83		
19	02752	Street Pavemt Expansion jts with Load Transfer	LF	293		
20	02752	Saw Cutting Exist Pavemt, (conc or asph)	LF	275		
21	02754	6-inch Concrete Driveway (incl. excavation)	SF	2,681		
22	02771	Concrete Pavemt Header	LF	116		
23	02771	6-inch Concrete Curb and Gutter	LF	1,560		

Item No.	Spec Ref	Item Description	Unit Measure	Unit Quantity	Unit Price (this column controls)	Total in Figures
24	02771	6-inch Concrete Curb (Monolithic)	LF	180		
25	02775	4-1/2-inch Conc Sidewalk	SF	15,804		
26	02775	Curb ramps	SF	1,390		
27	02767	Thermoplastic Pavemt Markings,(4-inch Wide) white/yellow (SLD/BRK)	LF	1,510		
28	02767	Thermoplastic Pavemt Markings,(12-inch Wide) white/yellow	LF	130		
29	02767	Thermoplastic Pavemt Markings,(24-inch Wide) white/yellow	LF	50		
30	02767	Thermoplastic Pavemt Markings, Symbol TURNING ARROW	EA	1		
31	02764	Raised Reflectvive Pavemt Marker TY II	EA	34		
<b>SUBTOTAL BASE UNIT PRICE - PAVING</b>					<b>\$</b>	
<b>STORM SEWER ITEMS</b>						
32	02221	Remove/Dispose Manholes all Sizes/Depths	EA	2		
33	02221	Remove/Dispose Inlets all Sizes/Depths	EA	12		
34	02221	Remove & Dispose of 4-inch RCP Storm Sewer	LF	100		
35	02221	Remove & Dispose of 15-inch RCP Storm Sewer	LF	600		
36	02221	Remove & Dispose of 18-inch RCP Storm Sewer	LF	350		
37	02221	Remove & Dispose of 24-inch RCP Storm Sewer	LF	100		
38	02081	Manhole for concrete box sewers	EA	3		
39	02632/02633	Type "C-1" Inlet	EA	10		
40	02631	24-ich diameter storm sewer by open cut	LF	250		
41	02631	3-foot by 2-foot box storm sewer by open cut	LF	576		
<b>SUBTOTAL BASE UNIT PRICE - STORM</b>					<b>\$</b>	
<b>WATER LINE ITEMS</b>						
42	02516	Cut, plug, and abandon existing 8-inch diameter water line	EA	5		
43	02517	Cut, plug, and abandon existing 12-inch diameter water line	EA	1		
44	02511	8-inch dia water line by open-cut w/rest joints	LF	60		
45	02511	6-inch dia water line by open-cut w/rest joints	LF	30		
46	02511	8-inch diameter water line by trenchless construction	LF	190		
47	02511	12-inch diameter water line by trenchless construction	LF	570		
48	02512	3/4-inch to 1-inch dia water taps and copper service lines w/meterbox short side	EA	4		
49	02512	3/4-inch to 1-inch dia water taps and copper service lines w/meterbox longside	EA	6		
50	02512	Relocate exist 2-inch to 5/8 -inch diameter meter	EA	4		
51	02513	8-inch dia wet connection	EA	5		
52	02513	12-inch dia wet connection	EA	1		
53	02520	Fire hydrant assembly, all depths, including 6-inch diameter gate valve and box	EA	3		
54	02520	Remove and salvage existing fire hydrant	EA	2		
55	02631	6-inch diameter fire hydrant branch by open-cut	LF	30		

Item No.	Spec Ref	Item Description	Unit Measure	Unit Quantity	Unit Price (this column controls)	Total in Figures
56	0	Ancillary Items	LS	1		
<b>SUBTOTAL BASE UNIT PRICE - WATER</b>					\$ _____	
<b>WASTEWATER ITEMS</b>						
57	02221	Remove and Dispose 8-inch diameter sanitary sewer	LF	237		
58	02221	Remove and Dispose 4' dia Manhole	EA	1		
59	02531	15-inch diameter sanitary sewer , by open-cut, All Depths (Complete In Place)	LF	767		
60	02082	Extra depth, 4-foot diameter precast concrete manhole	VF	31.5		
61	02081/ 02082/	Sanitary Sewer Manhole, all depths, complete in place	EA	5		
<b>SUBTOTAL BASE UNIT PRICE - WASTEWATER</b>					\$ _____	

Item No.	Spec Ref	Item Description	Unit Measure	Unit Quantity	Unit Price (this column controls)	Total in Figures
<b>TRAFFIC SIGNAL ITEMS</b>						
62	2893	Install New Traffic Signal, Complete in Place	LS	1		
<b>SUBTOTAL BASE UNIT PRICE - SIGNAL</b>					<b>\$</b>	_____

**TOTAL BASE UNIT PRICES**      \$ \_\_\_\_\_

**C. EXTRA UNIT PRICE TABLE:**

Item No.	Spec Ref	Item Description	Unit Measure	Unit Quantity	Unit Price	Total in Figures
63	02318	Extra Hand Excavation	CY	10	\$15.00 <sup>(2)</sup>	\$1,500.00 <sup>(3)</sup>
64	02318	Extra Machine Excavation	CY	10	\$20.00 <sup>(2)</sup>	\$1,000.00 <sup>(3)</sup>
65	02318	Extra Placement of Backfill Material	CY	10	\$7.00 <sup>(2)</sup>	\$350.00 <sup>(3)</sup>
66	02318	Extra Cement-Stabilized Sand	CY	10	\$35.00 <sup>(2)</sup>	\$1,750.00 <sup>(3)</sup>
67	03315	Extra Structural Concrete with or without forms	CY	10	\$15.00 <sup>(2)</sup>	\$45,000.00 <sup>(3)</sup>
68	01578	Ground water control for open-cut construction	LF	10	\$250.00 <sup>(2)</sup>	\$1,250.00 <sup>(3)</sup>

**TOTAL EXTRA UNIT PRICES**      \$ \_\_\_\_\_

**D. CASH ALLOWANCE TABLE:**

Item No.	Spec. Ref	Cash Allowance Short Title				Cash Allowance in Figures
69	01110	Street Cut Permit				\$ 2,500.00
70	01110	Street Lights				\$ 6,500.00

**TOTAL CASH ALLOWANCES**      **\$9,000.00**

**E. TOTAL BID PRICE:** \$ \_\_\_\_\_

(Add Totals for Items A., B., C. and D. above)

**2.0 SIGNATURES:** By signing this Document, I agree that I have received and reviewed all Addenda and considered all costs associated with the Addenda in calculating the Total Bid Price.

**Bidder:**

\_\_\_\_\_  
(Print or type full name of your proprietorship, partnership, corporation, or joint venture.\*)

**\*\* By:**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Name:**

\_\_\_\_\_  
(Print or type name)

\_\_\_\_\_  
Title

**Address:**

\_\_\_\_\_  
(Mailing)

\_\_\_\_\_  
(Street, if different)

**Telephone and Fax Number:** \_\_\_\_\_

(Print or type numbers)

\* If Bid is a joint venture, add additional Bid Form signature sheets for each member of the joint venture.

\*\* Bidder certifies that the only person or parties interested in this offer as principals are those named above. Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

Note: This document constitutes a government record, as defined by § 37.01 of the Texas Penal Code. Submission of a false government record is punishable as provided in § 37.10 of the Texas Penal Code.

Footnotes for Table A through D:

- (1) Fixed Price determined prior to Bid. Cannot be adjusted by the Bidder.
- (2) Minimum Bid Price determined prior to Bid. Can be increased by the Bidder by crossing out the Minimum and noting revised price on the line above.
- (3) Maximum Bid Price determined prior to Bid. Can be decreased by the Bidder by crossing out the Maximum and noting revised price on the line above. A Bid that increases the Maximum Bid Price may be found non-conforming and non-responsive.
- (4) Fixed Range Bid Price determined prior to Bid. Unit Price can be adjusted by Bidder to any amount within the range defined by crossing out prices noted and noting revised price on the line above.

**END OF DOCUMENT**

Document 00800

SUPPLEMENTARY CONDITIONS

The following Paragraphs amend and supplement the November 1, 2011 edition of General Conditions. Unaltered portions of General Conditions remain in effect.

ARTICLE 1 - GENERAL PROVISIONS:

1.1 *DEFINITIONS: Insert the following Paragraph 1.1.9.1*

1.1.9.1 The firm of \_\_\_\_\_ has been employed by the City as Construction Manager for the Work.

ARTICLE 3 - THE CONTRACTOR

3.5 *LABOR: Insert the following Paragraph 3.5.3.1.1*

3.5.3.1.1 If the original contract price is greater than \$1 Million Dollars, the Contractor shall make good faith efforts to comply with the City ordinances regarding Minority Business Enterprises (MBE), Persons with Disabilities Business Enterprises (PDBE) and Small Business Enterprise (SBE) participation goals which are as follows:

1. the MBE goal is 7% percent,
2. the SBE goal is 10% percent, and
3. the PDBE goal is 0 percent

ARTICLE 4 – ADMINISTRATION OF THE CONTRACT

4.3 *CLAIMS AND DISPUTES: Insert the following Paragraph 4.3.3.1:*

4.3.3.1 Contractor waives any claim if contractor fails to submit the claim within 90 days of the date of the occurrence giving rise to the claim (“90 day time limit”). Contractor shall automatically release the city from any claim not submitted before the 90 day time limit when contractor submits an application for payment after the 90 day time limit.

ARTICLE 8 - TIME

8.1 *PROGRESS AND COMPLETION: Add the following Paragraph 8.1.6.1.*

8.1.6.1 Contractor shall credit the City by Change Order for inspection services for overtime work or work performed on Sundays or Legal Holidays. The amount Contractor credits the City will be [\$50.00 per hour] per inspector for inspection services.

ARTICLE 9 - PAYMENTS AND COMPLETION

9.12 *LIQUIDATED DAMAGES: Insert the following Paragraph 9.12.1.1.*

9.12.1.1 The amount of liquidated damages payable by Contractor or Surety for each and every day of delay beyond Contract Time, are \$1200 per day.

ARTICLE 11 - INSURANCE AND BONDS

11.2 INSURANCE TO BE PROVIDED BY CONTRACTOR: Insert the following Paragraph 11.2.1.2

11.2.1.2 Contractor shall purchase for the duration of the Contract the insurance set out in Table 2 in addition to the minimum insurance coverage set out in section 11.2.1.

TABLE 2  
ADDITIONAL REQUIRED COVERAGE  
DEFENSE COSTS EXCLUDED FROM FACE AMOUNT OF POLICY.

<u>Contractor's Pollution Liability:</u> Including pollution coverage for Contractual Liability, Clean-up costs, Abatement, Transport, and Non-owned disposal sites. Including Bodily Injury Liability, Property Damage Liability, and environmental damage arising from pollution conditions caused in performance of operations. Including Asbestos and Lead if part of operations.	<u>\$1,000,000 each occurrence</u>
(MCS - 90 endorsement: to Auto Policy and removal of Pollution Exclusion)	\$1,000,000 CSL

11.5            *MAINTENANCE BONDS: Insert the following Paragraph 11.5.2.*

11.5.2            One-year Surface Correction Bond: Contractor shall provide, on the City standard form, an additional one year Bond in an amount equal to four percent of the Original Contract Price or cost of repair. Bond shall provide for Contractor's correction, replacement, or restoration of backfill or subsurface and surface work not in accordance with the Contract, within one year from the date the One-year Maintenance Bond has expired.

END OF DOCUMENT

Section 01110

SUMMARY OF WORK

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Summary of the Work including work by the City, City-furnished Products, work sequence, future work, Contractor use of Premises, special conditions for substantial completion and City occupancy.

1.02 WORK COVERED BY CONTRACT DOCUMENTS

- A. Work of the Contract is for construction of approximately 780 linear feet of 30 foot wide asphalt pavement section, with 6-inch concrete curbs, six foot concrete sidewalks and wheelchair ramps along west side of Dunlavy Street and ten foot concrete sidewalks and wheelchair ramps along east side of Dunlavy Street ; storm sewer system includes 24-inch RCP pipes, 3-foot x 2-foot box storm sewer, C-1 Inlet and manholes; Wastewater line includes approximately 770 linear feet of 15-inch sanitary sewer; Water Line includes approximately 850 linear feet of 6-inch, 8-inch and 12-inch water line; clearing & grubbing, demolition and removal, SWPPP, tree protection and planting, traffic control plans, street lighting conduits, pavement markings, traffic signal at the intersection of Richmond Avenue and Dunlavy Street (Key Map # 492V and 492Z, COH GIMS Map No. 5356a and 5356c).

- B. Demolition and Removal Work Includes:

Removal of existing asphalt pavements, curbs, driveways and walkways, storm sewers and inlets, and miscellaneous sign foundations and other concrete items, in addition to lighting structures as deemed necessary by the Engineer and/or City Inspector to facilitate construction of this project.

- C. Pavement Construction Includes:

1. Construction of Dunlavy Street, 36 - foot wide (back of curb to back of curb) Asphalt Sections with thickness of 3-inch hot-mix asphalt concrete pavement, as described in details and on construction drawings including 8-inch flexible base and 12-inch subgrade materials. This includes curb and gutter section.
2. Construction of 4-1/2" thick concrete sidewalks. Replacement of walkways and wheelchair ramps according to ADA Standards described in details and

on construction drawings.

3. Obtaining all necessary permits to construct within City of Houston (COH) and Texas Department of Transportation (TxDOT) designated right-of-way.

D. Waterline Construction includes:

1. Replacement of existing 8-inch water line crossing at Colquitt Street and West Main Street, and 8-inch and 12-inch water line along Dunlavy Street.
2. Cutting, plugging and abandoning and removal of existing lines varying from 8 to 12-inches in diameter of varying materials. When working with asbestos cement pipe shall follow procedures as described in OSHA and TCEQ provisions at no additional costs to the City.
3. Salvaging and retrieval of existing fire hydrants, valves and appurtenances as shown on construction drawings.
4. Construction of proposed waterlines, fire hydrants, valves and other appurtenances as described on construction drawings according to COH and TCEQ guidelines and provisions.
5. Construction of long and short service lines. Payment for lowering services shall be on a pro-rated cost per foot for bid price of new services.
6. The Contractor to provide cut sheets (ground elevations and proposed line inverts with amount of cut, location of bends, fire hydrants, valves and other fittings at every 100 feet in tabular format) on each street to the City for approval prior to construction at no additional cost to the City.
7. Consultation of a certified Urban Forester concerning appropriate routing to avoid any damages to the trees during proposed waterline construction.
8. Special Water Construction Notes and Guidelines include:
  - i. The trenchless construction method for the water line will be used on this project. Any pavement, curbs, sidewalks, driveways, fences, gates, irrigation systems, utilities or mailboxes disturbed shall be replaced with the same quality material or better. The cost incurred will be incidental to the project. Whenever possible, the contractor shall make an effort to locate pits away from existing concrete and/or asphalt pavement, sidewalks, driveways, fences, culverts, power poles, trees, or other existing structures.

- ii. When a new service line or new service line with meter box is within five (5) feet horizontally of an existing tree, the Contractor is required to hand excavate the area for placement of the new service line and meter box.
  - iii. The Contractor shall field locate all unmetered fire lines, large water meters, and/or isolation valves before installing the new pipes. The information shown on the drawings are approximate locations, based on record drawings and field observations. This work will not be paid separately but will be incidental to other items.
  - iv. The drawings represent the best information available to the consultant and the City. The consultant and the City do not warranty the accuracy and completeness of the existing utilities. Field verifications should be done prior to each dig as necessary. This work will not be paid separately but will be incidental to other items.
  - v. A service connection tap shall be provided for each existing water meter. Wye type branches are **not** acceptable.
  - vi. Water meters installed in any paved surface shall be concrete meter boxes. Concrete meter boxes installed where new water line is installed will not be paid separately but will be incidental to the work for the service connection.
  - vii. Contractor shall make every effort to avoid distributing any existing utility and shall be responsible for any damage due to construction in the areas where there is less than four (4) feet of horizontal clearance between existing and proposed utilities. This applies to all areas of the project.
  - viii. Contractor shall provide temporary shoring and support when constructing proposed waterlines crossing under existing utility structures.
  - ix. Contractor shall provide site restoration as described in documents herein upon completion of waterline construction and other construction activities associated with this project.
  - x. Contractor shall observe all COH Ordinances, TCEQ Regulations and OSHA guidelines during waterline construction activities.
- E. Storm Sewer/ SWPPP Construction includes:
- 1. Construction of reinforced concrete pipe (Class III; ASTM C-76), diameter 24-inches.

2. Construction of 3-foot x 2-foot box storm sewer as shown in the plans.
  3. Fabrication and installation of Type "C-1" Inlets as described in details.
  4. Fabrication and installation of storm box manholes and/or junction boxes as described in details.
  5. Maintain and place Stormwater Pollution Prevention devices during demolition of existing structures and construction of improvements in accordance with guidelines established by COH Best Management Practices, TCEQ and EPA. (Contractor shall submit all forms to agencies prior to beginning construction activities according to documents included herein).
- F. Traffic Signage/Traffic Control Plan Work includes:
1. All existing traffic signs, stop signs, warning signs and barricades noted on the construction drawings as being relocated or that may exist at the time of construction shall be removed, stored, and relocated to their present location upon completion of the roadway construction.
  2. If these signs are damaged and no longer suitable for use then replacements shall be provided in kind at no additional cost to the City.
  3. The contractor shall remove and salvage existing special signs designated throughout the project. Upon completed the special signs will be reinstalled.
  4. The contractor shall take precautions against damaging concrete street name monuments. If the concrete street name monuments needs to be moved during construction the contractor shall remove and relocate the monuments to their original location or a location approved by the city engineer upon completion of the work in the area.
  5. Signs not previously present but shown on the construction drawings shall be installed in accordance with the provisions outlined under the City of Houston Standard Specifications and in accordance with the Texas Manual on Uniform Traffic Control Devices (TMUTCD), latest edition.
  6. The Contractor shall ensure that a minimum 10' travel way is maintained at all time through the duration of construction.
  7. Driveway access shall be maintained at all times for residential access and at least one entrance at all times for commercial access.

8. All mailboxes damaged or in need of relocation shall be done by the Contractor during construction including restoration of like boxes in kind. U.S. Postal Service Mailboxes and delivery routes within each neighborhood interrupted by construction shall be relocated and detoured at the Contractor's expense and shall be coordinated with the local branch of the U.S. Postal Service.
  9. Payment for traffic control will be on a lump sum basis and shall be all inclusive with the exception of traffic barriers. Traffic Barrier will be paid by three (3) separate items, 1) Low Profile Traffic Control Barriers install, 2) Low Profile Traffic Control Barriers move and 3) Low Profile Traffic Control Barriers remove.
- G. Trees Preservation and Protection includes:
1. Trees shall be preserved, protected and replaced or removed as described on construction drawings and in construction details. Permits can be obtained by contacting Mr. Victor Cordova with the City of Houston Department of Parks and Recreation.
  2. Tree protection includes special demolition measures in Tree Protection Zone, pruning of roots and branches, temporary fencing, mulch topdressing, and maintenance and warranty for 24 months.
- H. Sanitary Sewer Work Includes:
1. Removal and replacement of 8-inch sanitary sewer line and manhole as shown in the plans.
  2. Construction of 15-inch sanitary sewer and sanitary Manholes as shown in the plans.
- I. Miscellaneous Work Items/Contractor Work Responsibilities:
1. The Contractor shall construct all pavement structures in accordance with published guidelines (ADA and COH).
  2. Contractor shall notify the engineer no later than thirty (30) days after completion of the project so that the engineer can request a final ADA Inspection from Accessible Compliance or other COH/TDLR approved organization. TDLR reference no. XXXXXXXXXX.
  3. During construction the contractor shall use temporary roadway (Spec Ref 02741) to match the grades of the existing and proposed roadways at street

crossings only. The temporary pavement shall consist of 1 ½-inch ACP surface TY D and TY A Base. Payment for temporary roadway is on a square yard basis and includes surface and base materials, associated grading, maintenance and removal.

4. Contractor is to install conduit, and pull boxes. The pull boxes and warning tape can be provided by CNP when a 45 day notice is received. Additionally the contractor is to install conduit stub up's at the proposed streetlight locations where the streetlight power sources are proposed. Contractor shall coordinate with Centerpoint Street Lighting Design Section (Contact Adrian Moreno, at 713-945-6274) prior to completion of this item.
5. All existing power poles, light standards, signs, etc., which affect the proposed construction, shall be removed and/or relocated by the utility company for which they serve. The Contractor shall be responsible for notifying the utility company in advance so as not to delay construction schedules.
6. All testing procedures used on this project shall conform to City of Houston standard construction specifications. If any of the test results do not meet the specifications, it shall be the Contractor's responsibility to remove and replace such material so that the specifications can be met. Additional testing to prove compliance with the specifications shall be at the Contractor's expense.
7. All utilities represented on these drawings are shown at the approximate locations based on the best available information. Some of the existing underground utilities shown hereon have not been field verified. They have been plotted from information obtained from the City of Houston and/or private utility companies. The Contractor shall field determine the exact locations prior to commencing construction. The Contractor shall be responsible for any and all damages caused by his failure to exactly locate and maintain these underground utilities.
8. The Contractor shall notify Lonestar Notification Center at 713-223-4567 and Texas One-Call at 1-800-245-4545 a minimum of 48 hours in advance of construction to verify location and depth of all existing utility lines. Contractor shall uncover existing utilities at all points of crossing with proposed underground lines to determine if conflict exists before commencing any construction. Notify the Engineer at once of any conflict. The Contractor shall not make any field modifications without the prior approval of the Engineer. This approval must be obtained prior to resuming any construction in the affected area.
9. The Contractor shall comply with current OSHA regulations. State of Texas

Law and current City of Houston Ordinances and the appropriate sections of the specifications concerning trenching and shoring.

10. Contractor shall coordinate with CenterPoint Gas and AT&T Texas/SWBT to field locate all utilities in potential conflict prior to construction. It shall be the responsibility of the Contractor to contact the Owner of all utilities encountered, field verify their respective depths and avoid damage if at all possible. In the event a conflict arises, the contractor shall contact the City and the utility and arrange for relocation of the utility. Stoppage of work by the Contractor will not be accepted due to utilities encountered.

**Caution: Underground Gas Facilities**

Locations of CenterPoint energy main lines (to include CenterPoint Energy, Intrastate Pipeline, Llc. where applicable) are shown in an approximate location only. Service lines are usually not shown. Our signature on these plans only indicates that our facilities are shown in approximate location. It does not imply that a conflict analysis has been made. The contractor shall contact the Utility Coordinating Committee at (713) 223-4567 or 1-800-669-8344 a minimum of 48 hours prior to construction to have main and service lines field located.

- When CenterPoint Energy pipe line markings are not visible, call (713) 967-8037 (7:00 a.m. to 4:30 p.m.) for status of line location request before excavation begins.
- When excavating within eighteen inches (18") of the indicated location of CenterPoint Energy facilities, all excavation must be accomplished using non-mechanized excavation procedures.
- When CenterPoint Energy facilities are exposed, sufficient support must be provided to the facilities to prevent excessive stress on the piping.

The contractor is fully responsible for any damages caused by his failure to exactly locate and preserve these underground facilities.

**Caution: Overhead Electrical Lines**

Overhead lines may exist on the property. The location of overhead lines has not been shown on these drawings as the lines are clearly visible, but you should locate them prior to beginning any construction. Texas law, section 752, Health & Safety Code forbids activities that occur in close proximity to high voltage lines, specifically:

- Any activity where person or things may come within six (6) feet of live overhead high voltage lines; and
- Operating a crane, derrick, power shovel, drilling rig, pile driver, hoisting

equipment, or similar apparatus within 10 feet of live overhead high voltage lines.

Parties responsible for the work including contractors are legally responsible for the safety of construction workers under this law. This law carries both criminal and civil liability. To arrange for lines to be turned off or removed call CenterPoint Energy at (713) 207-2222.

**Caution: Overhead Electrical Lines**

1. The locations of AT&T Texas/SWBT facilities are shown in an approximate way only. The contractor shall determine the exact location before commencing work. He agrees to be fully responsible for any and all damages which might be occasioned by this failure to exactly locate and preserve these underground utilities.
  2. The contractor shall call 1-800-344-8377 a minimum of 48 hours prior to construction to have underground lines field located.
  3. When excavating within eighteen inches (18") of the indicated location of AT&T Texas/SWBT facilities, all excavations must be accomplished using non-mechanized excavation procedures. When boring, the contractor shall expose the AT&T Texas/SWBT facilities.
  4. When AT&T Texas/SWBT facilities are exposed, the contractor will provide support to prevent damage to the conduit ducts or cables. When excavating near telephone poles the contractor shall brace the pole for support.
  5. The presence or absence of AT&T Texas/SWBT underground conduit facilities or buried cable facilities shown on these plans does not mean that there are no direct buried cables or other cables in conduit in the area.
  6. Please contact the AT&T Texas damage prevention manager Mr. Roosevelt Lee Jr. at (713)567-4552 or email him at rl7259@att.com, if there are questions about boring or excavating near our AT&T Texas/SWBT facilities.
11. All damage caused by Construction of the proposed improvements described herein, shall be the responsibility of the Contractor with no cost being incurred by the City of Houston or the Engineer, including fences, planter boxes and miscellaneous surface structures.

12. Utility placement and location are subject to change between initial survey, preparation of construction documents and award of this contract. Final utility conflict coordination shall be the sole responsibility of the Contractor.
13. Contractor shall contact office of the City Engineer to avoid potential conflicts with other City of Houston project ongoing or planned within the project limits.
14. Restoration of all landscaping, grass materials, positive drainage (swales, ditches, pipe drains and appurtenances), and any sprinkler repair shall be the sole responsibility of the Contractor(s) and done at their expense.
15. Contractor shall have temporary field office as described in Section 01520.
16. Final FMO Sitework Inspection – The contractor shall contact the Floodplain Management Office (832) 394-8854, upon completion of sitework construction (including construction of retaining walls, grading, paving and landscaping) to schedule a Final FMO Sitework Inspection.

#### 1.03 CASH ALLOWANCES

- A. Include the following specific Cash Allowances in Contract Price under provision of General Conditions Paragraph 3.11:
  1. Street Cut Permit Fee. This is an allowance for the Contractor to pay the City of Houston for Street Cut Permits which the Contractor is responsible for obtaining.
  2. CenterPoint Remove and Install Street Lights. This allowance is for the Contractor to pay CenterPoint Electric to remove and install street lights. The contractor shall install conduit and pullboxes.
  3. TxDOT Permit Fee. This is an allowance for the Contractor to pay the Texas Department of Transportation for permits which the Contractor is responsible for obtaining.
  4. Floodplain Management Fee. This is an allowance for the Contractor to pay the Floodplain Management Office (FMO) for permits which the Contractor is responsible for obtaining.

1.04 ALTERNATES

- A. N/A

1.05 CITY-FURNISHED PRODUCTS

- A. Items Furnished by the City for Installation and final connection by Contractor: N/A
- B. Contractor's Responsibilities:
  - 1. Arrange and pay for Product delivery to the site.
  - 2. Receive and unload Products at the site; jointly with the City, inspect for completeness or damage.
  - 3. Handle, store, Install, and finish Products.
  - 4. Repair or replace damaged items.

1.06 WORK SEQUENCE

- A. Construct the work in phases during the construction period; coordinate construction schedule and operations with the City, Metro and schools including HISD. The work of the project shall be phased so that impact to the adjacent commercial and residential area is kept to a minimum for the duration of the project. The work in each phase will be conducted in segments as shown in the plans. All work within Phase 1 and each successive phase shall be in a "substantially complete condition" prior to beginning the construction of the next phase unless the contractor receives consent by the City of Houston Representative to begin a new phase of construction before another phase is complete.
- B. The term 'work' as used below refers to the following sequence of construction activities, as applicable: construction of the proposed water lines and appurtenances, construction of the drainage systems and appurtenances, construction of all pavement, and installation of traffic signals, permanent signage and pavement markings. The work also includes tree protection, storm water pollution prevention, traffic control, site restoration and inspections.
- C. Contractor should schedule construction of drainage systems in each phase, so that proper drainage of existing and proposed storm sewer system is

maintained throughout construction.

- D. Contractor should install all relevant temporary signage, striping, and devices (barricades, low profile barriers, drums, etc.) before moving the traffic as shown on TCP and Detour plans. These installations should be removed or moved as necessary for subsequent phases.

**Phase 1** encompasses construction of pavement, waterline, wastewater and drainage on northbound Dunlavy Steet from Begin to End project limits.

**Phase 2** encompasses construction of pavement, waterline, wastewater and drainage on southbound Dunlavy Steet from Begin to End project limits.

- E. School contacts per construction plans areas are as follows:

Houston ISD

- F. Coordination of the Work: Refer to Section 01312 - Coordination and Meetings.

#### 1.07 CONTRACTOR USE OF PREMISES

- A. Comply with procedures for access to the site and Contractor's use of rights-of-way as specified in Section 01145 - Use of Premises.
- B. Construction Operations: Limited to the City's rights-of-way provided by the City and areas shown or described in the Contract documents.
- C. Utility Outages and Shutdown: Provide a minimum of 48 hour notice to the City and private utility companies (when applicable), excluding weekends and holidays, in advance of required utility shutdown. Coordinate all work as required.

#### 1.08 STREET CUT ORDINANCE

- A. Excavations on or under pavement in the City's right-of-way must have a permit. Comply with City of Houston, Texas Ordinance No. 2000-1115, an ordinance amending Chapter 40 of the Code of Ordinances, Houston, Texas, relating to excavating in the Public right-of-way.
- B. Comply with the latest edition of street cut New Pavement Repair and Pavement Replacement details.

- C. Quantities are included for street cut pavement repair and replacement in applicable Specification sections for Unit Price contracts.

1.09 WARRANTY

- A. Comply with warranty requirements in accordance with Document 00700 - General Conditions.

1.10 ADDITIONAL CONDITIONS FOR SUBSTANTIAL COMPLETION

- A. In addition to requirements outlined in Document 00700 – General Conditions, for Contractor to be substantially complete with the Work and call for inspection by Project Manager to confirm, the following conditions must be met or completed:

1. All yards and sprinkler systems have to be restored or repaired to pre-construction condition.
2. All Traffic control devices and signage that have been salvaged and stored have been reinstalled.
3. All pay items complete report
4. The Contractor is to have done and passed Texas Department of Licensing and Regulation Post Construction Inspection of sidewalks and wheelchair ramps for Texas Accessibility Standards.
5. All safety related work including pavement striping, signing and signalization.
6. Finished grading
7. Construction and/or restoration of driveways, parking lots and sidewalks.
8. Construction and/or replacement of street pavement and curbing.
9. Landscape features (site restoration).
10. Pavement markings.
11. Seeding (Hydro-mulch) and sodding.
12. Successful hydrostatic testing and disinfection.

13. Transfer services.

B. No special condition described in Paragraph 1.09 may be included in Contractor's punch list.

PART 2 P R O D U C T S - Not Used

PART 3 E X E C U T I O N - Not Used

END OF SECTION