

Document 00010

**TABLE OF CONTENTS**

NOTE: Capitalized Specifications are included in:

<https://edocs.publicworks.houstontx.gov/engineering-and-construction/specifications.html>; 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.</u></b>	<b><u>Document Title</u></b>	<b><u>Doc. Date</u></b>
<b>INTRODUCTORY INFORMATION</b>		
00010	Table of Contents .....	02-01-2018
00015	List of Drawings.....	02-01-2004
00041	List of Pre-qualified Asbestos & Lead Abatement Contractors.....	03-21-2012
00042	List of Designated Subcontractors and Suppliers.....	02-01-2004
<b>BIDDING REQUIREMENTS</b>		
<b>INSTRUCTIONS TO BIDDERS</b>		
00200	Instructions to Bidders.....	08-01-2015
00210	Supplementary Instructions to Bidders.....	02-01-2017
00220	Request for Bid Information.....	06-11-2004
<b>INFORMATION AVAILABLE TO BIDDERS</b>		
00320	Geotechnical Information .....	09-02-2005
00340	Environmental Information .....	09-14-2005
<b>BID FORMS AND SUPPLEMENTS</b>		
00410	Bid Form, Parts A & B .....	02-01-2017
00430	Bidder's Bond (For filing; Example Form) .....	02-01-2004
00450	Bidder's Statement of SMWBE Status .....	07-01-2013
00452	Campaign Finance Form.....	12-15-2016
00453	Bidder's Statement of Residency .....	12-15-2016
00454	Affidavit of Non-interest.....	02-01-2004
00455	Affidavit of Ownership or Control.....	12-15-2016
00456	Bidder's Certification of Compliance with Buy American Program ..	02-01-2004
00457	Conflict of Interest Questionnaire.....	02-28-2006
00458	Bidder's Certification Regarding Foreign Trade Restriction .....	02-01-2004
00459	Contractor's Statement Regarding Previous Contracts Subject to Equal	

	Employment Opportunity.....	02-01-2004
00460	Pay or Play Acknowledgement Form (POP-1) .....	07-03-2012
00470	Bidder's MWSBE Participation Plan.....	01-20-2017
00471	Pre-Bid Good Faith Efforts .....	08-01-2015
00472	Bidder's MWSBE Goal Deviation Request.....	08-01-2015
<b>POST-BID PROCEDURES</b>		
00495	Post-bid Procedures.....	03-23-2017

**CONTRACTING REQUIREMENTS****AGREEMENT**

00501	Resolution of Contractor.....	02-01-2010
00520	Agreement.....	05-05-2017
00521	Assignment .....	01-10-2005
00570	Contractor's Revised MWSBE Participation Plan.....	08-01-2013
00571	Record of Post-Award Good Faith Efforts .....	08-01-2013
00572	Contractor's Request for Plan Deviation .....	08-01-2013

**BONDS AND CERTIFICATES**

00600	List of Proposed Subcontractors and Suppliers .....	07-01-2013
00601	Drug Policy Compliance Agreement .....	02-01-2004
00602	Contractor's Drug Free Workplace Policy (For filing)	
00603	Checklist for Drug Policy Submittal .....	05-15-2017
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 in Performance of a City Contract .....	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)	
00624	Affidavit of Compliance with Affirmative Action Program.....	03-23-2017
00625	SRF Participation Summary .....	09-01-2012
00630	Certification of Compliance with Pay or Play Program (POP-2).....	07-03-2012
00631	City of Houston Pay or Play Program – List of Participating Subcontractors .....	07-03-2012
00633	Certification by Proposed Material Suppliers, Lessors, and Professional Service Providers Regarding Equal Employment Opportunity .....	07-11-2016

00636 Certificate of Interested Parties ..... 03-09-2016  
 00642 Monthly Subcontractor Payment Reporting Form ..... 02-01-2010  
 00646 Payment Notification Explanation of Withholding ..... 02-01-2010

**GENERAL CONDITIONS**

00700 General Conditions ..... 05-19-2017

**SUPPLEMENTARY CONDITIONS**

00800 Supplementary Conditions ..... 07-01-2016  
 00808 Requirements for the City of Houston Program for Minority,  
 Women and Small Business Enterprises (MWSBE), and Persons  
 with Disabilities Business Enterprises (PDBE) ..... 07-01-2016  
 00820 Wage Scale and Payroll Requirements for Engineering  
 Construction ..... 02-01-2017  
 00830 Trench Safety Geotechnical Information ..... 02-01-2004  
 00840 Pay or Play Program ..... 07-03-2012

**ADDENDA AND MODIFICATIONS**

00931 Request for Information..... 02-01-2004

**SPECIFICATIONS****DIVISION 1 - GENERAL REQUIREMENTS**

01110	SUMMARY OF WORK.....	11-19-2018
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) .....	04-01-2018
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 .....	02-08-2012
01554	TRAFFIC CONTROL AND STREET SIGNS.....	07-01-2012
01555S	<i>TRAFFIC CONTROL AND REGULATION.....</i>	<i>10-04-2013</i>
*01555	TRAFFIC CONTROL AND REGULATION.....	01-01-2011
01562	TREE AND PLANT PROTECTION .....	01-01-2011
01570	STORM WATER POLLUTION CONTROL.....	01-26-2012
01575	STABILIZED CONSTRUCTION ACCESS .....	02-01-2011
01576	WASTE MATERIAL DISPOSAL.....	08-01-2003
01578	CONTROL OF GROUND AND SURFACE WATER .....	07-01-2017
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
01732	PROCEDURE FOR WATER VALVE ASSISTANCE (WITH ATTACHMENTS).....	08-01-2003
01740S	<i>Site Restoration.....</i>	<i>06-20-2017</i>
*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

**DIVISION 2 - SITE WORK**

02081	CAST-IN-PLACE CONCRETE MANHOLES.....	01-01-2011
02082	PRECAST CONCRETE MANHOLES.....	07-01-2016
02083	FIBERGLASS MANHOLES.....	07-01-2016
02085	VALVE BOXES, METER BOXES, AND METER VAULTS.....	01-01-2011
02086	ADJUSTING MANHOLES, INLETS, AND VALVE BOXES TO GRADE.....	01-01-2011
02087	BRICK MANHOLE FOR STORM SEWERS.....	10-01-2002
02088	PRECAST POLYMER CONCRETE MANHOLES.....	07-01-2016
02090	FRAMES, GRATES, RINGS, AND COVERS.....	07-01-2016
02091	NON-METALLIC FRAMES, GRATES, RINGS, AND COVERS.....	07-01-2016
02105	CHEMICAL SAMPLING AND ANALYSIS.....	02-17-2011
02120	OFF SITE TRANSPORTATION AND DISPOSAL.....	02-17-2011
02136	WASTE MATERIAL HANDLING, TESTING AND DISPOSAL.....	01-01-2011
02201	SITE PREPARATION, GRADING, RESTORATION AND CLEAN UP FOR WATER STORAGE TANKS.....	01-01-2011
02221	REMOVING EXISTING PAVEMENTS AND STRUCTURES.....	07-01-2016
02222	ABANDONMENT OF SEWERS.....	01-01-2011
02233	CLEARING AND GRUBBING.....	01-01-2011
02260	TRENCH SAFETY SYSTEM.....	07-01-2016
02315	ROADWAY EXCAVATION.....	07-01-2009
02316	EXCAVATION AND BACKFILL FOR STRUCTURES.....	01-01-2011
02317	EXCAVATION AND BACKFILL FOR UTILITIES.....	07-01-2016
02318	EXTRA UNIT PRICE WORK FOR EXCAVATION AND BACKFILL.....	01-01-2011
02319	BORROW.....	01-01-2011
02320	UTILITY BACKFILL MATERIALS.....	01-01-2011
02321	CEMENT STABILIZED SAND.....	01-01-2011
02322	FLOWABLE FILL.....	08-01-2008
02330	EMBANKMENT.....	10-01-2002
02336	LIME-STABILIZED SUBGRADE.....	10-01-2002
02337	LIME/FLY-ASH STABILIZED SUBGRADE.....	10-01-2002
02338	PORTLAND CEMENT STABILIZED SUBGRADE.....	10-01-2002
02340	COMPACTED SANDFILL UNDER TANK FLOOR PLATE.....	01-01-2011
02400	TUNNEL SHAFTS.....	01-01-2011
02401	COMMON TUNNEL SHAFTS.....	01-01-2011
02425	TUNNEL EXCAVATION AND PRIMARY LINER.....	10-01-2002
02426	SEWER LINE IN TUNNELS.....	10-01-2002
02427	PLASTIC LINER FOR LARGE-DIAMETER CONCRETE SEWERS AND STRUCTURES.....	10-01-2002
02431	TUNNEL GROUT.....	10-01-2002
02441	MICROTUNNELING AND PIPE-JACKED TUNNELS.....	01-01-2011

02447	AUGERING PIPE AND CONDUIT .....	07-01-2016
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 .....	07-01-2016
02502	STEEL PIPE AND FITTINGS.....	07-01-2016
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.....	07-01-2016
02507	PRESTRESSED CONCRETE CYLINDER PIPE .....	07-01-2016
02508	EXTRA STRENGTH CLAY PIPE .....	02-01-2011
02509	FIBERGLASS REINFORCED PIPE FOR PRESSURE MAINS .....	07-01-2016
02510	POLYPROPYLENE (PP) CORRUGATED WALL PIPE .....	07-01-2016
02511	WATER LINES.....	07-01-2016
02512	WATER TAP AND SERVICE LINE INSTALLATION.....	07-01-2016
02513	WET CONNECTIONS.....	07-01-2016
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.....	07-01-2016
02518	STEEL PIPE AND FITTINGS FOR LARGE-DIAMETER WATER LINES.....	07-01-2016
02520	FIRE HYDRANTS .....	07-01-2016
02521	GATE VALVES .....	01-01-2011
02522S	<i>Butterfly Valves</i> .....	12-22-2016
*02522	BUTTERFLY VALVES .....	07-01-2016
02523	PRESSURE REDUCING VALVES .....	10-01-2002
02524s	<i>Air Release and Vacuum Relief Valves</i> .....	03-30-2017
*02524	AIR RELEASE AND VACUUM RELIEF VALVES .....	07-01-2016
02525	TAPPING SLEEVES AND VALVES.....	07-01-2016
02526	WATER METERS .....	01-01-2011
02527	POLYURETHANE COATINGS ON STEEL OR DUCTILE IRON PIPE .....	07-01-2016
02528	POLYETHYLENE WRAP .....	01-01-2011
02529	TAPE COATINGS ON STEEL PIPE .....	07-01-2016
02531	GRAVITY SANITARY SEWERS .....	07-01-2016
02532	SANITARY SEWER FORCE MAINS .....	07-01-2016
02533S	<i>Acceptance Testing for Sanitary Sewers</i> .....	04-05-2017
*02533	ACCEPTANCE TESTING FOR SANITARY SEWERS .....	01-01-2011
02534	SANITARY SEWER SERVICE STUBS OR RECONNECTIONS....	01-01-2011
02550	SLIPLINING SANITARY SEWERS.....	01-01-2011
02551	SANITARY SEWER RENEWAL BY SPIN CAST PIPE LINING METHOD.....	07-01-2016

02553	POINT REPAIR AND OBSTRUCTION REMOVALS .....	07-01-2016
02555	MANHOLE REHABILITATION .....	07-01-2016
02556	CURED IN PLACE PIPE .....	07-01-2016
02557	FOLDED AND FORMED PIPE .....	01-01-2011
02558	CLEANING AND TELEVISION INSPECTION .....	07-01-2016
02571	CRUSHING SANITARY SEWERS.....	01-01-2011
02581	STREET LIGHTING CONDUIT .....	10-01-2002
02582S	<i>Traffic Signal Pole Assemblies</i> .....	10-12-2015
*02582	TRAFFIC SIGNAL POLE ASSEMBLIES.....	07-01-2009
02590	STREETLIGHT LUMINAIRES.....	07-01-2018
02611	REINFORCED CONCRETE PIPE .....	02-01-2011
02612	PRECAST REINFORCED CONCRETE BOX SEWERS.....	10-01-2002
02613	BAR WRAPPED STEEL CYLINDER PIPE .....	07-01-2016
02621	GEOTEXTILE.....	10-01-2002
02631	STORM SEWERS.....	01-26-2012
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> .....	12-29-2009
*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 .....	07-01-2012
02765	TEMPORARY AND REMOVABLE REFLECTORIZED PAVEMENT MARKINGS .....	07-01-2012
02767	THERMOPLASTIC PAVEMENT MARKINGS.....	07-01-2018
02771	CURB, CURB AND GUTTER, AND HEADERS.....	07-01-2016
02772	CONCRETE MEDIANS AND DIRECTIONAL ISLANDS.....	10-01-2002
02775	CONCRETE SIDEWALKS .....	07-01-2016
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
02983S	<i>Removal and Restoration of Brick-Paved Streets .....</i>	<i>02-05-2004</i>
*02983	REMOVAL AND RESTORATION OF BRICK-PAVED STREETS...	10-01-2002

**DIVISION 3 - CONCRETE**

03315	CONCRETE FOR UTILITY CONSTRUCTION .....	10-01-2002
-------	-----------------------------------------	------------

**DIVISION 4 - MORTAR**

04061	MORTAR.....	10-01-2002
04210	BRICK MASONRY FOR UTILITY CONSTRUCTION .....	10-01-2002

**DIVISION 5 - METALS**

05501	METAL FABRICATIONS.....	01-01-2011
-------	-------------------------	------------

**DIVISION 6 - WOOD AND PLASTICS-NOT USED****DIVISION 7 - THERMAL AND MOISTURE PROTECTION-NOT USED****DIVISION 8 - DOORS AND WINDOWS-NOT USED****DIVISION 9 – FINISHES**

09901	PROTECTIVE COATINGS.....	03-01-2018
09971	HIGH BUILD GLAZED COATINGS.....	01-01-2011

**DIVISION 10 – SPECIALTIES-NOT USED****DIVISION 11 – EQUIPMENT-NOT USED****DIVISION 12 – FURNISHINGS-NOT USED****DIVISION 13 - SPECIAL CONSTRUCTION**

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
-------	-------------------------------------	------------

**DIVISION 14 - CONVEYING SYSTEMS – NOT USED****DIVISION 15 – MECHANICAL**

15640	JOINT BONDING AND ELECTRICAL ISOLATION .....	01-01-2011
15641	CORROSION CONTROL TEST STATIONS.....	01-01-2011

**DIVISION 16 – ELECTRICAL**

16010	BASIC ELECTRICAL REQUIREMENTS .....	07-01-2016
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 .....	07-01-2012
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).....	07-01-2015
16730	ITS CONTROLLER CABINET ASSEMBLY .....	07-01-2009
16731	MODEL 2070 CONTROLLER UNIT.....	05-26-2016
16733	MANAGED FIELD HARDENED ETHERNET SWITCH .....	07-01-2009
16735	FIBER OPTIC SPLICE ENCLOSURE.....	07-01-2012
16736	FIBER DISTRIBUTION UNIT .....	07-01-2009
16737	COMMUNICATION SERVICE BOX.....	07-01-2012
16738	WIRELESS COMMUNICATION SYSTEM.....	07-01-2009
16740	SINGLE MODE FIBER OPTIC COMMUNICATION SYSTEM.....	07-01-2012
16742	VIDEO DETECTION SYSTEMS .....	07-01-2009
16743	CDMA MODEM ASSEMBLY.....	07-01-2012
16750	ACCESSIBLE PEDESTRIAN PUSH BUTTON STATION.....	07-01-2009

**APPENDICES**

Appendix A – Geotechnical Investigation (PDF on attached CD)

Appendix B – Phase I Environmental Site Assessment (PDF on attached CD)

Appendix C – Phase II Environmental Site Assessment (PDF on attached CD)

Appendix D – Geologic Fault Assessment (PDF on attached CD)

END OF DOCUMENT