

Document 00910

ADDENDUM NO. 1

Date of Addendum: 07-24-2014

PROJECT NAME: Wastewater Collection System Rehabilitation and Renewal

PROJECT NO: WBS No. R-000266-0215-4, File No. 4235-75

BID DATE: July 31, 2014 (There is no change to the Bid Date.)

FROM: Tim Lincoln, P.E., City Engineer
City of Houston
Department of Public Works and Engineering
1002 Washington Avenue
Houston, Texas 77002

Attn: Mary Bac, P.E., Project Manager

TO: **Prospective Bidders**

This Addendum forms a part of the Bidding Documents and will be incorporated into the Contract documents, as applicable. Insofar as the original Project Manual and Drawings are inconsistent, this Addendum governs.

This Addendum uses the change page method: remove and replace or add pages, or Drawing sheets, as directed in the change instructions below. Change bars (|) are provided in the outside margins of pages from the Project Manual to indicate where changes have been made; no change bars are provided in added Sections. Reissued Drawing Sheets show the Addendum number below the title block and changes in the Drawing are noted by a revision mark and enclosed in a revision cloud.



CHANGES TO PROJECT MANUAL

CONTRACT DOCUMENTS

1. Document 00010 – Table of Contents. Replace with attached revised Document 00010.

SPECIFICATIONS

1. Section 01110 – Summary of Work. Replace with attached revised Section 01110.
2. Section 01740-S – Site Restoration. Replace with attached revised Section 01740-S.

END OF ADDENDUM NO. 1



Dan Ratnayake, P.E.
Managing Engineer
Department of Public Works and Engineering

07-24-2014
DATED

Document 00010

TABLE OF CONTENTS

NOTE: Bold capitalized Specification Sections are included in <http://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 which is marked with a supplement bar, 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.

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

INTRODUCTORY INFORMATION

00010	Table of Contents	07-22-2014
00015	List of Drawings	06-03-2014

BIDDING REQUIREMENTS

INSTRUCTIONS TO BIDDERS

00200	Instructions to Bidders.....	03-01-2014
00210	Supplementary Instructions to Bidders	03-01-2014
00220	Request for Bid Information	06-11-2004

BID FORMS AND SUPPLEMENTS

00410	Bid Form, Parts A & B.....	06-03-2014
00430	Bidder's Bond (For filing; Example Form).....	02-01-2004
00450	Bidder's Statement of MWBE/PDBE/DBE/SBE Status	07-01-2013
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
00457	Conflict of Interest Questionnaire.....	02-28-2006
00460	Pay or Play Acknowledgement Form (POP-1).....	07-03-2012

POST-BID PROCEDURES

00495	Post-bid Procedures	08-01-2013
-------	---------------------------	------------

TABLE OF CONTENTS

Doc. No.	Document Title	Doc. Date
CONTRACTING REQUIREMENTS		
AGREEMENT		
00501	Resolution of Contractor	02-01-2010
00520	Agreement.....	11-01-2013
BONDS AND CERTIFICATES		
00600	List of Proposed Subcontractors and Suppliers, Parts A & B.....	07-01-2013
00601	Drug Policy Compliance Agreement	02-01-2004
00602	Contractor's Drug Free Workplace Policy (For filing)	
00604	History of OSHA Actions and List of On-the-job Injuries	02-01-2004
00605	List of Safety Impact Positions	02-01-2004
00607	Certification Regarding Debarment, Suspension, and Other Responsibility Matters	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)	
00623	Contractor's Act of Assurance (SRF Form ED-103).....	02-01-2004
00624	Affidavit of Compliance with Affirmative Action Program	02-01-2004
00625	SRF Participation Summary.....	09-01-2012
00626	SRF Affirmative Steps Solicitation Report.....	09-01-2012
00627	SRF Prime Contractor Affirmative Steps Certification and Goals ...	09-01-2012
00630	Certification of Compliance with Pay or Play Program.....	07-03-2012
00631	City of Houston Pay or Play Program – List of Participating Subcontractors.....	07-03-2012
00641	Contractor's Certification of Final Completion.....	02-01-2004
00642	Monthly Subcontractor Payment Reporting Form	02-01-2010
00644	Drug Policy Compliance Declaration.....	02-01-2004
00645	Certificate of Substantial Completion	06-27-2005
00646	Payment Notification Explanation of Withholding	02-01-2010
00650	Certificate of Final Completion	06-27-2005
GENERAL CONDITIONS		
00700	General Conditions	08-01-2013
SUPPLEMENTARY CONDITIONS		
00800	Supplementary Conditions	08-01-2013
00802	SRF Supplementary Conditions.....	05-16-2014
00805	Equal Employment Opportunity Requirements.....	05-01-2012

Addendum No. 1

00010-2

07-22-2014

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
00806	Environmental Protection Agency Disadvantaged Business Enterprises and Wage Rate Requirements	07-01-2012
00812	Wage Scale for Heavy Construction.....	02-01-2014
00840	Pay or Play Program Requirements.....	05-05-2011

ADDENDA AND MODIFICATIONS

00931	Request for Information (Example only).....	02-01-2004
00932	Request for Proposal (Example only).....	02-01-2004
00940	Work Change Directive (Example only).....	02-01-2004
00941	Change Order/C.O. No. (Example only).....	02-01-2004
00942	Minor Change in Work (Example only).....	02-01-2004

SPECIFICATIONS

DIVISION 1 - GENERAL REQUIREMENTS

01110	Summary of Work	07-22-2014
01145S	Use of Premises.....	01-01-2011
*01145	Use of Premises.....	01-01-2011
01255	Change Order Procedures.....	08-01-2003
01270S	Measurement and Payment.....	06-28-2004
*01270	Measurement and Payment.....	08-01-2003
01312	Coordination and Meetings.....	08-01-2003
01321S	Construction Photographs	02-20-2007
*01321	Construction Photographs	08-01-2003
01326S	Construction Schedule (Bar Chart).....	11-01-2004
*01326	Construction Schedule (Bar Chart).....	08-01-2003
01330S	Submittal Procedures	07-22-2005
*01330	Submittal Procedures	08-01-2003
01340	Shop Drawings, Product Data, and Samples.....	08-01-2003
01410	TPDES Requirements (with Attachments).....	02-01-2011
01450	Contractor's Quality Control.....	08-01-2003
01452	Inspection Services.....	08-01-2003
01454	Testing Laboratory Services.....	08-01-2003
01504S	Temporary Facilities and Controls.....	01-01-2011
*01504	Temporary Facilities and Controls.....	01-01-2011
01506S	Diversion Pumping.....	03-27-2014
*01506	Diversion Pumping.....	08-01-2003
01555S	Traffic Control and Regulation.....	01-01-2011
*01555	Traffic Control and Regulation.....	01-01-2011
01562	Tree and Plant Protection.....	01-01-2011
01570S	Storm Water Pollution Control.....	01-26-2012
*01570	Storm Water Pollution Control.....	01-26-2012

Addendum No. 1

00010-3

07-22-2014

TABLE OF CONTENTS

Doc. No.	Document Title	Doc. Date
01576S	Waste Material Disposal.....	03-22-2005
*01576	Waste Material Disposal.....	08-01-2003
01578S	Control of Ground and Surface Water	01-01-2011
*01578	Control of Ground and Surface Water	01-01-2011
01610	Basic Product Requirements.....	01-01-2011
01630	Product Substitution Procedures.....	08-01-2003
01731	Cutting and Patching.....	01-01-2011
01740S	Site Restoration.....	07-22-2014
*01740	Site Restoration.....	08-01-2003
01770S	Closeout Procedures.....	03-28-2014
*01770	Closeout Procedures.....	08-01-2003
01785S	Project Record Documents.....	03-28-2014
*01785	Project Record Documents.....	08-01-2003
DIVISION 2 - SITE WORK		
02082S	Precast Concrete Manholes.....	03-27-2014
*02082	PRECAST CONCRETE MANHOLES	01-01-2011
02083S	Fiberglass Manholes.....	04-03-2014
*02083	FIBERGLASS MANHOLES	01-01-2011
02084S	Frames, Grates, Rings, and Covers.....	08-01-2008
*02084	FRAMES, GRATES, RINGS, AND COVERS	08-01-2008
02086S	Adjusting Manholes, Inlets, and Valve Boxes to Grade	02-29-2012
*02086	ADJUSTING MANHOLES, INLETS, AND VALVE BOXES TO GRADE	01-01-2011
02221S	Removing Existing Pavements and Structures	07-01-2009
*02221	REMOVING EXISTING PAVEMENTS AND STRUCTURES	07-01-2009
02222S	Abandonment of Sewers	01-01-2011
*02222	ABANDONMENT OF SEWERS	01-01-2011
02260	TRENCH SAFETY SYSTEM	02-01-2011
02317S	Excavation And Backfill For Utilities.....	01-01-2011
*02317	EXCAVATION AND BACKFILL FOR UTILITIES	01-01-2011
02318S	Extra Unit Price Work For Excavation and Backfill	04-07-2014
*02318	EXTRA UNIT PRICE WORK FOR EXCAVATION AND BACKFILL	01-01-2011
02320S	Utility Backfill Materials	01-01-2011
*02320	UTILITY BACKFILL MATERIALS	01-01-2011
02321S	Cement Stabilized Sand.....	01-01-2011
*02321	CEMENT STABILIZED SAND	01-01-2011
02336S	Lime-Stabilized Subgrade.....	11-01-2004
*02336	LIME-STABILIZED SUBGRADE	10-01-2002
02338S	Portland Cement Stabilized Subgrade	11-01-2004

Doc. No.	Document Title	Doc. Date
*02338	PORTLAND CEMENT STABILIZED SUBGRADE.....	10-01-2002
02501S	Ductile Iron Pipe and Fittings.....	02-01-2011
*02501	DUCTILE IRON PIPE AND FITTINGS	02-01-2011
02504	FIBERGLASS REINFORCED PIPE	02-01-2011
02505S	High Density Polyethylene (HDPE) Solid and Profile Wall Pipe.....	02-01-2011
*02505	HIGH DENSITY POLYETHYLENE (HDPE) SOLID AND PROFILE WALL PIPE	02-01-2011
02506S	Polyvinyl Chloride Pipe.....	01-01-2011
*02506	POLYVINYL CHLORIDE PIPE	01-01-2011
02528S	Polyethylene Encasement/Wrap.....	01-01-2011
*02528	POLYETHYLENE ENCASEMENT/WRAP	01-01-2011
02531S	Gravity Sanitary Sewers	01-01-2011
*02531	GRAVITY SANITARY SEWERS.....	01-01-2011
02533S	Acceptance Testing for Sanitary Sewers.....	01-01-2011
*02533	ACCEPTANCE TESTING FOR SANITARY SEWERS.....	01-01-2011
02534S	Sanitary Sewer Service Stubs or Reconnections	01-01-2011
*02534	SANITARY SEWER SERVICE STUBS OR RECONNECTIONS ...	01-01-2011
02550	SLIPLINING SANITARY SEWERS	01-01-2011
02553S	Point Repairs and Obstruction Removals.....	06-07-2011
*02553	POINT REPAIRS AND OBSTRUCTION REMOVALS.....	01-01-2011
02555S	Manhole Rehabilitation	01-01-2011
*02555	MANHOLE REHABILITATION	01-01-2011
02558S	Cleaning and Television Inspection.....	05-20-2014
*02558	CLEANING AND TELEVISION INSPECTION.....	01-01-2011
02571S	Pipe Bursting/Crushing Sanitary Sewers.....	04-24-2013
*02571	PIPE BURSTING/CRUSHING SANITARY SEWERS.....	01-01-2011
02611S	Reinforced Concrete Pipe.....	02-01-2011
*02611	REINFORCED CONCRETE PIPE	02-01-2011
02621	GEOTEXTILE	10-01-2002
02711S	Hot Mix Asphalt Base Course	07-01-2009
*02711	HOT MIX ASPHALT BASE COURSE	07-01-2009
02712S	Cement Stabilized Base Course.....	11-03-2006
*02712	CEMENT STABILIZED BASE COURSE.....	10-01-2002
02713S	Recycled Crushed Concrete Base Course	07-01-2009
*02713	RECYCLED CRUSHED CONCRETE BASE COURSE.....	07-01-2009
02741S	Asphaltic Concrete Pavement.....	07-01-2009
*02741	ASPHALTIC CONCRETE PAVEMENT.....	07-01-2009
02743	TACK COAT.....	10-01-2002
02751S	Concrete Paving	06-07-2011
*02751	CONCRETE PAVING	07-01-2009
02752S	Concrete Pavement Joints.....	11-01-2004

TABLE OF CONTENTS

Doc. No.	Document Title	Doc. Date
*02752	CONCRETE PAVEMENT JOINTS	10-01-2002
02753	CONCRETE PAVEMENT CURING	10-01-2002
02754S	Concrete Driveways	11-01-2004
*02754	Concrete Driveways	09-01-2002
02763	Preformed Durable Pavement Marking and Reflectorized Paint	07-01-1997
02771S	Curb, Curb and Gutter, and Headers	11-01-2004
*02771	CURB, CURB AND GUTTER, AND HEADERS	10-01-2002
02775S	Concrete Sidewalks	03-01-2011
*02775	CONCRETE SIDEWALKS	10-01-2002
02821S	Chain Link Fences and Gates.....	06-28-2004
*02821	Chain Link Fences and Gates.....	07-01-1997
02911	TOPSOIL	10-01-2002
02915S	Tree Planting.....	01-01-2011
*02915	TREE PLANTING.....	01-01-2011
02921S	Hydro Mulch Seeding.....	01-01-2011
*02921	HYDRO MULCH SEEDING.....	01-01-2011
02922S	Sodding.....	07-01-2009
*02922	SODDING.....	07-01-2009
02951	PAVEMENT REPAIR AND RESURFACING.....	07-01-2009
02960	MILLING PAVEMENT.....	07-01-2009
DIVISION 3 - CONCRETE		
03315S	Concrete for Utility Construction	06-28-2004
*03315	CONCRETE FOR UTILITY CONSTRUCTION	10-01-2002

END OF DOCUMENT

Section 01110

SUMMARY OF WORK

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Summary of the Work including Work Covered by Contract Documents, Cash Allowances, Work Sequence, Contractor use of Premises, Street Cut Ordinance, Warranty, and Additional Requirements.

1.02 WORK COVERED BY CONTRACT DOCUMENTS

- A. Work of the contract includes 160 point repairs on sanitary sewers ranging in size from 6 to 48-inches in diameter; 2,480 feet of additional sewer replacement beyond these point repairs; Sliplining or Pipe Bursting approximately 8,500 feet of sanitary sewer ranging from 6 to 18-inches in diameter; cleaning and televising of 160,000 feet of sanitary sewer ranging in size from 6 to 48-inches in diameter; construction of approximately 5 new manholes; 120 vertical feet of manhole rehabilitation; 3,000 square yards of removal and replacement of up to 2" hot-mix asphaltic concrete and 1,500 square yards of removal and replacement of concrete pavement; and ancillary work to remove and restore surface features disturbed as a result of the work.
- B. The Quantities and Base Unit Prices are listed in Document 00410B – Bid Form Part B. The final quantities for Major Unit Price Work items may vary up to forty percent (plus or minus) from the quantities listed in Document 00410B. The final quantities for other Unit Price Work items may vary more.
- C. The Unit Price paid for work performed shall be the Base Unit Price multiplied by the Bidder's Base Bid Adjustment Factor (F). This Adjustment Factor shall be applied to all Work Items. Payment shall be in accordance with the applicable Specification Sections and Paragraph 1.03 – Cash Allowances.

1.03 CASH ALLOWANCES

- A. Include the following specific Cash Allowance in Contract Price under provision of General Conditions Paragraph 3.11:
 - 1. An allowance in the amount of \$30,000.00 is included in the Contract Price for Street Cut Permits. Payment shall be for the actual amount invoiced without applying the Bidder's Base Bid Adjustment Factor (F), Profit, Overhead, or Administrative costs.

1.04 WORK SEQUENCE

- A. Construct the Work in Phases during the construction period, coordinate construction schedule and operations with the City:
 - 1. Phase 1: No Phases for this Project.
 - 2. Phase 2: [_____].
 - 3. Phase 3: [_____].
- B. For projects with no Phases, complete site restoration within six (6) days after the repair items are completed in accordance with Section 01740 – Site Restoration.
- C. Collection System Repairs in WOB will administer this contract and issue Work Orders to the Contractor over the term of the contract. The Work will be within the City Limits and each Work Order may vary in its location. Location drawings will be issued with each Work Order.
- D. Collection System Repairs in WOB will administer the work in a series of Work Orders.
- E. Coordination of the Work: Refer to Section 01312 - Coordination and Meetings.

1.05 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 hours 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.
- D. Sanitary Sewer Overflows: In the event or observance of a sanitary sewer overflow the Contractor will call the Houston Service Center at 311 (inside city limits) or (713) 837-0311 (outside city limits) within 24 hours of the event or observance.

1.06 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.
- D. Payment for street cut pavement repair and replacement shall be made for each street cut in accordance with specification for unit price of contract. Apply for street cut permit online.

1.07 WARRANTY

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

1.08 ADDITIONAL REQUIREMENTS

- A. CONSTRUCTION SCHEDULE - Contractor shall submit a construction schedule for each Work Order issued within 5 days to the City. Show sufficient details to illustrate sufficient planning of the work as required in Section 01326 – Construction Schedule.
- B. COMPLETING WORK ORDERS - Contractor shall complete all repair and restoration work items for each work order within eighteen (18) days from the date the Work Order is issued to the contractor. This includes completing all repair work items listed on the Work Order within twelve (12) days from the date the Work Order is issued. Liquidated damages may be assessed in accordance with Document 00800 – Supplementary Conditions.
- C. IDENTIFICATION BADGES – The Department of Public Works and Engineering requires for any worker on the project site to have identification badge easily visible on his or her body. The badge shall include a photograph of the employee, name of the employee, name of the company, and company logo. This requirement applies to all employees of the prime contractor, subcontractors, suppliers, and others working on the project site.
- D. VIDEO SUBMITTALS – All videos shall be submitted in accordance with the specifications in Document 02558 – Cleaning and Television Inspection.

- E. Prior to locating utilities or mobilizing on any work order issued on this project, the Contractor shall, in coordination with the Construction Manager, schedule a meeting with the neighborhood association of the affected area. Such meeting shall serve the purpose of alerting residents and business owners of 1) the nature and locations of the work to be performed, 2) the anticipated timeframe and dates of disruption of service, 3) street closures, and 4) potential benefit to the neighborhood. The Contractor shall at that time distribute flyers showing the Contractor's name, their contact name and phone number, WBS No., File No., all of the information in items 1-4 above, and a map of the limits of the work order area. No work will be allowed to proceed on the work order until the meeting is held with the neighborhood association or until the Construction Manager has determined that it may be waived.
- F. **MINIMUM CREW REQUIREMENTS** - The Contractor shall be required to provide a minimum of three (3) crews Monday through Friday and one (1) crew on Saturday or Sunday for Point Repairs as requested by the City. A separate crew shall be available for Sliplining and Pipe Bursting work Monday through Saturday when requested by the City. One crew is to have a minimum of two workers. The Contractor shall ensure the crews are available for work seven (7) days per week, ten (10) hours per day, exclusive of holidays. The Contractor shall work weekends, holidays, or after normal business hours, as requested by the City. Failure to successfully complete work within the time required by Section 1.08 of this specification may be grounds for assessing liquidated damages.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

Section 01740-S

SITE RESTORATION

The following supplements modify Section 01740 – Site Restoration Standard Specification. Where a portion of the Restoration of Site Improvements Standard Specification is modified or deleted by this Supplementary Specification, the unaltered portions of the Restoration of Site Improvements Standard Specification shall remain in effect.

- 1.02 UNIT PRICES: *Delete Sections A and B and replace with the following.*
- A. Payment for regular restoration of Project site disturbed by utility construction operations is as defined in Document 00410B – Bid Form Part B. Measurement will be as provided for corresponding utility in each Specification sections. Unanticipated restoration involving pave stones, decks or other special structures shall be paid through Change Order as approved by the Engineer.
 - B. Unpaved Surface Restoration.
 - 1. All unpaved surface restoration associated with rehabilitation by sliplining and pipe bursting, point repairs, pipe replacement, cured-in-place pipe, manhole installation, junction box replacement and service reconnections is incidental to these bid items.
 - 2. Payments for removal and replacement of chain link or wooden fence associated with rehabilitation shall be limited to the actual length of fence not to exceed the length of the associated point repair pay item.
 - 3. Payment for removal and replacement of fencing shall only be made when new fence is installed. Removal and replacement with existing fencing shall be considered incidental to the applicable Bid Item.
 - 4. No payment shall be made for fence removal and replacement associated with Contractor's equipment access or work performance.
 - 5. The pay item shown in Document 00410B – Bid Form Part B for removal and replacement of wooden or chain link fence applies to all heights of fencing.
- 1.05 SCHEDULING: *Delete Section C and replace with the following:*
- C. Construction of Projects with no Phases listed in Section 01110- Summary of Work:
 - 1. Contractor shall complete site restoration within six (6) days after the repair items are completed.
 - 2. Failure to maintain the backlog of restoration at less than 6 calendar days will result in the City withdrawing payment for all items on the affected work orders. Payment previously made for items on these work orders will

S
U
P
P
L
E
M
E
N
T

be deducted from subsequent pay applications and withheld until restoration is accepted.

END OF SUPPLEMENT

S

U

P

P

L

E

M

E

N

T