

Document 00910

**ADDENDUM NO. 1**

Date of Addendum: 06-12-15

PROJECT NAME: Wastewater Collection System Rehabilitation and Renewal

PROJECT NO: WBS No. R-000266-0235-4, File No. 4235-83

BID DATE: June 25, 2015 (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 FORMS

1. Document 00410B – Bid Form - Part B. Replace with attached revised Bid Form Part B.

END OF ADDENDUM NO.   1  

*for*   
\_\_\_\_\_  
Dan Ratnayake, P.E.  
Managing Engineer  
Department of Public Works and Engineering

  6/12/15    
DATED

**B. BASE UNIT PRICE TABLE:**

| Item No. | Section No. | Item Description   | Unit Measure | Unit Quantity | Unit Price | Total in Figures |
|----------|-------------|--|--------------|---------------|------------|------------------|
| 1        | 02558       | Cleaning 6"-10" Sewer, All Depths                              | L.F.         | 3500          | \$1.50     | \$5,250.00       |
| 2        | 02558       | Cleaning 12"-15" Sewer, All Depths                             | L.F.         | 950           | \$1.75     | \$1,662.50       |
| 3        | 02558       | Cleaning 16"-24" Sewer, All Depths                             | L.F.         | 800           | \$3.00     | \$2,400.00       |
| 4        | 02558       | Cleaning 27"-30" Sewer, All Depths                             | L.F.         | 500           | \$4.00     | \$2,000.00       |
| 5        | 02558       | Cleaning 33"-48" Sewer, All Depths                             | L.F.         | 500           | \$10.00    | \$5,000.00       |
| 6        | 02558       | TV Inspection 6"-10" Sewer, All Depths                         | L.F.         | 3500          | \$1.25     | \$4,375.00       |
| 7        | 02558       | TV Inspection 12"-15" Sewer, All Depths                        | L.F.         | 950           | \$1.50     | \$1,425.00       |
| 8        | 02558       | TV Inspection 16"-24" Sewer, All Depths                        | L.F.         | 800           | \$2.00     | \$1,600.00       |
| 9        | 02558       | TV Inspection 27"-30" Sewer, All Depths                        | L.F.         | 500           | \$3.00     | \$1,500.00       |
| 10       | 02558       | TV Inspection 33"-48" Sewer, All Depths                        | L.F.         | 500           | \$4.00     | \$2,000.00       |
| 11       | 02553       | Sewer Point Repair 6"-10", Up to 10' Depth                     | EACH         | 55            | \$1,500.00 | \$82,500.00      |
| 12       | 02553       | Pipe Replacement Beyond Point Repair 6"-10", Up to 10' Depth   | L.F.         | 1100          | \$45.00    | \$49,500.00      |
| 13       | 02553       | Sewer Point Repair 6"-10", 10' to 15' Depth                    | EACH         | 55            | \$2,800.00 | \$154,000.00     |
| 14       | 02553       | Pipe Replacement Beyond Point Repair 6"-10", 10' to 15' Depth  | L.F.         | 1100          | \$65.00    | \$71,500.00      |
| 15       | 02553       | Sewer Point Repair 6"-10", Over 15' Depth                      | EACH         | 28            | \$4,300.00 | \$120,400.00     |
| 16       | 02553       | Pipe Replacement Beyond Point Repair 6"-10", Over 15' Depth    | L.F.         | 290           | \$85.00    | \$24,650.00      |
| 17       | 02553       | Sewer Point Repair 12"-15", Up to 10' Depth                    | EACH         | 28            | \$1,800.00 | \$50,400.00      |
| 18       | 02553       | Pipe Replacement Beyond Point Repair 12"-15", Up to 10' Depth  | L.F.         | 290           | \$85.00    | \$24,650.00      |
| 19       | 02553       | Sewer Point Repair 12"-15", 10' to 15' Depth                   | EACH         | 11            | \$3,000.00 | \$33,000.00      |
| 20       | 02553       | Pipe Replacement Beyond Point Repair 12"-15", 10' to 15' Depth | L.F.         | 110           | \$95.00    | \$10,450.00      |
| 21       | 02553       | Sewer Point Repair 12"-15", Over 15' Depth                     | EACH         | 11            | \$4,500.00 | \$49,500.00      |
| 22       | 02553       | Pipe Replacement Beyond Point Repair 12"-15", Over 15' Depth   | L.F.         | 110           | \$110.00   | \$12,100.00      |
| 23       | 02553       | Sewer Point Repair 16" - 24", Up to 10' Depth                  | EACH         | 11            | \$4,300.00 | \$47,300.00      |
| 24       | 02553       | Pipe Replacement Beyond Point Repair 16"-24", Up to 10' Depth  | L.F.         | 110           | \$110.00   | \$12,100.00      |
| 25       | 02553       | Sewer Point Repair 16"-24", 10' to 15' Depth                   | EACH         | 11            | \$4,500.00 | \$49,500.00      |
| 26       | 02553       | Pipe Replacement Beyond Point Repair 16"-24", 10' to 15' Depth | L.F.         | 110           | \$125.00   | \$13,750.00      |
| 27       | 02553       | Sewer Point Repair 16" - 24", Over 15' Depth                   | EACH         | 11            | \$5,800.00 | \$63,800.00      |
| 28       | 02553       | Pipe Replacement Beyond Point Repair 16"-24", Over 15' Depth   | L.F.         | 110           | \$140.00   | \$15,400.00      |
| 29       | 02553       | Sewer Point Repair 27"-30", Up to 15' Depth                    | EACH         | 6             | \$6,000.00 | \$36,000.00      |
| 30       | 02553       | Pipe Replacement Beyond Point Repair 27"-30", Up to 15' Depth  | L.F.         | 65            | \$150.00   | \$9,750.00       |
| 31       | 02553       | Sewer Point Repair 27"-30", Over 15' Depth                     | EACH         | 6             | \$8,500.00 | \$51,000.00      |
| 32       | 02553       | Pipe Replacement Beyond Point Repair 27"-30", Over 15' Depth   | L.F.         | 65            | \$175.00   | \$11,375.00      |
| 33       | 02553       | Sewer Point Repair 33" -36", Up to 15' Depth                   | EACH         | 6             | \$6,250.00 | \$37,500.00      |

| Item No. | Section No.         | Item Description   | Unit Measure | Unit Quantity | Unit Price  | Total in Figures |
|----------|---------------------|--|--------------|---------------|-------------|------------------|
| 34       | 02553               | Pipe Replacement Beyond Point Repair 33"-36", Up to 15' Depth  | L.F.         | 65            | \$185.00    | \$12,025.00      |
| 35       | 02553               | Sewer Point Repair 33"-36", Over 15' Depth   | EACH         | 6             | \$10,000.00 | \$60,000.00      |
| 36       | 02553               | Pipe Replacement Beyond Point Repair 33"-36", Over 15' Depth   | L.F.         | 65            | \$200.00    | \$13,000.00      |
| 37       | 02553               | Sewer Point Repair 42", Up to 15' Depth  | EACH         | 5             | \$7,000.00  | \$35,000.00      |
| 38       | 02553               | Pipe Replacement Beyond Point Repair 42", Up to 15' Depth  | L.F.         | 50            | \$200.00    | \$10,000.00      |
| 39       | 02553               | Sewer Point Repair 42", Over 15' Depth   | EACH         | 5             | \$10,500.00 | \$52,500.00      |
| 40       | 02553               | Pipe Replacement Beyond Point Repair 42", Over 15' Depth   | L.F.         | 50            | \$250.00    | \$12,500.00      |
| 41       | 02553               | Sewer Point Repair 48", Up to 15' Depth  | EACH         | 5             | \$11,000.00 | \$55,000.00      |
| 42       | 02553               | Pipe Replacement Beyond Point Repair 48", Up to 15' Depth  | L.F.         | 50            | \$250.00    | \$12,500.00      |
| 43       | 02553               | Sewer Point Repair 48", Over 15' Depth   | EACH         | 5             | \$12,000.00 | \$60,000.00      |
| 44       | 02553               | Pipe Replacement Beyond Point Repair 48", Over 15' Depth   | L.F.         | 50            | \$300.00    | \$15,000.00      |
| 45       | 02821               | Removal and Replacement of Wooden Or Chain Link Fence, All Heights. With All New Materials, Approved Lengths   | L.F.         | 1280          | \$14.00     | \$17,920.00      |
| 46       | 02221, 02775        | Removal and Replacement of 4-1/2" Concrete Sidewalk Incl. Reinforcement  | S.Y.         | 140           | \$80.00     | \$11,200.00      |
| 47       | 02221, 02754        | Removal and Replacement of 6" Concrete Driveway Incl. Reinforcement  | S.Y.         | 280           | \$95.00     | \$26,600.00      |
| 48       | 02221, 02751, 02951 | Removal and Replacement of 8" Concrete Pavement Incl. Reinforcement  | S.Y.         | 1900          | \$120.00    | \$228,000.00     |
| 49       | 02221, 02741, 02951 | Removal and Replacement of Up to 2" Hot-Mix Asphaltic Concrete (Type D), Including Tack Coat                   | S.Y.         | 4000          | \$50.00     | \$200,000.00     |
| 50       | 02221, 02711        | Removal and Replacement of Semi-Rigid Base (or Approved Alternative)   | S.Y.         | 1600          | \$22.00     | \$35,200.00      |
| 51       | 02752               | Saw Joint (Not with Jack Hammer) Of Concrete/Asphalt Pavement, All Depths, As Needed                           | L.F.         | 2500          | \$2.50      | \$6,250.00       |
| 52       | 01555               | Flagmen For Traffic Control (Uniformed Peace Officer)  | HOUR         | 160           | \$45.00     | \$7,200.00       |
| 53       | 01555               | Certified Flagmen For Traffic Control (Not a Peace Officer)  | HOUR         | 320           | \$25.00     | \$8,000.00       |
| 54       | 01555               | Install Traffic Loop Detector (Concrete and Asphalt Surface)   | L.F.         | 80            | \$10.00     | \$800.00         |
| 55       | 02555               | Adjust/Reset Manhole with New Frame and Cover Up to One Foot   | EACH         | 25            | \$500.00    | \$12,500.00      |
| 56       | 02555               | Adjust/Reset Manhole with Existing Frame and Cover Up to One Foot  | EACH         | 25            | \$300.00    | \$7,500.00       |
| 57       | 02555               | Adjust/Reset Manhole, Excess Over One Foot   | V.F.         | 32            | \$75.00     | \$2,400.00       |
| 58       | 02555               | Rehabilitation of Manhole by 1" Thick Concrete Liner Approved Mix Design (Including Bench Work)                | V.F.         | 160           | \$120.00    | \$19,200.00      |
| 59       | 02555               | Manhole Inserts  | EACH         | 16            | \$150.00    | \$2,400.00       |
| 60       | 02555               | Rehabilitation of Manhole Benches and Inverts per Manhole Detail-2 (only when constructed without wall lining) | EACH         | 12            | \$375.00    | \$4,500.00       |
| 61       | 02534               | Sanitary Sewer Cleanout per Standard 12-Inch Cleanout Detail on Service Lateral                                | EACH         | 8             | \$700.00    | \$5,600.00       |
| 62       | 02534               | Sanitary Sewer Cleanout per Standard 6-Inch Cleanout Detail on Service Lateral (Residential)                   | EACH         | 5             | \$500.00    | \$2,500.00       |

| Item No. | Section No.  | Item Description  | Unit Measure | Unit Quantity | Unit Price | Total in Figures |
|----------|--------------|---|--------------|---------------|------------|------------------|
| 63       | 02534        | Sanitary Sewer Cleanout per Standard 4-Inch Cleanout Detail on Service Lateral (For Single Family Residence Only) | EACH         | 5             | \$375.00   | \$1,875.00       |
| 64       | 02082        | Remove and Replace or Install New Std. Manhole, 5' to 8' Depth, With All Joints & Connections (Pre-Cast Concrete) | EACH         | 3             | \$3,500.00 | \$10,500.00      |
| 65       | 02082, 02083 | Extra Depth for New or Replacement Std. Manhole, Over 8 Feet Depth (Pre-Cast Concrete or Fiberglass)              | V.F.         | 8             | \$150.00   | \$1,200.00       |
| 66       | 02082, 02083 | Install Shallow Manhole, Less than 5' Depth, With All Joints & Connections (Pre-Cast Concrete or Fiberglass)      | EACH         | 3             | \$3,000.00 | \$9,000.00       |
| 67       | 02082        | Additional Manhole Base in Wet (Unstable) Sand With Piles as Per Detail   | EACH         | 3             | \$2,500.00 | \$7,500.00       |
| 68       | 02083        | Remove and Replace or Install New Std. Fiberglass Manhole, 5' to 8' Depth   | EACH         | 2             | \$3,300.00 | \$6,600.00       |
| 69       | 01506        | 6" X 6" Diversion Pumping Setup   | SET-UP       | 3             | \$1,250.00 | \$3,750.00       |
| 70       | 01506        | 6" X 6" Pump Operation  | HOURLY       | 240           | \$40.00    | \$9,600.00       |
| 71       | 01506        | 6" X 6" Pump and Piping (for every day in operation)  | DAY          | 5             | \$150.00   | \$750.00         |
| 72       | 01506        | 8" X 8" Diversion Pumping Setup   | SET-UP       | 2             | \$1,300.00 | \$2,600.00       |
| 73       | 01506        | 8" X 8" Pump Operation  | HOURLY       | 95            | \$42.00    | \$3,990.00       |
| 74       | 01506        | 8" X 8" Pump and Piping (for every day in operation)  | DAY          | 8             | \$200.00   | \$1,600.00       |
| 75       | 01578        | Well Pointing/Dewatering System, All Sizes, All Depths, with 10' Min. Length Set Up                               | EACH         | 5             | \$7,000.00 | \$35,000.00      |
| 76       | 02318        | Special Excavation By Hand When Approved By The Engineer  | C.Y.         | 120           | \$50.00    | \$6,000.00       |
| 77       | 02221, 02960 | Milling of Pavement, Up to 5" Depth   | S.Y.         | 190           | \$15.00    | \$2,850.00       |
| 78       | 02741        | Asphalt Overlay 2" HMAC, With Tack Coat   | S.Y.         | 1900          | \$30.00    | \$57,000.00      |
| 79       | 02553        | Abandonment of Point Repairs, All Sizes, All Depths   | EACH         | 16            | \$1,000.00 | \$16,000.00      |
| 80       | 01110        | Weekend Premium (Approved by City)  | CREW DAY     | 24            | \$500.00   | \$12,000.00      |
| 81       | 02260        | Trench Safety System All Types of Soil, Over 5' Depth and Up to 15' Depth   | L.F.         | 4800          | \$5.00     | \$24,000.00      |
| 82       | 02260        | Trench Safety System All Types of Soil, Over 15' Depth  | L.F.         | 160           | \$300.00   | \$48,000.00      |
| 83       | 02222        | Abandonment of Sanitary Sewers  | L.F.         | 160           | \$8.00     | \$1,280.00       |
| 84       | 02321        | Cement Stabilized Sand Backfill (1.64 Tons / C.Y.)  | TON          | 4800          | \$35.00    | \$168,000.00     |
| 85       | 02221, 02771 | Removal and Replacement of Concrete Curb and Gutter   | L.F.         | 480           | \$20.00    | \$9,600.00       |
| 86       | 02775        | Reinforced Colored Concrete Curb Ramps with Truncated Domes   | S.F.         | 80            | \$40.00    | \$3,200.00       |
| 87       | 02553        | Obstruction Removal by Excavation, All Sizes, Up to 10' Depth   | EACH         | 32            | \$350.00   | \$11,200.00      |
| 88       | 02553        | Obstruction Removal by Excavation, All Sizes, Over 10' Depth  | EACH         | 80            | \$450.00   | \$36,000.00      |
| 89       | 02571        | Cut or Remove Existing Liners From the Host Pipe, All Sizes, All Depths   | L.F.         | 1,600         | \$12.00    | \$19,200.00      |
| 90       | 02571        | Pipe Bursting 6" Sewer to 7.125" OD, SDR 19, Up to 15' Depth  | L.F.         | 640           | \$27.00    | \$17,280.00      |
| 91       | 02571        | Pipe Bursting 6"-8" Sewer to 8.625" OD, SDR 19, Up to 15' Depth   | L.F.         | 4,800         | \$34.00    | \$163,200.00     |
| 92       | 02571        | Pipe Bursting 8"-10" Sewer to 10.75" OD, SDR 19, Up to 15' Depth  | L.F.         | 640           | \$40.00    | \$25,600.00      |
| 93       | 02571        | Pipe Bursting 8" Sewer to 12.75" OD, SDR 19, Up to 15' Depth  | L.F.         | 640           | \$48.00    | \$30,720.00      |

| Item No. | Section No. | Item Description  | Unit Measure | Unit Quantity | Unit Price | Total in Figures |
|----------|-------------|---|--------------|---------------|------------|------------------|
| 94       | 02571       | Pipe Bursting 10"-12" Sewer to 12.75" OD, SDR 19, Up to 15' Depth   | L.F.         | 640           | \$48.00    | \$30,720.00      |
| 95       | 02571       | Pipe Bursting 12"-15" Sewer to 16.0" OD, SDR 19, Up to 15' Depth  | L.F.         | 640           | \$62.00    | \$39,680.00      |
| 96       | 02571       | Mobilization for short segment (<100')  | EACH         | 8             | \$500.00   | \$4,000.00       |
| 97       | 02534       | Reconnect Service Connection by Excavation Including Stack to Liner, Complete, All Sizes, Up to 10' Depth | EACH         | 27            | \$500.00   | \$13,500.00      |
| 98       | 02534       | Reconnect Service Connection by Excavation Including Stack to Liner, Complete, All Sizes, Over 10' Depth  | EACH         | 27            | \$600.00   | \$16,200.00      |
| 99       | 02534       | Sliplining of Existing Service Line   | L.F.         | 240           | \$18.00    | \$4,320.00       |
| 100      | 02915       | Remove and Replace Tree   | EACH         | 5             | \$500.00   | \$2,500.00       |

| Item No.                          | Section No. | Item Description | Unit Measure | Unit Quantity | Unit Price | Total in Figures      |
|-----------------------------------|-------------|------------------|--------------|---------------|------------|-----------------------|
| <b>Base Unit Price Total (a):</b> |             |                  |              |               |            | <b>\$2,848,647.50</b> |

**C. EXTRA UNIT PRICE TABLE:**

| Item No.                           | Section No. | Item Description   | Unit Measure | Unit Quantity | Unit Price | Total in Figures   |
|------------------------------------|-------------|--|--------------|---------------|------------|--------------------|
| 101                                | 01555       | Traffic Control Plan   | EACH         | 3             | \$5,500.00 | \$16,500.00        |
| 102                                | 01578       | Extra Length Well Pointing / Dewatering System (All Depths in addition to Setup)                                     | L.F.         | 240           | \$35.00    | \$8,400.00         |
| 103                                | 03315       | Extra Concrete, 4,000 psi With or Without Reinforcement  | C.Y.         | 135           | \$190.00   | \$25,650.00        |
| 104                                | 02318       | Extra Excavation By Machine  | C.Y.         | 240           | \$25.00    | \$6,000.00         |
| 105                                | 02318       | Extra Excavation By Machine Removing Cement Stabilized Sand/Concrete Encased Services                                | C.Y.         | 48            | \$135.00   | \$6,480.00         |
| 106                                | 02741       | Extra Asphalt Beyond 2" Thickness  | C.Y.         | 80            | \$125.00   | \$10,000.00        |
| 107                                | 02222       | Extra Grout for Abandonment of Sanitary Sewers Greater Than 8", Not to Exceed 60% of Line Segment Theoretical Volume | C.Y.         | 11            | \$150.00   | \$1,650.00         |
| <b>Extra Unit Price Total (b):</b> |             |  |              |               |            | <b>\$74,680.00</b> |

Bidder's Adjustment Factor (f) = \_\_\_\_\_ (up to 4 decimal places)  
 (Uniform Factor For All Items in Base Unit Price Table and Extra Unit Price Table)

**D. CASH ALLOWANCE TABLE:**

| Item No.                         | Section No. | Item Description           | Unit Measure | Unit Quantity | Unit Price  | Cash Allowance in Figures |
|----------------------------------|-------------|----------------------------|--------------|---------------|-------------|---------------------------|
| 108                              | 01110       | Approved Street Cut Permit | LS           | 1             | \$20,000.00 | \$20,000.00               |
| <b>Total Cash Allowance (g):</b> |             |                            |              |               |             | <b>\$20,000.00</b>        |

**E. ALTERNATES TABLE: [N/A]**

**F. TOTAL BID PRICE:**  $\frac{\$2,923,327.50}{(a + b)} \times (f) + \frac{\$ 20,000.00}{(g)} =$

**Example:** TOTAL BID PRICE = (a + b) x (f) + (g); where (f) for 1% below Base Bid Total is 0.9900 and 1% above Base Bid Total is 1.0100

**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 provided in § 37.10 of the Texas Penal Code.

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