

Document 00910

ADDENDUM NO. 1

Date of Addendum: 9/21/16

PROJECT NAME: Waterline Wrap Repairs

PROJECT NO: WBS No. S-000MAO-0045-4, File No. WA 11253

BID DATE: September 29, 2016 (There is no change to the Bid Date.)

FROM: Sandeep Aggarwal, P.E., Managing Engineer
City of Houston, Public Works & Engineering Department
7000 Ardmore
Houston, Texas 77054

Attn: Syed Moinuddin, P.E., Supervising Engineer

TO: Prospective Bidders

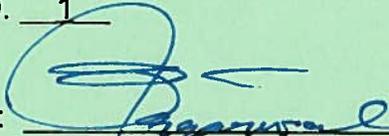
This Addendum forms a part of the Bidding Documents and will be incorporated into the Contract documents, as applicable. Insofar as the original Project Manual and Drawings are inconsistent, this Addendum governs.

CHANGES TO PROJECT MANUAL

BIDDING REQUIREMENTS

1. Document 00410 Bid Form Part A & B with Pay Items Spreadsheet. Replace with the Attached Document 00410 Bid Form Part A & B with Pay Items Spreadsheet.

END OF ADDENDUM NO. 1

DATED: 
Sandeep Aggarwal, P.E.
Managing Engineer
Drinking Water Operations,
Public Utilities Division

END OF DOCUMENT

Document 00911

NOTICE OF
ADDENDUM NO. 1

Date of Addendum: 9/21/16

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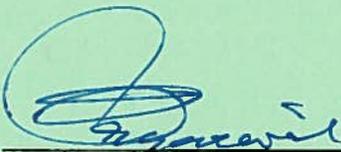
TO: Prospective Bidders

Written questions regarding this Addendum may be submitted to the Project Manager following the procedures specified in Document 00200 – Instructions to Bidders. Immediately notify the City Engineer through the named Project Manager upon finding discrepancies or omissions in the Bid Documents.

This Addendum includes:

ADDENDUM SYNOPSIS

Changes to Project Manual

DATED: 

Sandeep Aggarwal, P.E.
Managing Engineer
Drinking Water Operations
Public Utilities Division

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: Waterline Wrap Repairs

Project No.: Project File No. WA 11253

Bidder: _____

(Print or type full name of business entity, such as corporation, LLC, etc.)

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 Bid Price subject to terms described in Document 00200 – Instructions to Bidders.
- C. Period for Bid Acceptance:** This offer is open to acceptance and is irrevocable for 90 days from 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 – Instructions to Bidders*)
 - Document 00450 - Bidder's Statement of MWSBE Status
 - Document 00454 - Affidavit of Non-interest
 - Document 00455 - Ownership Information Form
 - Document 00456 - Bidder's Certificate of Compliance with Buy American Program (*required for AIP funded project*)
 - Document 00457 – Conflicts of Interest Questionnaire (CIQ)
 - Document 00458 - Bidder's Certificate Regarding Foreign Trade Restriction (*required for AIP funded project*)
 - Document 00459 - Contractor's Statement Regarding Previous Contracts Subject to EEO (*required for AIP funded project*)
 - Document 00460 – Pay or Play Acknowledgement Form (POP 1-A)
 - Document 00470 – Bidder's MWSBE Participation Plan (*required unless no MWSBE participation goal is provided in Document 00800 (the "Goal")*).

- Document 00471 – Bidder's Record of Good Faith Efforts (*required if the goal in Bidder's Participation Plan–Document 00470 is lower than the Goal*).
- Document 00472 – Bidder's Goal Deviation Request (*required if the goal in Bidder's Participation Plan–Document 00470 is lower than the Goal*).
- Others as listed: Valid official letter from OBO with your designation as a City or Local Business (*Bidder's Participation Hire Houston First*).

Prior experience performing the type of work required under this project is essential for the City to fulfill its mission to provide clean, safe drinking water to the citizens of Houston. Therefore, the Low Bidder shall possess a minimum of three (3) years' experience performing the type of work covered under this project. When requested, the Low Bidder shall present satisfactory evidence that the Bidder has three (3) years' experience in waterline repairs, and has the capital, labor, equipment, and material to perform the work. Failure to present satisfactory evidence of the required experience shall result in a nonresponsive bid.

2.0 CONTRACT TIME

- A.** If offer is accepted, Contractor shall achieve Date of Substantial Completion within 365 days after Date of Commencement of the Work, subject to adjustments of Contract Time as provided in the Contract.

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: \$/[N/A, if Unit Price Job]

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

B. BASE UNIT PRICE TABLE: See Attached Table of Unit Prices

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
	00800	Contractor Bonus for Early Completion [if applicable according to 9.13.1 of Document 00800]	Day	_____	_____ ⁽¹⁾	[N/A]
TOTAL BASE UNIT PRICES See Attached Table						\$ _____

C. EXTRA UNIT PRICE TABLE:

Item No.	Spec Ref.	Extra Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
		[N/A, if no Extra Unit Prices used]				
<u>TOTAL EXTRA UNIT PRICES</u>						\$ _N/A_

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D. CASH ALLOWANCE TABLE:

Item No.	Spec Ref.	Cash Allowance Short Title	Cash Allowance in figures (1)
		Cash Allowances See Attached Table	\$ _____
		Cash Allowances See Attached Table	\$ _____
<u>TOTAL CASH ALLOWANCES</u>			\$ _____

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E. ALTERNATES TABLE:

Item No.	Spec Ref.	Alternate Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total Price for Alternate in figures
		[N/A, if no Alternate used]				
<u>TOTAL ALTERNATES</u>						\$ <u>N/A</u>

REST OF PAGE INTENTIONALLY LEFT BLANK

F. **TOTAL BID PRICE:** \$ _____
(Add Totals for Stipulated Price, Base Unit Price, Extra Unit Price, Cash Allowance, and All Alternates, if any)

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 Tables B through E:

- (1) Fixed Unit 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, but not decreased, by crossing out the Minimum and inserting revised price on the line above. **Cannot** be decreased by the Bidder.
- (3) Maximum Bid Price determined prior to Bid. Can be decreased by the Bidder, but not increased, by crossing out the Maximum and inserting revised price on the line above. A Bid that increases the Maximum Bid Price may be found non-conforming and non-responsive. **Cannot** be increased by the Bidder.
- (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.

Document 410B

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

B. BASE UNIT PRICE TABLE:

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
1	02520	New 6" Fire Hydrant with Restraints, 3 foot Depth	Each	4	\$3,500.00	\$14,000.00
2	02520	New 6" Fire Hydrant with Restraints 4 foot Depth	Each	8	\$4,000.00	\$32,000.00
3	02520	New 6" Fire Hydrant with Restraints, 5 foot Depth	Each	8	\$4,300.00	\$34,400.00
4	02520	New 6" Fire Hydrant with Restraints, 6 foot Depth	Each	8	\$4,500.00	\$36,000.00
5	02520	New 6" Fire Hydrant with Restraints, 7 foot Depth	Each	6	\$4,800.00	\$28,800.00
6	02520	New 6" Fire Hydrant with Restraints, 8 foot Depth	Each	6	\$5,000.00	\$30,000.00
7	02520	New 6" Fire Hydrant with Restraints, All Depths over 8'	Each	4	\$5,300.00	\$21,200.00
8	02520	Fire Hydrant Extension, 6" Length	Each	3	\$800.00	\$2,400.00
9	02520	Fire Hydrant Extension, 12" Length	Each	2	\$900.00	\$1,800.00
10	02520	Fire Hydrant Extension, 18" Length	Each	2	\$950.00	\$1,900.00
11	02520	Fire Hydrant Extension, 24" Length	Each	2	\$1,000.00	\$2,000.00
12	02511	Line Clamp 5/8" to 1-1/2" Water Line, All Depths and Including Eight (8) Cubic Yard Excavation	Each	75	\$900.00	\$67,500.00
13	02511	2" - 4" Clamp Repair for 3/4" to 1.0" Tap, All Depths and Including Eight (8) Cubic Yard Excavation	Each	75	\$1,110.00	\$83,250.00
14	02511	2" - 4" Full Circle or Bell Joint Water Line Clamp, All depths and Including Eight (8) Cubic Yard Excavation	Each	75	\$1,120.00	\$84,000.00
15	02511	6" - 8" Clamp Repair for 3/4" to 1.0" Tap, All Depths and Including Eight (8) Cubic Yard Excavation	Each	65	\$1,150.00	\$74,750.00
16	02511	6" - 8" Full Circle or Bell Joint Water Line Clamp, All Depths and Including Eight (8) Cubic Yard Excavation	Each	65	\$1,250.00	\$81,250.00
17	02511	10" - 12" Clamp Repair for 3/4" to 1.0" Tap, All Depths and Including Eight (8) Cubic Yard Excavation	Each	50	\$1,300.00	\$65,000.00
18	02511	10" - 12" Full Circle or Bell Joint Water Clamp, All Depths and Including Eight (8) Cubic Yard Excavation	Each	50	\$1,350.00	\$67,500.00
19	02511	16" Full Circle or Bell Joint Water Clamp, all Depths and Including Eight Cubic (8) Yard Excavation	Each	50	\$2,500.00	\$125,000.00
20	02511	16" Clamp Repair for 3/4" to 1.0" Tap, All Depths and Including Eight (8) Cubic Yard Excavation	Each	50	\$2,550.00	\$127,500.00
21	02512	Complete Installation of Water Taps and New Copper Service 3/4" to 1", with New Meter Box Up to 15' Length, Cost includes Saddle, Corporation, Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	3	\$1,389.00	\$4,167.00
22	02512	Complete Installation of Water Taps and New Copper Service 3/4" to 1", with New Meter Box 15+' to 30' Length, Cost includes Saddle, Corporation, Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	3	\$1,586.00	\$4,758.00

00410B-1

07-20-2016

Addendum No. 1

Bidders Initials []

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
23	02512	Complete Installation of Water Taps and New Copper Service 3/4" to 1", with New Meter Box 30 0+' to 60' Length, Cost includes Saddle, Corporation, Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	3	\$1,647.00	\$4,941.00
24	02512	Complete Installation of Water Taps and New Copper Service 3/4" to 1", with New Meter Box Greater than 60' Length, Cost includes Saddle, Corporation, Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	3	\$1,891.00	\$5,673.00
25	02512	Complete Installation of Water Taps and New Copper Service 3/4" to 1", over 60 01 LF	LF	60	\$10.00	\$600.00
26	02512	Complete Installation of Water Taps and New Copper Service, 1-1/2" to 2", with New Meter Box Up to 15' Length, Cost includes Saddle, Corporation and Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	2	\$1,830.00	\$3,660.00
27	02512	Complete Installation of Water Taps and New Copper Service, 1-1/2" to 2", with New Meter Box 15.0+' to 30' Length, Cost includes Saddle, Corporation and Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	2	\$1,952.00	\$3,904.00
28	02512	Complete Installation of Water Taps and New Copper Service 1-1/2" to 2", with New Meter Box 30.0+' to 60' Length, Cost includes Saddle, Corporation and Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	2	\$2,135.00	\$4,270.00
29	02512	Complete Installation of Water Taps and New Copper Service 1-1/2" to 2", with New Meter Box Greater than 60', Cost includes Saddle, Corporation and Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	2	\$2,257.00	\$4,514.00
30	02512	Complete Installation of Water Taps and New Copper Service, 1-1/2" to 2", with New Meter Box over 60' Length, Cost includes Saddle, Corporation and Curb Stop and Including Eight (8) Cubic Yard Excavation	Each	2	\$2,357.00	\$4,714.00
31	02512	Complete Installation of Water Taps and New Copper Service, 1-1/2" to 2", with New Meter Box over 60 01 LF	LF	60	\$21.00	\$1,260.00
32	02512	Corporation, 3/4" Plug	Each	5	\$65.00	\$325.00
33	02512	Corporation, 1" Plug	Each	5	\$80.00	\$400.00
34	02512	Corporation 1-1/2" to 2" Plug	Each	5	\$90.00	\$450.00
35	02512	Curb Stop Valve or Wheel Valve in Meter Box 5/8" to 1"	Each	5	\$65.00	\$325.00
36	02512	Curb Stop 1-1/2" to 2" W/Lock Wing	Each	5	\$95.00	\$475.00
37	02512	Excavate and Turn On OR Off Existing Service Line Corporation, All Depths and All sizes	Each	5	\$400.00	\$2,000.00
38	02526	Master Plumber and Journey Man or Apprentices for Back Lot to Front Lot Meter Connections	Each	5	\$400.00	\$2,000.00
39	02516	Meter Coupling, Transition Brass 1-1/2" to 2"	Each	5	\$20.00	\$100.00
40	02526/02512	Meter Coupling, Transition Brass 3/4" to 1"	Each	5	\$20.00	\$100.00
41	02526/02512	Meter Gasket Replacement Over 1"	Each	5	\$65.00	\$325.00
42	02526/02512	Meter Gasket Replacement Up to 1"	Each	5	\$55.00	\$275.00
43	02526/02512	Install 3/4" to 1" PVC or Copper Pipe from Meter Box to Customer Side Including Excavation, All Valves and Fittings as per City Code Enforcement and Regulations	Each	5	\$600.00	\$3,000.00
44	02526/02512	Install 1-1/2" to 2" PVC or Copper Pipe from Meter Box to Customer Side Including Excavation, All Valves and Fittings as per City Code Enforcement and Regulations	LF	60	\$30.00	\$1,800.00

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
45	02512	Reducer, Brass Coupling, 1 1/2" X 2"	Each	5	\$25.00	\$125.00
46	02512	Reducer, Brass Coupling, 1" X 3/4"	Each	5	\$15.00	\$75.00
47	02512	Supply / Install New Concrete / Load bearing Meter Box Single/Double	Each	5	\$250.00	\$1,250.00
48	02512	Supply / Install New Plastic Meter Box Single/Double	Each	5	\$150.00	\$750.00
49	02512	3/4" to 1-1/2" Dia Water Line or Service Line, Extra Length for All Depths	LF	60	\$40.00	\$2,400.00
50	02511	Install Temporary blow-off piping on Existing Main With Approval from Project Manager	Each	5	\$300.00	\$1,500.00
51	02511	Cut and Plug 16" Water Main, up to 6' Depth, for Fire Hydrant Relocation	Each	2	\$1,400.00	\$2,800.00
52	02511	Blow off installed upon Managers Approval	Each	5	\$500.00	\$2,500.00
53	02511	Repair of Copper Service 1-1/2" to 2" up to 6' In Length Including Eight (8) Cubic Yard Excavation	Each	1	\$800.00	\$800.00
54	02511	Copper Service 1-1/2" to 2" over 6' In Length	LF	60	\$20.00	\$1,200.00
55	02511	Repair of Copper Service 3/4" to 1" Up to 6' In Length Including Eight (8) Cubic Yard Excavation	Each	1	\$725.00	\$725.00
56	02511	Copper Service 3/4" to 1" over 6' In Length	LF	55	\$10.00	\$550.00
57	02526	Remove Existing Meter from Back Lot and Reinstall at Front Lot with New Meter Box and Abandoned Existing Service Line at Old Main Upon Inspector's approval, All Sizes and All Depths Including Eight (8) Cubic Yard Excavation	Each	1	\$305.00	\$305.00
58	02511	Point Repair by Replacing 6' of 2" - 4" Dia Water Line, All Depths, all fittings and Including Eight (8) Cubic Yard Excavation	Each	1	\$1,500.00	\$1,500.00
59	02511	2" - 4" Dia Water Line Extra Length for All Depths	LF	60	\$12.00	\$720.00
60	02511	Point Repair by Replacing 6' of 6" - 8" Dia Water Line, All Depths All Fittings and Including Eight (8) Cubic Yard Excavation	Each	1	\$1,600.00	\$1,600.00
61	02521	6" - 8" Dia Water Line Extra Length for All Depths	LF	60	\$50.00	\$3,000.00
62	02521	Point Repair by Replacing 6' of 10" - 12" Dia Water Line, All Depths All Fittings and Including Eight Cubic Yard Excavation	Each	1	\$2,800.00	\$2,800.00
63	02521	10" - 12" Dia Water Line Extra Length for All Depths	LF	60	\$65.00	\$3,900.00
64	02521	Point Repair by Replacing 6' of 16" Dia Plastic Water Line All Depths All Fittings and Including Eight (8) Cubic Yard Excavation	Each	1	\$5,000.00	\$5,000.00
65	02521	16" Dia Water Line Extra Length for All Depths	LF	60	\$135.00	\$8,100.00
66	02521	16" X 3/4" saddle	Each	3	\$120.00	\$360.00
67	02521	12" X 3/4" saddle	Each	3	\$120.00	\$360.00
68	02512	8" X 3/4" saddle	Each	3	\$80.00	\$240.00
69	02512	6" X 3/4" saddle	Each	3	\$70.00	\$210.00
70	02512	4" X 3/4" saddle	Each	3	\$60.00	\$180.00
71	02512	2" X 3/4" saddle	Each	3	\$50.00	\$150.00
72	02512	16" X 1" saddle	Each	3	\$100.00	\$300.00
73	02512	12" X 1" saddle	Each	3	\$90.00	\$270.00
74	02512	8" X 1" saddle	Each	3	\$80.00	\$240.00
75	02512	6" X 1" saddle	Each	3	\$70.00	\$210.00
76	02512	4" X 1" saddle	Each	3	\$60.00	\$180.00

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
77	02512	2" X 1" saddle	Each	3	\$50.00	\$150.00
78	02521	16" X 1 1/2" saddle	Each	3	\$120.00	\$360.00
79	02521	12" X 1 1/2" saddle	Each	3	\$120.00	\$360.00
80	02512	8" X 1 1/2" saddle	Each	3	\$60.00	\$180.00
81	02512	6" X 1 1/2" saddle	Each	3	\$60.00	\$180.00
82	02512	4" X 1 1/2" saddle	Each	3	\$50.00	\$150.00
83	02512	2" X 1 1/2" saddle	Each	3	\$50.00	\$150.00
84	02512	16" X 2" saddle	Each	3	\$120.00	\$360.00
85	02512	12" X 2" saddle	Each	3	\$120.00	\$360.00
86	02512	8" X 2" saddle	Each	3	\$60.00	\$180.00
87	02512	6" X 2" saddle	Each	3	\$60.00	\$180.00
88	02512	4" X 2" saddle	Each	3	\$60.00	\$180.00
89	02521	Expose Valve, Install Valve Box, Sod Area, Concrete Separate Pay Item	Each	10	\$300.00	\$3,000.00
90	02521	Furnish, Remove, Install, Replace and Dispose 2" Diameter Gate Valve with All Fittings Including Flanges, Sleeves/Transition Coupling, Restrained Joints and Up to 6 ft Pipe, Valve Box, Eight (8) Cubic Yard Excavation and Approved Backfill Material, 12" Back Fill Incidental to Repair, and All Depths	Each	3	\$2,500.00	\$7,500.00
91	02521	Furnish, Remove, Replace, Install, and Dispose 4" Diameter Gate Valve with All Fittings Including Flanges, Sleeves/Transition Coupling, Restrained Joints and Up to 6 ft Pipe, Valve Box, Eight (8) Cubic Yard Excavation and Approved Backfill Material, 12" Backfill Incidental to Repair, All Depths	Each	3	\$3,000.00	\$9,000.00
92	02521	Furnish, Remove, Replace, Install, and Dispose 6" Diameter Gate Valve with All Fittings Including Flanges, Sleeves/Transition Coupling, Restrained Joints and Up to 6 ft Pipe, Valve Box, Eight (8) Cubic Yard Excavation and Approved Backfill Material, 12" Backfill Incidental to Repair, All Depths	Each	3	\$3,500.00	\$10,500.00
93	02521	Furnish, Remove, Replace, Install, and Dispose 8" Diameter Gate Valve with All Fittings Including Flanges, Sleeves/Transition Coupling, Restrained Joints and Up to 6 ft Pipe, Valve Box, Eight (8) Cubic Yard Excavation and Approved Backfill Material, 12" Backfill Incidental to Repair, All Depths	Each	3	\$4,000.00	\$12,000.00
94	02521	Furnish, Remove, Replace, Install, and Dispose 10" Diameter Gate Valve with All Fittings Including Flanges, Sleeves/Transition Coupling, Restrained Joints and Up to 6 ft Pipe, Valve Box, Eight (8) Cubic Yard Excavation and Approved Backfill Material, 12" Backfill Incidental to Repair, All Depths	Each	3	\$5,000.00	\$15,000.00
95	02521	Furnish, Remove, Replace, Install, and Dispose 12" Diameter Gate Valve with All Fittings Including Flanges, Sleeves/Transition Coupling, Restrained Joints and Up to 6 ft Pipe, Valve Box, Eight (8) Cubic Yard Excavation and Approved Backfill Material, 12" Backfill Incidental to Repair, All Depths	Each	2	\$7,500.00	\$15,000.00
96	02521	Furnish, Remove, Replace, Install, and Dispose 16" Diameter Gate Valve with All Fittings Including Flanges, Sleeves/Transition Coupling, Restrained Joints and Up to 6 ft Pipe, Valve Box, Eight (8) Cubic Yard Excavation and Approved Backfill Material, 12" Backfill Incidental to Repair, All Depths	Each	2	\$19,840.00	\$39,680.00
97	02522	Furnish, Remove, Replace, Install, and Dispose 16" Diameter Butterfly Valve with All fittings Including Flanges, Sleeves, Restrained Joints, Actuator, Up to 6 ft pipe, Valve Box and Eight (8) Cubic Yard Excavation, All Depths, Approved Backfill Material and 12" of Approved Backfill is Incidental to Installation	Each	2	\$15,000.00	\$30,000.00

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
98	02521	Furnish and Install 2" Insertable Gate Valve with Line Pressure Less than 100 PSI & Valve Box Including Eight (8) Cubic Yard Excavation	Each	1	\$5,000.00	\$5,000.00
99	02521	Furnish and Install 2" Line Stopper Under Pressure Including Eight (8) Cubic Yard Excavation	Each	1	\$5,000.00	\$5,000.00
100	02521	Furnish and Install 4" Insertable Gate Valve with Line Pressure Less than 100 PSI & Valve Box Including Eight (8) Cubic Yard Excavation	Each	1	\$9,500.00	\$9,500.00
101	02521	Furnish and Install 4" Line Stopper Under Pressure Including Eight (8) Cubic Yard Excavation	Each	1	\$7,500.00	\$7,500.00
102	02521	Furnish and Install 6" Insertable Gate Valve with Line Pressure Less than 100 PSI & Valve Box Including Eight (8) Cubic Yard Excavation	Each	2	\$10,000.00	\$20,000.00
103	02521	Furnish and Install 6" Line Stopper Under Pressure Including Eight (8) Cubic Yard Excavation	Each	1	\$8,500.00	\$8,500.00
104	02521	Furnish and install 8" Insertable Gate Valve with Line Pressure Less than 100 PSI & Valve Box Including Eight (8) Cubic Yard Excavation	Each	2	\$11,000.00	\$22,000.00
105	02521	Furnish and install 8" Line Stopper Under Pressure Including Eight (8) Cubic Yard Excavation	Each	1	\$9,500.00	\$9,500.00
106	02521	Furnish and install 12" Insertable Gate Valve with Line Pressure Less than 100 PSI & Valve Box	Each	2	\$17,000.00	\$34,000.00
107	02521	Furnish and install 12" Line Stopper Under Pressure Including Eight (8) Cubic Yard Excavation	Each	1	\$12,000.00	\$12,000.00
108	02521	Furnish and install 16" Insertable Gate Valve with Line Pressure Less than 100 PSI & Valve Box	Each	1	\$36,000.00	\$36,000.00
109	02521	Furnish and install 16" Line Stopper Under Pressure Including Eight (8) Cubic Yard Excavation	Each	1	\$16,000.00	\$16,000.00
110	02525/02085	2" x 4" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$1,500.00	\$1,500.00
111	02525/02085	2" x 6" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$1,500.00	\$1,500.00
112	02525/02085	2" x 8" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$1,500.00	\$1,500.00
113	02525/02085	2" x 12" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$1,500.00	\$1,500.00
114	02525/02085	2" x 16" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$1,500.00	\$1,500.00
115	02525/02085	4" x 6" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$3,000.00	\$3,000.00
116	02525/02085	4" x 8" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$3,100.00	\$3,100.00
117	02525/02085	4" x 12" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$3,300.00	\$3,300.00
118	02525/02085	4" x 16" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$3,100.00	\$3,100.00
119	02525/02085	8" x 12" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$3,800.00	\$3,800.00
120	02525/02085	12" x 16" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$5,500.00	\$5,500.00

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
121	02525/02089	8" x 6" Tapping Sleeve with Gate Valve, Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$3,500.00	\$3,500.00
122	02525/02085	12" x 6" Tapping Sleeve with Gate Valve , Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$3,500.00	\$3,500.00
123	02525/02085	16" x 6" Tapping Sleeve with Gate Valve , Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$3,000.00	\$3,000.00
124	02525/02085	16" x 8" Tapping Sleeve with Gate Valve , Valve Box and up to 6FT. In Line Including Eight (8) Cubic Yard Excavation	Each	1	\$4,000.00	\$4,000.00
125	02516	Cut and Plug 5/8" to 1" Water Line, All Depths including Eight (8) Cubic Yard Excavation	Each	2	\$700.00	\$1,400.00
126	02516	Cut and Plug 2" to 4" Dia Water Line all Depth including Eight (8) Cubic Yard Excavation	Each	2	\$850.00	\$1,700.00
127	02516	Cut and Plug 6" to 8" Water Line, all Depth including Eight (8) Cubic Yard Excavation	Each	2	\$1,050.00	\$2,100.00
128	02516	Cut and Plug 10" to 12" Dia Water Line all depths including Eight (8) Cubic Yard Excavation	Each	2	\$1,250.00	\$2,500.00
129	02516	Cut and Plug 16" Water Line, all Depth including Eight (8) Cubic Yard Excavation	Each	2	\$1,700.00	\$3,400.00
130	02221	Crew Mobilization for Private Leak or Work Done by Others - No Repair Needed. Report to The Project Manager Before Leaving Site	Each	20	\$150.00	\$3,000.00
131	02741	Standby Time: Contractor's wait time at Site Due to Delay in City of Houston Routing Procedures. Report to the Project Manager before Leaving Site.	Hour	40	\$150.00	\$6,000.00
132	02741	2" HMAC Overlay with Tack Coat	SY	125	\$80.00	\$10,000.00
133	02741	Extra Asphalt HMAC Beyond 2" Thickness (Type D)	CY	25	\$100.00	\$2,500.00
134	02320	Bank Sand Backfill/Crushed Concrete/Limestone	CY	35	\$60.00	\$2,100.00
135	02321	Cement Stabilize Sand Backfill (1.64 Tons/CY)	TON	3	\$60.00	\$180.00
136	01110	Brick and Concrete Block Work for Sidewalks, Mail Boxes and Meter Vaults	Hour	5	\$150.00	\$750.00
137	01270	Certified Welder for Welding (including Equipment, Material and Labor) Waterline in Open Trench	Hour	2	\$135.00	\$270.00
138	02775	Concrete Wheelchair Ramps with Headers, Dowels, Expansion Joints and Staining, Must Meet ADA Standards	SY	4	\$250.00	\$1,000.00
139	01270	Confined Space Entry for Inspection by Certified Contractor Representatives With approval of Project Manager	Hour	1	\$150.00	\$150.00
140	03315	Extra 10" Reinforced Concrete Pavement, High Early Strength	SY	125	\$15.00	\$1,875.00
141	03315	Extra 8" Reinforced Concrete Pavement, High Early Strength	SY	125	\$10.00	\$1,250.00
142	02318	Extra Excavation by Hand	CY	125	\$85.00	\$10,625.00
143	02318	Extra Excavation by Machine	CY	125	\$30.00	\$3,750.00
144	02318	Extra Placement of Backfill Material	CY	20	\$15.00	\$300.00
145	02318	Flashing Arrow Board	Day	1	\$100.00	\$100.00
146	02320	Flashing Arrow Board	Week	1	\$500.00	\$500.00
147	02221	Milling of Pavement (Asphalt or Concrete) Up to 5" Depth	SY	125	\$15.00	\$1,875.00

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
148	01110	Ornate/Colored Specialty Concrete/Brick Replacement including Reinforcement and labor	SY	25	\$200.00	\$5,000.00
149	02775	Removal and Replacement of 4-1/2" Concrete Sidewalk with Reinforcement including, Expansion Joints and Adjustments	S.Y.	125	\$120.00	\$15,000.00
150	01740	Removal and Replacement of Chain Link Fence. All Heights with All New Materials.	L.F.	15	\$35.00	\$525.00
151	01740	Removal and Replacement of Chain Link Gates, All Heights with New Materials	L.F.	20	\$35.00	\$700.00
152	02741	Removal and Replacement of Up to 2" HMAc (Type D) Including Tack Coat (where overlay not required)	SY	125	\$100.00	\$12,500.00
153	01740	Removal and Replacement of Wooden Fence. All Heights. With All New Materials.	L.F.	20	\$40.00	\$800.00
154	01740	Removal and Replacement of Wooden Gates, All Heights with New Materials.	L.F.	20	\$65.00	\$1,300.00
155	02771	Removal and Replacement of Concrete Curb, Curb and Gutter	LF	125	\$20.00	\$2,500.00
156	02754	Remove, Dispose and Replace 8" to 10" Concrete Driveway and/or Street Pavements with Reinforcement, High Early Strength	SY	125	\$115.00	\$14,375.00
157	02754	Remove, Dispose and Replace above 10" Concrete Driveway and/or Street Pavements with Reinforcement	CY	125	\$450.00	\$56,250.00
158	02754	Remove, Dispose and Replace Above 8" to 10" Concrete Driveway and/or Street Pavements with Reinforcement	SY	125	\$110.00	\$13,750.00
159	02821	Remove, Dispose and Replace Chain Gates All Heights with All New Materials	EA	3	\$300.00	\$900.00
160	02754	Remove, Dispose and Replace Concrete Driveways and Street Pavements Up to 8" with Reinforcement	SY	125	\$100.00	\$12,500.00
161	02754	Remove, Dispose and Replace Concrete Driveways and Street Pavements Up to 8" with Reinforcement, High Early Strength	SY	125	\$105.00	\$13,125.00
162	02752	Saw Cut, (Not with Jack Hammer) Concrete with or without Reinforcement and/or Asphalt Pavement, All Depths	LF	250	\$10.00	\$2,500.00
163	02922	Sodding (Special Projects) to be approved by Senior Project Manager/Manager	SY	50	\$21.00	\$1,050.00
164	02318	Special Extra Excavation by Hand as approved by Project Manager	CY	50	\$60.00	\$3,000.00
165	02922	Extra sodding as approved by project Manager	CY	50	\$25.00	\$1,250.00
166	01555	Traffic Control - typical one lane closure, complete in place	DAY	2	\$300.00	\$600.00
167	01555	Traffic Control - typical one lane closure, complete in place	Week	2	\$1,100.00	\$2,200.00
168	01555	Traffic Control - Typical Two Lane Closure, complete in place	DAY	2	\$400.00	\$800.00
169	01555	Traffic Control - Typical Two Lane Closure, complete in place	Week	1	\$1,500.00	\$1,500.00
170	01555	Traffic Control Plan for Major Roadways -Signed and Sealed by a Texas Professional Engineer P.E. as Approved by Project Manager	Each	2	\$3,000.00	\$6,000.00
171	02260	Trench Safety System, All Types of Soil, All Depths Over 10 Feet	L.F.	125	\$17.00	\$2,125.00
172	02260	Trench Safety System, All Types of Soil, All Depths Over 4 Feet and Less than 10 Feet	L.F.	125	\$17.00	\$2,125.00
173	02260	Trench Safety System, All Types of Soil, Over 4 Feet depth for All Diameter Water Lines including 16" Diameter	L.F.	25	\$10.00	\$250.00

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
174	01555	Uniformed Peace Officer for Traffic Control During Day Time Repairs	Hours	1	\$45.00	\$45.00
175	01555	Uniformed Peace Officer or Security Officer for Night Time Repairs with Approval from Project Manager	Hour	1	\$55.00	\$55.00
176	01270	Welding exterior steel water line all sizes all depths	L.F.	30	\$150.00	\$4,500.00
177	02447/02511	Wet Bore, 12" Water Main, All Needs, All Types of Soil, All Depths	L.F.	30	\$45.00	\$1,350.00
178	02447/02511	Wet Bore, 16" Water Main, All Needs, All Types of Soil, All Depths	L.F.	30	\$55.00	\$1,650.00
179	02525/02085	Wet Bore, 2" Water Main, All Needs, All Types of Soil, and All Depths	L.F.	30	\$25.00	\$750.00
180	02525/02085	Wet Bore, 4" Water Main, All Needs, All Types of Soil, and All Depths	L.F.	30	\$30.00	\$900.00
181	02447/02511	Wet Bore, 6" Water Main, All Needs, All Types of Soil, and All Depths	L.F.	30	\$35.00	\$1,050.00
182	02447/02511	Wet Bore, 8" Water Main, All Needs, All Types of Soils, All Depths	L.F.	30	\$40.00	\$1,200.00
183	02081/ 02087	Special Lift equipment/ lift Trucks / Hydr Excavators	Day	1	\$200.00	\$200.00
184	02555	Manhole Rehabilitation/ must pass 10 HG vaccum test for 3 minutes no loss	Each	1	\$800.00	\$800.00
185	02612	PRE CAST REINFORCED CONCRETE BOXES SEWER	Each	1	\$3,500.00	\$3,500.00
186	02086	Adjust Existing Manhole frame AND COVER TO GRADE	Each	1	\$350.00	\$350.00
187	02081/ 02082 /02087	Type C manhole for 42-inch diameter and smaller sewers	Each	1	\$3,000.00	\$3,000.00
188	02081/ 02087	Type E manhole for 48-inch diameter and greater existing monolithic reinforced concrete sewers	Vertical Yard (VY)	1	\$150.00	\$150.00
189	02081/ 02082 /02087	Type C manhole for 48-inch to 72-inch diameter sewers	EA	1	\$3,500.00	\$3,500.00
190	02081/ 02082 /02087	Extra depth, manholes for 42- inch to 72-inch diameter sewers	VY	1	\$175.00	\$175.00
191	02082	4-foot diameter precast concrete manholes	EA	1	\$3,000.00	\$3,000.00
192	02082	Extra depth, 4-foot diameter precast concrete manhole	VY	1	\$150.00	\$150.00
193	02086	Adjustment of existing manhole and frame and cover to new grade	EA	1	\$350.00	\$350.00
194	02511	6-inch diameter water line in steel casing by trenchless construction with skids and end seals all joints restrained.	LF	35	\$220.00	\$7,700.00
195	02511	8-inch diameter water line in steel casing by trenchless construction with skids and end seals all joints restrained.	LF	35	\$225.00	\$7,875.00
196	02511	10-inch diameter water line in steel casing by trenchless construction with skids and end seals all joints restrained.	LF	35	\$250.00	\$8,750.00
197	02511	12-inch diameter water line in steel casing by trenchless construction with skids and end seals all joints restrained.	LF	35	\$275.00	\$9,625.00
198	02511	16-inch diameter water line in steel casing by trenchless construction with skids and end seals all joints restrained.	LF	35	\$300.00	\$10,500.00
TOTAL BASE UNIT PRICE: (a)						\$1,752,431.00

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
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C. EXTRA UNIT PRICE TABLE: Not Applicable

D. CASH ALLOWANCE TABLE: (d)

199	01110	Fee for Street Cut, Jacking or Boring, Lane Closure Permits, and Plumbing Permits for Meter Relocation, Receipt Required for each Permit	Lump Sum	1	\$99,000.00	\$99,000.00
200	01110	Allowance for Tree and Shrub Removal, Relocation and Replacement of New Trees, Original Receipt Required for Each Item	Lump Sum	1	\$1,000.00	\$1,000.00
Total Cash Allowance						\$100,000.00
E. ALTERNATES TABLE: Not Applicable						
F. TOTAL BID PRICE: (a) + (b) =						\$1,852,431.00

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

Bidder's Base Bid Adjustment Factor (f) = _____ Use Up to two (2) Decimal places in Bid Adjustment Factor (f). Only the first two decimal places will be used for Bid Tab.

Uniform Bid Adjustment Factor For All Items except Cash Allowances. The Bid Adjustment Factor (f) will control over the Total Bid Price.

Example :

TOTAL BID PRICE = ((a) x (f) + (b) x (1)) where (f) for 1% below is 0.99 and 1% above is 1.01. Bid Factor for Cash Allowance is 1.0.

TOTAL BID PRICE:
$$\frac{\$1,752,431.00}{(a)} \times f + \frac{\$100,000}{(b)} \times 1 = \$$$

2.0 SIGNATURES: By signing this Document, I agree that I have received and reviewed all addenda and considered all costs 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)

Address: _____
(Mailing)

(Street, if different)

Telephone and Fax Number: _____
(Print or Type Numbers)

* If a 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 principles 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:

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Est. Quantity	Unit Price (This Col. Controls)	Total in Figures
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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 Tables B through E:

(1) Fixed Unit 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, but not decreased by the Bidder, by crossing out the Minimum and inserting revised price on the line above.

(3) Maximum Bid Price determined prior to Bid. Can be decreased but not increased by Bidder, but not decreased, by crossing out the Maximum and inserting revised price on the line above. A bid that increases the Maximum Bid Price may be found non-conforming and non-responsive. Cannot be increased by the Bidders.

(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.

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