

ADDENDUM NO. 2
TO THE
CONTRACT DOCUMENTS
For
Bid No. 2025-002
South 34th Street & I-35 - 24-inch Waterline Project

Date: October 18, 2024

From: Benham Design, LLC
14000 Quail Springs Parkway, Suite 500
Oklahoma City, OK 73134
(405) 478-5353

To: Prospective Bidders

Subject: Addendum No. 2
Bid No. 2025-002
South 34th Street & I-35 - 24-inch Waterline Project

This Addendum modifies and takes precedence over the original plans and specifications. This Addendum shall form a part of the Contract Documents. This addendum modifies the boring steel casing size and provides a minimum thickness for the steel casing.

The Addendum No. 2 provides for changes in the Bid Package and issues a new Bid Schedule form and new Plan Sheet No. 2.

Addendum No. 2 consists of the following:

1. Contract Documents and Technical Specifications – Bid Schedule
Replace the Bid Schedule with the attachment.
2. Plans Sheet No. 2 replaced with the attachment.

Please revise your bid to reflect these changes.

Attachments

ITEM NO.	SPEC NO.	ITEM DESCRIPTION	ITEM NOTE	UNIT	QTY.
1	SPEC. PROV.	AUDIO-VIDEO RECORDING PRE & POST CONSTRUCTION	7	L.S.	1
2	SPEC. PROV.	SEDIMENT AND EROSION CONTROL	1	L.S.	1
3	212	TRENCH EXCAVATION AND BACKFILL - (0' TO 10')	2, 3, 10	L.F.	507
4	252	BORING - CASING (31" TO 33" INSIDE DIAMETER)	4, 18	L.F.	397
5	505	FITTINGS (6") MEGA-LUG SERIES 2006PV	5	E.A.	2
6	505	FITTINGS (12") MEGA-LUG SERIES 2012PV	5	E.A.	18
7	505	FITTINGS (16") MEGA-LUG SERIES 2016PV	5	E.A.	8
8	505	FITTINGS (24") MEGA-LUG SERIES 2024PV	5	E.A.	6
9	505	FITTINGS (24") BELL RESTRAINT HARNESS SERIES 2824	5	E.A.	10
10	505	FITTINGS (24") POLY-CAM, INC. SERIES 732 SDR9	16	E.A.	2
11	505	(24") DIPS HDPE WATER LINE PIPE (DR9)	6, 17	L.F.	397
12	505	(24") C905 PVC WATER LINE PIPE (DR18)		L.F.	428
13	505	(16") C905 PVC WATER LINE PIPE (DR18)		L.F.	22
14	505	(12") C900 PVC WATER LINE PIPE (DR14)		L.F.	57
15	505	FITTINGS (12"x24"x12") DIP TEE	11	E.A.	1
16	505	FITTINGS (24"x6"x24") DIP TEE	11	E.A.	1
17	505	FITTINGS (16"x12"x16") DIP TEE	11	E.A.	1
18	505	FITTINGS (16"x6"x16") DIP TEE	11	E.A.	1
19	505	FITTINGS (12"x12"x12") DIP TEE	11	E.A.	1
20	505	FITTINGS (24"x16") DIP REDUCER	11	E.A.	1
21	505	FITTINGS (12") DIP 45-DEGREE BEND	11	E.A.	2
22	505	FITTINGS (12") DIP 22.5-DEGREE BEND	11	E.A.	1
23	505	FITTINGS (12") DIP 11.25-DEGREE BEND	11	E.A.	1
24	505	FITTINGS (16") DIP END CAP	11	E.A.	1
25	516	FIRE HYDRANT	12	E.A.	2
26	520	(6") DIP GATE VALVE & BOX	11	E.A.	2
27	520	(12") DIP GATE VALVE & BOX	11	E.A.	2
28	520	(16") DIP GATE VALVE & BOX	11	E.A.	1
29	520	(2") AIR VACUUM/RELEASE COMBINATION VALVES & BOX		E.A.	1
30	522	HYDROSTATIC PRESSURE TESTING AND DISINFECTION	13	L.S.	1
31	801	CONSTRUCTION STAKING (CONSTRUCTION SURVEY)	15	L.S.	1
32	802	CONSTRUCTION SIGNING AND TRAFFIC CONTROL	8	L.S.	1
33	840	SOLID SLAB SODDING	9, 14	S.Y.	1127

PAY ITEM NOTES

- THE COST OF ALL LABOR AND MATERIALS (UNLESS PAY ITEMS PROVIDED) REQUIRED FOR THE INSTALLATION OF EROSION CONTROL MEASURES SHALL BE INCLUDED IN THE BID PRICE FOR THIS ITEM. THE CONTRACTOR SHALL IMPLEMENT EROSION CONTROL MEASURES AS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE JOB SITE AND/OR ENTERING THE STORM SEWER SYSTEM. SEE THE SPECIAL PROVISION IN CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL ENSURE ALL UTILITY POLES AFFECTED BY OPEN EXCAVATION OR TRENCHING ARE BRACED BY OWNERS. THIS COST SHALL BE INCLUDED IN THIS PAY ITEM.
- CONTRACTOR TO EXCAVATE ALL UTILITY CROSSINGS AHEAD OF PIPE INSTALLATION SO THAT GRADES CAN BE ADJUSTED ON THE PROPOSED WATER LINES TO AVOID UTILITY CONFLICTS. FAILURE TO DO SO SHALL NOT ENTITLE THE CONTRACTOR TO CLAIM EXTRA COMPENSATION FOR ADJUSTMENTS TO THE PROPOSED WATER LINE. COST FOR EXCAVATING UTILITY CROSSINGS SHALL BE INCLUDED IN THIS PAY ITEM.
- ALL COSTS FOR STEEL CASING, VENT PIPES, PAINT, AND SIGNAGE SHALL BE INCLUDED IN THIS PAY ITEM.
- FITTINGS SHALL BE BY EBAA IRON, INC. RESTRAINED JOINTS SERIES AS NOTED AND SPECIFIED IN THE PLANS. RODS, NUTS, AND APPLICABLE HARDWARE FOR RESTRAINED JOINTS SHALL BE AISI GRADE 316 STAINLESS STEEL.
- COST FOR FUSION EQUIPMENT, MOBILIZATION, USE, UTILITIES, LABOR, AND INCIDENTALS REQUIRED TO FUSE HDPE TOGETHER SHALL BE INCLUDED IN THIS PAY ITEM.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING AND SUBMITTING PRE-CONSTRUCTION VIDEOS OF THE PROJECT EXTENTS. THE RECORDINGS SHALL BE COLOR AUDIO-VIDEO RECORDED ON TWO SEPARATE VIDEO RECORDINGS. ONE VIDEO FOR POST-CONSTRUCTION AND ONE VIDEO FOR PRE-CONSTRUCTION. RECORDINGS SHALL INCLUDE ALL PROJECT LIMITS, STORAGE AREAS, AND OTHER AREAS THE CONTRACTOR OR ENGINEER DETERMINE PERTINENT. SEE THE SPECIAL PROVISION IN CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
- THE COST OF ALL LABOR (INCLUDING FLAG MEN) AND MATERIALS REQUIRED TO ADEQUATELY CONTROL TRAFFIC DURING CONSTRUCTION SHALL BE INCLUDED IN THE BID PRICE FOR THIS ITEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, STRIPING, AND SIGNING FOR THE PROJECT. TRAFFIC CONTROL WILL BE INSTALLED IN A MANNER APPROVED BY THE CITY, IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND APPLICABLE STANDARD DRAWINGS. PRICE BID SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE, AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL REQUIRED FOR COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL WITHIN THE LIMITS OF CONSTRUCTION, APPROXIMATELY 6 INCHES DEEP, STOCKPILE THE MATERIAL AND REPLACE THE TOPSOIL ON THE FINISHED GRADING SECTION. COST TO BE INCLUDED IN SOLID SLAB SODDING.
- THE COST OF ALL DEWATERING OPERATIONS DURING OPEN TRENCHING SHALL BE INCLUDED IN THIS PAY ITEM.
- ALL DIP VALVES AND FITTINGS SHALL HAVE MECHANICAL JOINTS AND BE POLY WRAPPED. THE COST OF POLY WRAPPING DUCTILE IRON VALVES AND FITTINGS SHALL BE INCLUDED IN THE COST OF THIS PAY ITEM. SEE GENERAL NOTE 38.
- COST FOR THIS ITEM SHALL INCLUDE THE ENTIRE FIRE HYDRANT ASSEMBLY (EXCLUDING THE VALVE) FROM THE TEE, INCLUDING ELBOW, EXTENSION PIPE, RISER PIPE, BEDDING, CONCRETE BLOCKING, AND ANY OTHER LABOR AND MATERIALS NECESSARY TO MEET DETAIL NO. 301-2 IN THE CITY OF MOORE'S STANDARD DETAILS AND SECTION 516 IN THE CITY OF MOORE SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE TO DECHLORINATE DISINFECTION WATER PRIOR TO DISCHARGE AND/OR WILL DISPOSE OF DISINFECTION WATER IN A MANNER SAFE TO THE SURROUNDING ENVIRONMENT. CONTRACTOR TO INDEMNIFY CITY AND ENGINEER FOR ANY DAMAGES CAUSED FROM DISPOSAL OF WATER AND PAY FOR ANY TESTING AND DAMAGES OCCURRING FROM DISPOSAL OF WATER. THE WATER SHALL NOT BE DISCHARGED ONTO THE PAVEMENT SUBGRADE. ANY TEMPORARY PLUGS REQUIRED FOR PRESSURE TESTING AND DISINFECTION ARE INCIDENTAL.
- ALL GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED WITH SOLID SLAB SOD, FERTILIZED, AND WATERED IN ACORDANCE WITH THE CITY OF MOORE STANDARD SPECIFICATIONS. SOD QUANTITIES FOR A MAXIMUM 20 FOOT WIDE STRIP OVER ALL TRENCHES OUTSIDE OF PAVED AREAS ARE INCLUDED IN THE PLANS. ALL OTHER ARES DISTURBED AS A RESULT OF THE CONTRACTOR'S ACTIONS SHALL BE RESTORED IN A MANNER ACCPETABLE TO THE ENGINEER TO A CONDITION AS GOOD OR BETTER THAN THAT PRIOR TO THE DISTURBANCE AT NO EXPENSE TO THE CITY. THE CONTRACTOR WILL BE PAID PLAN QUANTITY FOR SODDING. ANY SOD NEEDED OVER PLAN QUANTITY SHALL BE PLACED AT THE CONTRACTOR'S EXPENSE. ALL SOLID SLAB SOD SHALL BE PLACED IN LIKE KIND AND PRICE TO INCLUDE FERTILIZING.
- PRICE BID TO INCLUDE COST ASSOCIATED WITH ESTABLISHING AND MAINTAINING PROJECT EASEMENT OR RIGHT-OF-WAY LIMITS, VERTICAL CONTROL, AND HORIZONTAL CONTROL INCLUDING REFERENCE POINTS AND GPS AS-BUILT INFORMATION. SEE GENERAL NOTE 51 FOR ADDITIONAL INFORMATION.
- FITTINGS SHALL BE BY POLY-CAM. INC. SERIES 732 SDR9 TRANSITION FOR DUCTILE IRON SIZE PVC TO HDPE.
- HDPE PIPE SHALL MEET POTABLE WATER REQUIREMENTS OF AWWA C901, AWWA C906, NSF-14, NSF-61, AND ASTM D3035.
- CASING PIPE WALL THICKNESS SHALL BE A MINIMUM OF 0.375 INCHES.

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Design	JB	CITY OF MOORE 24IN WATER LINE CLEVELAND COUNTY
Drawn	JB	
Checked	MS	
Approved	GH	
Squad	BENHAM	

**SUMMARY OF QUANTITIES
& PAY ITEM NOTES**

Sheet No. 2

BID SCHEDULE
South 34th Street & I-35 – 24-inch Waterline Project
BID NO. 2025-002
BASE BID

ITEM #	EST. QTY.	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
1	1	L.S.	Audio-Video Recording Pre and Post Construction	\$	\$
Unit Price In Words				Dollars	
2	1	L.S.	Sediment and Erosion Control	\$	\$
Unit Price In Words				Dollars	
3	507	L.F.	Trench Excavation and Backfill-(0' to 10')	\$	\$
Unit Price In Words				Dollars	
4	397	L.F.	Boring - Casing (31" to 33" Inside Diameter)	\$	\$
Unit Price In Words				Dollars	
5	2	E.A.	Fittings (6") MEGA-LUG Series 2006PV	\$	\$
Unit Price In Words				Dollars	
6	18	E.A.	Fittings (12") MEGA-LUG Series 2012PV	\$	\$
Unit Price In Words				Dollars	
7	8	E.A.	Fittings (16") MEGA-LUG Series 2016PV	\$	\$
Unit Price In Words				Dollars	
8	6	E.A.	Fittings (24") MEGA-LUG Series 2024PV	\$	\$
Unit Price In Words				Dollars	
9	10	E.A.	Fittings (24") Bell Restraint Harness Series 2824	\$	\$
Unit Price In Words				Dollars	
10	2	E.A.	Fittings (24") Poly-Cam, Inc. Series 732 SDR9	\$	\$
Unit Price In Words				Dollars	
11	397	L.F.	(24") DIPS HDPE Water Line Pipe (DR9)	\$	\$
Unit Price In Words				Dollars	
12	428	L.F.	(24") C905 PVC Water Line Pipe (DR18)	\$	\$
Unit Price In Words				Dollars	

ITEM #	EST. QTY.	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
13	22	L.F.	(16") C905 PVC Water Line Pipe (DR18)	\$	\$
Unit Price In Words			Dollars		
14	57	L.F.	(12") C900 PVC Water Line Pipe (DR14)	\$	\$
Unit Price In Words			Dollars		
15	1	E.A.	Fittings (12"X24"X12") DIP TEE	\$	\$
Unit Price In Words			Dollars		
16	1	E.A.	Fittings (24"X6"X24") DIP TEE	\$	\$
Unit Price In Words			Dollars		
17	1	E.A.	Fittings (16"X12"X16") DIP TEE	\$	\$
Unit Price In Words			Dollars		
18	1	E.A.	Fittings (16"X6"X16") DIP TEE	\$	\$
Unit Price In Words			Dollars		
19	1	E.A.	Fittings (12"X12"X12") DIP TEE	\$	\$
Unit Price In Words			Dollars		
20	1	E.A.	Fittings (24"X16") DIP Reducer	\$	\$
Unit Price In Words			Dollars		
21	2	E.A.	Fittings (12") DIP 45-Degree Bend	\$	\$
Unit Price In Words			Dollars		
22	1	E.A.	Fittings (12") DIP 22.5-Degree Bend	\$	\$
Unit Price In Words			Dollars		
23	1	E.A.	Fittings (12") DIP 11.25-Degree Bend	\$	\$
Unit Price In Words			Dollars		
24	1	E.A.	Fittings (16") DIP End Cap	\$	\$
Unit Price In Words			Dollars		
25	2	E.A.	Fire Hydrant	\$	\$
Unit Price In Words			Dollars		
26	2	E.A.	(6") DIP Gate Valve and Box	\$	\$
Unit Price In Words			Dollars		
27	2	E.A.	(12") DIP Gate Valve and Box	\$	\$
Unit Price In Words			Dollars		

ITEM #	EST. QTY.	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
28	1	E.A.	(16") DIP Gate Valve and Box	\$	\$
Unit Price In Words			Dollars		
29	1	E.A.	(2") Air Release/Vacuum Combination Valve and Box	\$	\$
Unit Price In Words			Dollars		
30	1	L.S.	Hydrostatic Pressure Testing and Disinfection	\$	\$
Unit Price In Words			Dollars		
31	1	L.S.	Construction Staking (Construction Survey)	\$	\$
Unit Price In Words			Dollars		
32	1	L.S.	Construction Signing and Traffic Control	\$	\$
Unit Price In Words			Dollars		
33	1127	S.Y.	Solid Slab Sodding	\$	\$
Unit Price In Words			Dollars		
TOTAL AMOUNT BID				\$	
Total Amount Bid In Words			Dollars		