

**CLARKSBURG WATER BOARD
HARRISON COUNTY, WEST VIRGINIA**

**CONTRACT #1 – CHESTNUT STREET TRANSMISSION WATER LINE
REPLACEMENT (MATERIALS BIDS)**

ADDENDUM #1

NOVEMBER 16, 2022

THRASHER PROJECT #010-10203

TO WHOM IT MAY CONCERN:

The following are clarifications and responses to questions posed by bidders for the above-reference project.

A. GENERAL

THE BID FORM HAS BEEN REVISED. YOU MUST USE THE REVISED BID FORM DATED NOVEMBER 16, 2022, WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT. A BID ITEM FOR 2" PVC WATER LINE HAS BEEN ADDED. BID ITEM #70 HAS BEEN CHANGED FROM 18" TO 20".

B. SPECIFICATIONS

Specification Section 331213, Water Service Connections. Added paragraph 2.6, Casing, for 2-inch PVC casing requirement for copper service lines. Please discard the specification section previously provided and use the one attached.

C. DRAWINGS

No changes.

D. QUESTIONS AND RESPONSES

1. QUESTION

In envelope #2 will be the bid proposal. Do you want the bid in one lump sum or do you want two different bids, one for the AIS/BABA material and a separate bid for Non AIS/BABA material?

RESPONSE

You must use the Bid Form. The Bid Form includes Bid Items for each of the materials. You must provide Unit Bid Prices for each Bid Item followed by a Total Price for each Bid Item followed a Total Bid as the summation of each of the Total Prices for each Bid Item. Lump sum bids will be considered Non-Responsive.

Bid Forms with AIS and BABA requirements and without AIS and BABA requirements are included. All spaces must be completely filled out.

FOR THE BID FORM WITH AIS/BABA REQUIREMENTS, IF NO AIS/BABA COMPLIANT MATERIALS ARE AVAILABLE FOR A PARTICULAR BID ITEM, PROVIDE A NOTE OF THAT IN THE DESCRIPTION AND PROVIDE A BID FOR THE NON-COMPLIANT MATERIAL.

2. QUESTION

Do we have to provide a 5% certified check for the total of both bids (AIS/BABA and Non AIS/BABA) combined, or a certified check for each bid?

RESPONSE

Provide only one (1) Bid Bond or certified check for 5% of the higher of the two (2) Total Bid prices (With AIS/BABA and without AIS/BABA).

3. QUESTION

On Bid Item #70, an 18" meter box cover is listed, but shouldn't it be 20" since the meter yoke setting with a PRV requires a 20" meter well?

RESPONSE

Yes, a 20" meter box cover is required and has been revised on the Bid Form.

4. QUESTION

On pages 31-32, the material list switches from products “With AIS and BABA Requirements” to “Without AIS and BABA Requirements”. Do we submit 2 separate bids or is the “Without” section for items like the Hymax’s, that are only made in Israel? If you are not splitting the bid between AIS/BABA and non-AIS/BABA, are we to leave items that cannot be found compliant (for instance Hymax) out of the bid?

RESPONSE

Please see the response to Question #1.

5. QUESTION

Does Clarksburg have a specific valve spec they are looking for, such as Muellers or AFC?

RESPONSE

Any valves meeting the specifications will be acceptable.

E. CLARIFICATIONS

No changes.

As a reminder, bids will be received until 2:00 p.m., local prevailing time, on Tuesday, November 29, 2022, at Clarksburg Water Board at 1001 South Chestnut Street, Clarksburg, WV 26301.

Thank you for your interest in the project.

Sincerely,

THE TRASHBURN GROUP, INC.

STEVEN W. PUGHANAN, P.E.
Project Manager



11/16/22

Enclosure: P400 Bid Form Procurement
Specification Section 331213 – Water Service Connections

BID FORM FOR PROCUREMENT CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—BUYER AND BIDDER

1.01 This Bid is submitted to:

*Clarksburg Water Board
1001 S. Chestnut Street
Clarksburg, WV 26301
Contract #1 – Chestnut Street Transmission Water Line Replacement (Materials Bid)*

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Procurement Contract with Buyer in the form included in the Procurement Bidding Documents, and to furnish the Goods and Special Services as specified or indicated in the Procurement Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Procurement Bidding Documents.

ARTICLE 2—BASIS OF BID

2.01 ~~Lump Sum Bids~~

A. ~~Bidder will furnish the Goods and Special Services in accordance with the Procurement Contract Documents for the following Procurement Contract Price(s):~~

1. ~~Lump Sum Bid Price (single or multiple Lump Sum)~~

Lump Sum Bid Price	\$
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2. ~~Lump Sum Bid Price (Base Bid and Alternates)~~

Lump Sum Bid Price for Base Bid	\$
Alternate A [Add] [Deduct]	\$
Alternate B [Add] [Deduct]	\$

2.02 *Unit Price Bids*

A. Bidder will furnish the Goods and Special Services in accordance with the Procurement Contract Documents for the following Unit Price(s):

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
1	2,100	LF	24" Zinc-Coated (Pressure Class 350) Ductile Iron Pipe w/ Push-On Joints			
2	40	EA	Enhanced Polyethylene Encasement for 24" DIP, 54" Wide x 160 Feet Long Roll			
3	40	LF	16" Zinc-Coated (Pressure Class 350) Ductile Iron Pipe w/ Push-On Joints			
4	1	EA	Enhanced Polyethylene Encasement for 16" DIP, 34" Wide x 160 Feet Long Roll			
5	40	LF	14" Zinc-Coated (Pressure Class 350) Ductile Iron Pipe w/ Push-On Joints			
6	1	EA	Enhanced Polyethylene Encasement for 14" DIP, 34" Wide x 160 Feet Long Roll			
7	1	EA	Enhanced Polyethylene Encasement Tape, 2" Wide x 100 Feet Long Roll			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
8	160	LF	8" (Pressure Class 350) Ductile Iron Pipe w/ Push-On Joints			
9	3	EA	Ductile Iron Fitting - 24" x 16" MJ Reducer			
10	1	EA	Ductile Iron Fitting - 24" x 14" MJ Reducer			
11	1	EA	Ductile Iron Fitting - 24" x 12" MJ Reducer			
12	3	EA	Ductile Iron Fitting - 24" x 24" MJ Tee			
13	1	EA	Ductile Iron Fitting - 24" x 24" MJ Cross			
14	3	EA	Ductile Iron Fitting - 24" x 12" MJ Tee			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
15	3	EA	Ductile Iron Fitting - 12" x 8" MJ Reducer			
16	1	EA	Ductile Iron Fitting - 16" x 16" MJ Tee			
17	1	EA	Ductile Iron Fitting - 14" x 14" MJ Tee			
18	3	EA	Ductile Iron Fitting - 8" x 8" MJ Tee			
19	6	EA	Ductile Iron Fitting - 24" MJ 90° Fitting			
20	13	EA	Ductile Iron Fitting - 24" MJ 45° Fitting			
21	13	EA	Ductile Iron Fitting - 24" MJ 22.5° Fitting			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
22	9	EA	Ductile Iron Fitting - 24" MJ 11.25° Fitting			
23	1	EA	Ductile Iron Fitting - 14" MJ 90° Fitting			
24	3	EA	Ductile Iron Fitting - 8" MJ 90° Fitting			
25	2	EA	Ductile Iron Fitting - 8" MJ 45° Fitting			
26	4	EA	Ductile Iron Fitting - 8" MJ 22.5° Fitting			
27	2	EA	Ductile Iron Fitting - 8" MJ 11.25° Fitting			
28	1	EA	24" MJ Cap (Solid)			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
29	1	EA	16" MJ Cap (Solid)			
30	1	EA	14" MJ Cap (Solid)			
31	2	EA	8" MJ Cap (Solid)			
32	90	EA	Mechanical Joint Restraints - 24"			
33	15	EA	Mechanical Joint Restraints - 16"			
34	10	EA	Mechanical Joint Restraints - 14"			
35	5	EA	Mechanical Joint Restraints - 12"			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
36	45	EA	Mechanical Joint Restraints - 8"			
37	2	EA	24" CL150 Butterfly Valve			
38	2	EA	Cast Iron Screw Valve Box for 24" Butterfly Valve			
39	2	EA	Valve Box Plug for 24" Butterfly Valve			
40	2	EA	Valve Box Adaptor for 24" Butterfly Valve			
41	2	EA	Blue Water Valve 8 1/2 Fiberglass Marking Post w/ "Caution Water Valve Before Digging Call 811"			
42	1	EA	16" CL150 Butterfly Valve			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
43	1	EA	Cast Iron Screw Valve Box for 16" Butterfly Valve			
44	1	EA	Valve Box Plug for 16" Butterfly Valve			
45	1	EA	Valve Box Adaptor for 16" Butterfly Valve			
46	2	EA	Blue Water Valve 811 Fiberglass Marking Post w/ "Caution Water Valve Before Digging Call 811"			
47	1	EA	14" CL150 Butterfly Valve			
48	1	EA	Cast Iron Screw Valve Box for 14" Butterfly Valve			
49	1	EA	Valve Box Plug for 14" Butterfly Valve			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
50	1	EA	Valve Box Adaptor for 14" Butterfly Valve			
51	2	EA	Blue Water Valve 811 Fiberglass Marking Post w/ "Caution Water Valve Before Digging Call 811"			
52	3	EA	8" Resilient Wedge Gate Valve			
53	3	EA	Cast Iron Screw Valve Box for 8" Resilient Wedge Gate Valve			
54	3	EA	Valve Box Plug for 8" Resilient Wedge Gate Valve			
55	3	EA	Valve Box Adaptor for 8" Resilient Wedge Gate Valve			
56	2	EA	Blue Water Valve 811 Fiberglass Marking Post w/ "Caution Water Valve Before Digging Call 811"			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
57	335	EA	Wax-Type, Non-Firming Anti-Corrosion Underground Pipe Wrap, for 24" DIP Fittings, 12" Wide x 18 Feet Long Roll			
58	60	GAL	Pipe Wrap Primer			
59	325	EA	Moisture-Cured Outerwrap, 9" Wide x 40' Long Roll, With End Adhesive			
60	60	EA	Wax-Type, Non-Firming Anti-Corrosion Underground Pipe Wrap, for 16" DIP fittings, 9" Wide x 18 Feet Long Roll			
61	195	EA	Wax-Type, Non-Firming Anti-Corrosion Underground Pipe Wrap, for 8" DIP Fittings, 4" Wide x 9 Feet Long Roll			
62	1	EA	24" Hymax Coupling (Cast-Iron to Ductile Iron)			
63	2	EA	16" Hymax Coupling (Cast-Iron to Ductile Iron)			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
64	2	EA	8" Hymax Coupling (Cast-Iron to Ductile Iron)			
65	170	LF	3/4" Type K Copper Service Tubing			
66	3	EA	24" x 3/4" Double Band Service Saddle			
67	7	EA	12" x 3/4" Double Band Service Saddle			
68	10	EA	10" X 3/4" Double Band Service Saddle			
69	17	EA	3/4" High Pressure Single Water Meter w/ Pulse Output			
70	17	EA	20" Meter Box Cover w/ Locking 15" Overlapping Lid and Single Hole for Reading Module			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
71	17	EA	20" x 30" MS Plastic Meter Pit			
72	17	EA	3/4" Twin Yoke Assembly w/ Regulator Adaptor			
73	17	EA	3/4" Pressure Reducing Valve Regulator			
74	17	EA	Pack Joint Coupling			
75	17	EA	3/4" x 3/4" Corporation Stop			
76	3,000	LF	Magnetic Warning Tape (Blue)			
77	2,500	LF	Tracer Wire			

BID WITH AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS						
Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
78	300	LF	2" PVC Water Line			

TOTAL BID WITH AIS AND BABA ACT REQUIREMENTS:

_____ (Words) _____ (\$ _____) (Figures)

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS						
Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
1	2,100	LF	24" Zinc-Coated (Pressure Class 350) Ductile Iron Pipe w/ Push-On Joints			
2	40	EA	Enhanced Polyethylene Encasement for 24" DIP, 54" Wide x 160 Feet Long Roll			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
3	40	LF	16" Zinc-Coated (Pressure Class 350) Ductile Iron Pipe w/ Push-On Joints			
4	1	EA	Enhanced Polyethylene Encasement for 16" DIP, 34" Wide x 160 Feet Long Roll			
5	40	LF	14" Zinc-Coated (Pressure Class 350) Ductile Iron Pipe w/ Push-On Joints			
6	1	EA	Enhanced Polyethylene Encasement for 14" DIP, 34" Wide x 160 Feet Long Roll			
7	1	EA	Enhanced Polyethylene Encasement Tape, 2" Wide x 100 Feet Long Roll			
8	160	LF	8" (Pressure Class 350) Ductile Iron Pipe w/ Push-On Joints			
9	3	EA	Ductile Iron Fitting - 24" x 16" MJ Reducer			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
10	1	EA	Ductile Iron Fitting - 24" x 14" MJ Reducer			
11	1	EA	Ductile Iron Fitting - 24" x 12" MJ Reducer			
12	3	EA	Ductile Iron Fitting - 24" x 24" MJ Tee			
13	1	EA	Ductile Iron Fitting - 24" x 24" MJ Cross			
14	3	EA	Ductile Iron Fitting - 24" x 12" MJ Tee			
15	3	EA	Ductile Iron Fitting - 12" x 8" MJ Reducer			
16	1	EA	Ductile Iron Fitting - 16" x 16" MJ Tee			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
17	1	EA	Ductile Iron Fitting - 14" x 14" MJ Tee			
18	3	EA	Ductile Iron Fitting - 8" x 8" MJ Tee			
19	6	EA	Ductile Iron Fitting - 24" MJ 90° Fitting			
20	13	EA	Ductile Iron Fitting - 24" MJ 45° Fitting			
21	13	EA	Ductile Iron Fitting - 24" MJ 22.5° Fitting			
22	9	EA	Ductile Iron Fitting - 24" MJ 11.25° Fitting			
23	1	EA	Ductile Iron Fitting - 14" MJ 90° Fitting			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
24	3	EA	Ductile Iron Fitting - 8" MJ 90° Fitting			
25	2	EA	Ductile Iron Fitting - 8" MJ 45° Fitting			
26	4	EA	Ductile Iron Fitting - 8" MJ 22.5° Fitting			
27	2	EA	Ductile Iron Fitting - 8" MJ 11.25° Fitting			
28	1	EA	24" MJ Cap (Solid)			
29	1	EA	16" MJ Cap (Solid)			
30	1	EA	14" MJ Cap (Solid)			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
31	2	EA	8" MJ Cap (Solid)			
32	90	EA	Mechanical Joint Restraints - 24"			
33	15	EA	Mechanical Joint Restraints - 16"			
34	10	EA	Mechanical Joint Restraints - 14"			
35	5	EA	Mechanical Joint Restraints - 12"			
36	45	EA	Mechanical Joint Restraints - 8"			
37	2	EA	24" CL150 Butterfly Valve			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS						
Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
38	2	EA	Cast Iron Screw Valve Box for 24" Butterfly Valve			
39	2	EA	Valve Box Plug for 24" Butterfly Valve			
40	2	EA	Valve Box Adaptor for 24" Butterfly Valve			
41	2	EA	Blue Water Valve 811 Fiberglass Marking Post w/ "Caution Water Valve Before Digging Call 811"			
42	1	EA	16" CL150 Butterfly Valve			
43	1	EA	Cast Iron Screw Valve Box for 16" Butterfly Valve			
44	1	EA	Valve Box Plug for 16" Butterfly Valve			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
45	1	EA	Valve Box Adaptor for 16" Butterfly Valve			
46	2	EA	Blue Water Valve 811 Fiberglass Marking Post w/ "Caution Water Valve Before Digging Call 811"			
47	1	EA	14" CL150 Butterfly Valve			
48	1	EA	Cast Iron Screw Valve Box for 14" Butterfly Valve			
49	1	EA	Valve Box Plug for 14" Butterfly Valve			
50	1	EA	Valve Box Adaptor for 14" Butterfly Valve			
51	2	EA	Blue Water Valve 811 Fiberglass Marking Post w/ "Caution Water Valve Before Digging Call 811"			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
52	3	EA	8" Resilient Wedge Gate Valve			
53	3	EA	Cast Iron Screw Valve Box for 8" Resilient Wedge Gate Valve			
54	3	EA	Valve Box Plug for 8" Resilient Wedge Gate Valve			
55	3	EA	Valve Box Adaptor for 8" Resilient Wedge Gate Valve			
56	2	EA	Blue Water Valve 811 Fiberglass Marking Post w/ "Caution Water Valve Before Digging Call 811"			
57	335	EA	Wax-Type, Non-Firming Anti-Corrosion Underground Pipe Wrap, for 24" DIP Fittings, 12" Wide x 18 Feet Long Roll			
58	60	GAL	Pipe Wrap Primer			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
59	325	EA	Moisture-Cured Outerwrap, 9" Wide x 40' Long Roll, With End Adhesive			
60	60	EA	Wax-Type, Non-Firming Anti-Corrosion Underground Pipe Wrap, for 16" DIP fittings, 9" Wide x 18 Feet Long Roll			
61	195	EA	Wax-Type, Non-Firming Anti-Corrosion Underground Pipe Wrap, for 8" DIP Fittings, 4" Wide x 9 Feet Long Roll			
62	1	EA	24" Hymax Coupling (Cast-Iron to Ductile Iron)			
63	2	EA	16" Hymax Coupling (Cast-Iron to Ductile Iron)			
64	2	EA	8" Hymax Coupling (Cast-Iron to Ductile Iron)			
65	170	LF	3/4" Type K Copper Service Tubing			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
66	3	EA	24" x 3/4" Double Band Service Saddle			
67	7	EA	12" x 3/4" Double Band Service Saddle			
68	10	EA	10" X 3/4" Double Band Service Saddle			
69	17	EA	3/4" High Pressure Single Water Meter w/ Pulse Output			
70	17	EA	20" Meter Box Cover w/ Locking 15" Overlapping Lid and Single Hole for Reading Module			
71	17	EA	20" x 30" MS Plastic Meter Pit			
72	17	EA	3/4 " Twin Yoke Assembly w/ Regulator Adaptor			

BID WITHOUT AMERICAN IRON AND STEEL (AIS) AND BUILD AMERICA, BUY AMERICA (BABA) ACT REQUIREMENTS

Item #	Qty.	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
73	17	EA	3/4" Pressure Reducing Valve Regulator			
74	17	EA	Pack Joint Coupling			
75	17	EA	3/4" x 3/4" Corporation Stop			
76	3,000	LF	Magnetic Warning Tape (Blue)			
77	2,500	LF	Tracer Wire			
78	300	LF	2" PVC Water Line			

TOTAL BID WITHOUT AIS AND BABA ACT REQUIREMENTS:

(Words) _____ (\$ _____) (Figures)

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

- B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Procurement Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.
 - C. Because this Work may be funded by local, state, and/or federal funding available at the time of award of Contract, two (2) bid forms are provided and shall both be completed as part of the Bid. One (1) bid form includes American Iron and Steel and Build America, Buy America Act Requirements. The other bid form does not include American Iron and Steel or Build America, Buy America Act Requirements.
- Clarksburg Water Board reserves the right to award the Contract on the basis of either Bid based on the funding source(s) available at the time of award.

2.03 *Buyer's Contingency Allowance*

- A. The Bid Price is supplemented by the following Buyer's Contingency Allowance, as described in the General Conditions, Paragraph 11.06:

Buyer's Contingency Allowance	\$
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2.04 *Total Bid Price*

- A. The following Total Bid Price is the sum of the Lump Sum Bid Price from Paragraph 2.01, the Total of All Unit Price Bid Items from Paragraph 2.02, and the Buyer's Contingency Allowance. The Total Bid Price, if accepted and incorporated in the Procurement Contract to be awarded, will be subject to any Buyer-accepted Alternates and to final Unit Price and Buyer's Contingency Allowance adjustments.

Total Bid Price	\$
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ARTICLE 3—TIME OF COMPLETION

- 3.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule of Procurement Contract Times set forth in Article 2 of the Procurement Agreement.
- 3.02 Bidder accepts the provisions of the Procurement Agreement as to liquidated damages.

ARTICLE 4—ATTACHMENTS TO THIS BID

- 4.01 The following documents are attached to and made a condition of this Bid:
- A. Required Bid security in the form prescribed in the Instructions to Bidders.
 - B. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids.
 - C. ~~Equipment Data Sheets.~~
 - D. ~~Required Bidder Qualification Statement with supporting data.~~
 - E. ~~{List other documents and edit above as pertinent}.~~

ARTICLE 5—BIDDER'S ACKNOWLEDGMENTS

- 5.01 Bidder accepts all terms and conditions of the Instructions to Bidders. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period that Bidder may agree to in writing upon request of Buyer.
- 5.02 Bidder has examined and carefully studied the Procurement Bidding Documents, the related data identified in the Procurement Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder’s Representations*

A. In submitting this Bid, Bidder represents that:

1. Bidder has examined and carefully studied the Procurement Contract Documents.
2. If required by the Instructions to Bidders to visit the Point of Destination and the site where the Goods are to be installed or Special Services will be provided, or if, in Bidder’s judgment, any observable local or site conditions may affect the delivery, cost, progress, or furnishing of the Goods and Special Services, then Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided (as applicable) and become familiar with and is satisfied as to the observable local and site conditions that may affect delivery, cost, progress, and furnishing of the Goods and Special Services.
3. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect the cost, progress, and performance of Seller's obligations under the Procurement Contract.
4. Bidder has carefully studied, considered, and correlated the information known to Bidder with respect to the effect of such information on the cost, progress, and performance of Seller's obligations under the Procurement Contract.
5. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Procurement Contract Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.
6. The Procurement Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance of Seller's obligations under the Procurement Contract.
7. The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of the Bidding Requirements, that without exception the Bid (including all Bid prices) is premised upon furnishing the Goods and Special Services as required by the Procurement Contract Documents.

6.02 *Bidder’s Certifications*

A. Bidder certifies that:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
3. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Procurement Contract. For the purposes of this Paragraph 6.02.A.4:
 - a. “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 - b. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at

artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;

- c. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
- d. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

This Bid is offered by:

Bidder:

(typed or printed name of organization)

By: _____
(individual's signature)

Date: _____
(date signed)

Name: _____
(typed or printed)

Title: _____
(typed or printed)

(If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: _____
(individual's signature)

Title: _____
(typed or printed)

Address for giving notices:

Designated Representative:

Name: _____
(typed or printed)

Title: _____
(typed or printed)

Address:

Phone: _____

Email: _____

License No.: _____

Classification: _____

Limitation: _____

SECTION 331213 - WATER SERVICE CONNECTIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract Documents, including General and Supplementary Conditions, and all related Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Pipe and fittings for 2- inch and smaller water service connections.
 - 2. Corporation stops and service saddles.
 - 3. Curb stops.
 - 4. Meter setting equipment (yokes).
 - 5. Water meters.
 - 6. Meter wells and frames and lids.
 - 7. Underground pipe markers.

1.3 REFERENCE STANDARDS

- A. American Association of State Highway and Transportation Officials:
 - 1. AASHTO T 180 - Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop.
- B. American Society of Mechanical Engineers:
 - 1. ASME B16.18 - Cast Copper Alloy Solder Joint Pressure Fittings.
 - 2. ASME B16.22 - Wrought Copper and Copper Alloy Solder Joint Pressure Fittings.
- C. American Society of Sanitary Engineering:
 - 1. ASSE 1012 - Performance Requirements for Backflow Preventers with an Intermediate Atmospheric Vent.
 - 2. ASSE 1013 - Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Principle Fire Protection Backflow Preventers.
- D. ASTM International:
 - 1. ASTM A48 - Standard Specification for Gray Iron Castings.
 - 2. ASTM B62 - Standard Specification for Composition Bronze or Ounce Metal Castings.
 - 3. ASTM B88 - Standard Specification for Seamless Copper Water Tube.

4. ASTM C858 - Standard Specification for Underground Precast Concrete Utility Structures.
5. ASTM D698 - Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³ (600 kN-m/m³).
6. ASTM D1557 - Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft³ (2,700 kN-m/m³).
7. ASTM D1785 - Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120.
8. ASTM D2241 - Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series).
9. ASTM D2466 - Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40.
10. ASTM D2855 - Standard Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings.
11. ASTM D6938 - Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth).

E. American Welding Society:

1. AWS A5.8 - Specification for Filler Metals for Brazing and Braze Welding.

F. American Water Works Association:

1. AWWA C600 - Installation of Ductile-Iron Mains and Their Appurtenances.
2. AWWA C700 - Cold-Water Meters - Displacement Type, Bronze Main Case.
3. AWWA C701 - Cold-Water Meters - Turbine Type, for Customer Service.
4. AWWA C702 - Cold-Water Meters - Compound Type.
5. AWWA C706 - Direct-Reading, Remote-Registration Systems for Cold-Water Meters.
6. AWWA C800 - Underground Service Line Valves and Fittings.
7. AWWA C901 - Polyethylene (PE) Pressure Pipe and Tubing, 1/2 In. Through 3 In., for Water Service.
8. AWWA M6 - Water Meters - Selection, Installation, Testing, and Maintenance.

1.4 SUBMITTALS

- A. Section 013300 – Submittal Procedures.
- B. Product Data: Submit data on all materials and equipment.
- C. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

1.5 CLOSEOUT SUBMITTALS

- A. Section 017000 – Execution and Close Requirements

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Inspection: Accept materials on Site in manufacturer's original packaging and inspect for damage.
- B. Store products and materials off ground and under protective coverings and away from walls.

PART 2 - PRODUCTS

2.1 WATER PIPING AND FITTINGS

- A. Copper Tubing – Service Lines:
 - 1. Comply with ASTM B88.
 - 2. Type K, annealed.
 - 3. Fittings: Conform to ASME B16.18, cast copper or ASME B16.22, wrought copper.
 - 4. Joints: Compression connection.

2.2 CORPORATION STOPS AND SERVICE SADDLES

- A. Manufacturers:
 - 1. Ford Meter Box Co., Inc.
 - 2. Substitutions: As approved by the Engineer.
- B. Corporation Stops:
 - 1. Comply with ASTM B62.
 - 2. Body: Brass or red brass alloy, ball corporation with a working pressure of 300 PSI.
 - 3. Inlet End: Threaded for tapping according to AWWA C800.
 - 4. Outlet End: Compression for Copper Tube Sized (CTS) polyethene pipe service tubing and copper service tubing.
 - 5. Ballcorp Corporation Stop, Ford Model# FB-1000-3-NL or Engineer's approved equal.
- C. Service Saddles:
 - 1. Type: Iron.
 - 2. Designed to hold pressures in excess of pipe working pressure.
 - 3. Double strap for iron pipe.
 - 4. CC (AWWA) outlet thread type.
 - 5. Ford Model# F202-1110-CC3 for 10" ductile iron pipe; F202-1320-CC3 for 12" ductile iron pipe; F202-2650-CC3 for 24" ductile iron pipe, or Engineer's approved equal.

2.3 YOKE SETTERS

- A. Manufacturers:

1. Ford Meter Box Co., Inc. Twin Yoke Assembly Model #Y501NL, ¾" x 5/8".
2. Substitutions: As approved by the Engineer.
3. Yoke setters:
 - a. Inlet Yoke Ball Valves: Ford Model BA94-313W-NL.
 - b. Outlet Yoke Valve: Angle Key Yoke Valve w/ Drain, Ford Model AV92-313D-NL Flared Copper.
 - c. Expansion Connection: Wrench (Ford Model EC-23W-NL).
 - d. Pack Joint Couplings: Ford Model C44-33NL, ¾".
 - e. The height shall be 15 inches for ¾" high pressure meter settings (15" minimum is manufacturer's requirements).
 - f. For high pressure meter settings, regulators (PRV's) shall be Wilkins Model 610XLLUSC or Honeywell Braukman DS05 "Dial Set," or approved equal. No Lead PRV less union sealed cage. Each high pressure meter setting shall include a cross-over copper S-tube with saddle nuts to facilitate installation of the regulator at a position prior to the water meter. A pair of regulator meter adaptors and gaskets shall be provided at each meter setting.

2.4 WATER METERS

A. Manufacturers:

1. Neptune Model T-10.
2. Substitutions: None.

B. Description:

1. Comply with AWWA C700, C701, C702
2. Type: Positive Displacement, nutating disc
3. Case Material: Bronze
4. Register: Hermetically Sealed
5. Remote Reading: Comply with AWWA C706

C. Meter:

1. Description: Brass body turbine meter with magnetic drive register.
2. Service: Cold water, 80 degrees F
3. Nominal Flow Rate: ½ to 20 gpm
4. Max Operating Pressure: 150 psi
5. Accuracy: 95%
6. Maximum Counter Reading: 10 M Gallon
7. Pipe Size: ¾"
8. Radio Road: E-Coder R900i Radio Read register

2.5 METER WELLS AND LIDS

A. Manufacturers:

1. Meter Wells:
 - a. Oldcastle Heavywall 0020B (20" diameter by 30" deep)
 - b. Engineer's approved equal.
2. Lids:
 - a. Ford Meter Box Co., Inc. Model C52, 20".
 - b. Substitutions: As approved by the Engineer.

- B. Meter Wells: Provide inside diameters as required to accommodate yokes and allow for installation and removal of the meters and related appurtenances to be housed in the meter well.
1. Provide 20" inside diameter for single low pressure meter settings of 1" and single high pressure meter settings of 1" or less.
 2. The meter well depth shall be 30".
 3. Construction shall be polyvinylchloride (PVC), supplied with pre-cut notches for inlet and outlet service tubing.
- C. Frames and lids for 20" diameter meter wells: Cast iron frame with single, cast iron, locking overlapping-style lids with a minimum of 15" opening and sized to fit the meter well diameters. All lids shall include precast holes for remote electronic water reading modules. These holes shall accommodate electronic water reading modules where required or shall include plastic automatic reading (AMR) plugs to accommodate radio read meters installed and/or transferred in this project or future meter upgrades. The pentagon bolts shall be the standard 27/32" unless otherwise required by the Owner.

2.6 CASING

- A. Polyvinylchloride (3-inch or smaller):
1. Comply with ASTM D2241, SDR 13.5 (Class 315 PSI).
 2. Fittings: Ductile Iron Fittings compatible with pipe. Provide required adaptors.
 3. Joints:
 - a. Comply with ASTM D3139.

2.7 UNDERGROUND PIPE MARKERS

- A. Magnetic Warning Tape and Tracer Wire

As specified in Section 331113 – Water Distribution Piping.

PART 3 - EXECUTION (NOT USED)

END OF SECTION 331213