

**ADDENDUM NO. 2
SEPTEMBER 5, 2025**

**PROJECT: PECOS COUNTY WCID #1
WATER TRANSMISSION & DISTRIBUTION LINE SYSTEM IMPROVEMENTS**

BID DATE: SEPTEMBER 24, 2025, AT 1:30 PM

The following changes and/or additions shall be made to the Plans, Specifications, and Contract Documents for the above referenced project. Bidder shall acknowledge receipt of this Addendum by signing below and returning this Addendum with the Bid.

1) GENERAL

For contractors interested in viewing project sites, Pecos County WCID #1 personnel will be providing a tour on September 10 at 10:30 AM. Contractors shall meet at the Pecos County WCID #1 office located at 4375 FM 1053, Fort Stockton, TX 79735.

2) PLAN SHEETS

Sheet 128 is hereby revised to include water details for 4" flush valves. Revised Sheet 128 is attached.

3) SPECIFICATIONS

Section 33 07 01: SERVICE METERS, BOXES, REGLATORS, AND SERVICE LINES: Item 2.1 "Products" of the specifications is hereby revised to specify service lines when the meter is located across a paved road from the main line is a $\frac{3}{4}$ " SDR 9 polyethylene tubing with 2" HDPE encasement. The revised specification is attached.

4) BID SCHEDULE

The Bid Schedule is hereby revised to include bid items 6" X 4" Water Line Connection and Cut and Cap 10" Existing Water Line. Bid Item Numbers have been adjusted to reflect the addition of the 6" X 4" Water Line Connection and Cut and Cap 10" Existing Water Line. The Bid Schedule also includes changes to the quantities of 16" X 10" Water Line Connection and 8" X 4" Water Line Connection bid items. Revised Bid Schedule is attached.

Bidder's Acknowledgment

Date

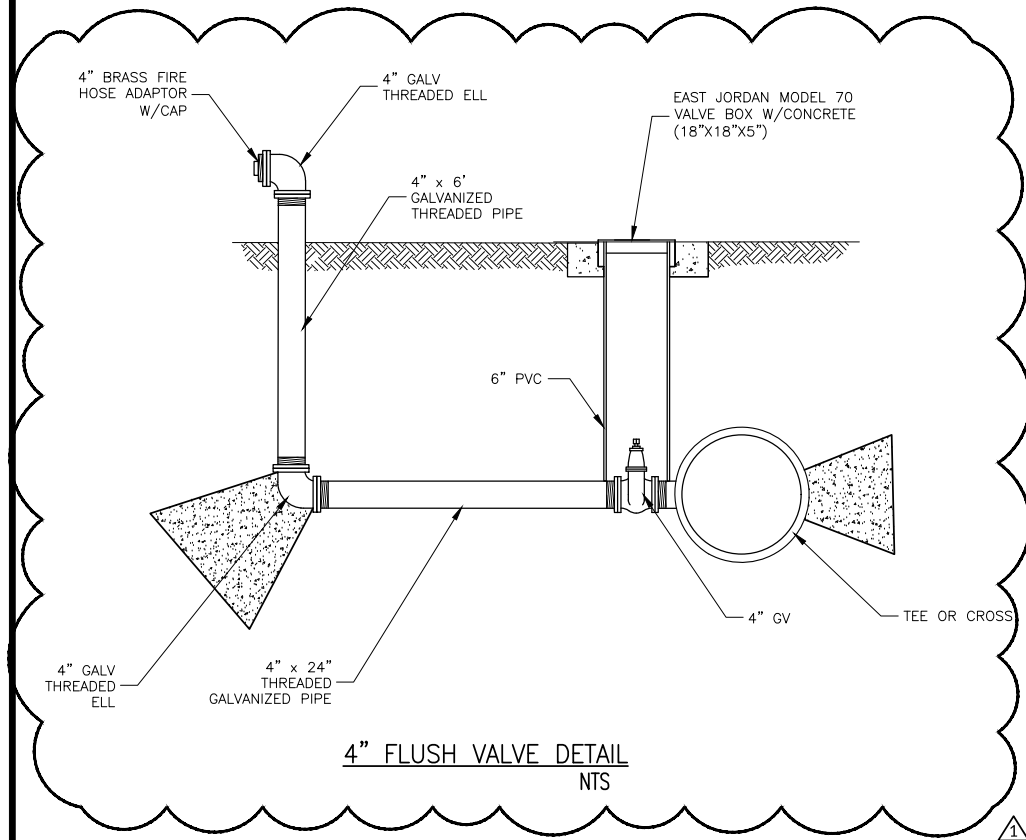
Prepared by:

JACOB | MARTIN
TBPE Firm No. 2448

09/05/25

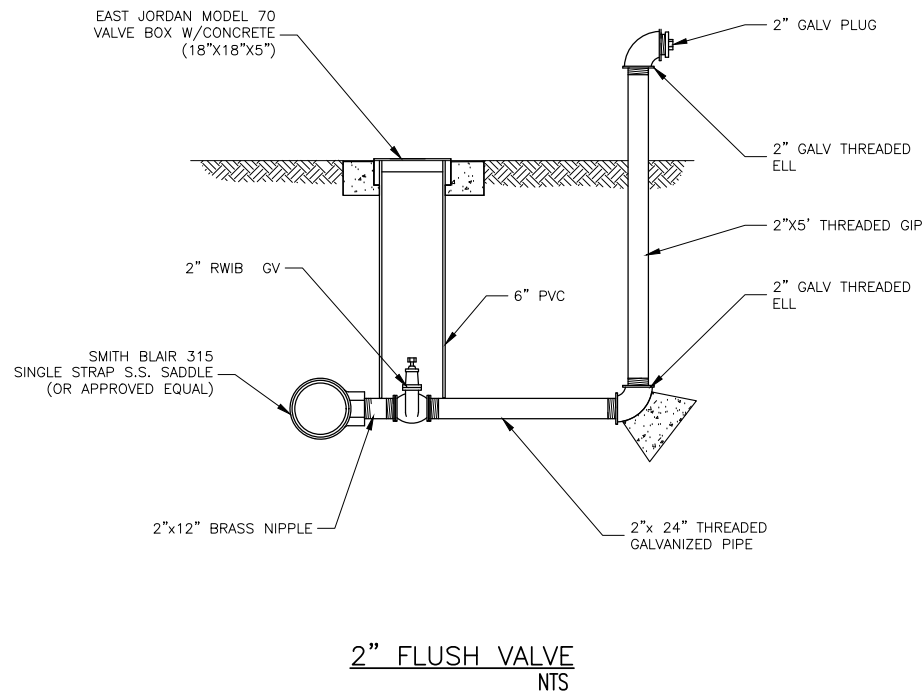


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NOTE:

1. ALL MATERIAL INCLUDING GV IS IN BID PRICE.
2. INSTALL GATE VALVE BOX FLUSH IF REQUIRED. (SEE FLUSH GV DETAIL THIS SHEET)
3. TYPICAL VALVE INSTALLATION IS REQUIRED WITH ACCESS BOX FLUSH TO GROUND. THE FOLLOWING SHALL BE PROVIDED:
 - A. COMPACTED BACKFILL AROUND CONCRETE COLLAR.
 - B. EAST JORDAN IRON WORKS MODEL NO. 70 SHORT CAST IRON VALVE BOX.
 - C. 5-1/2" x 18" SQUARE CLASS B NON-REINFORCED CONCRETE COLLAR FOR VALVE BOX SET 2-1/2" ABOVE EXISTING GRADE.



NOTE:

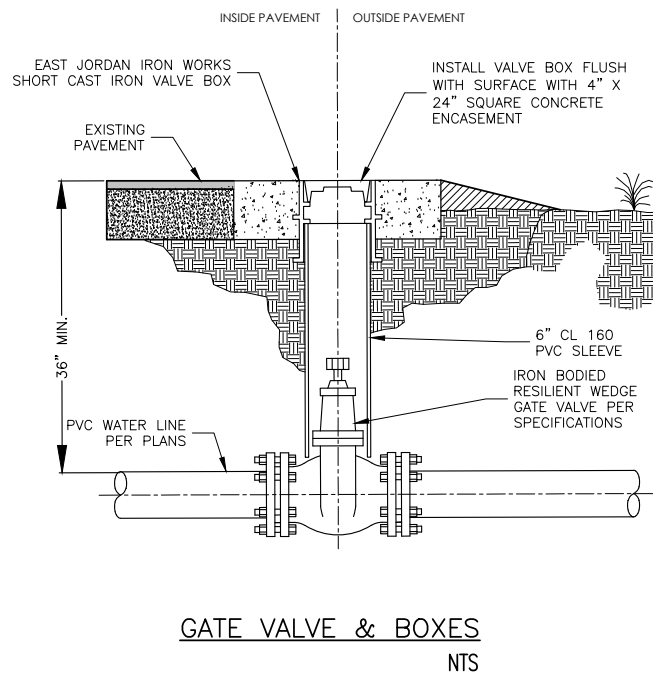
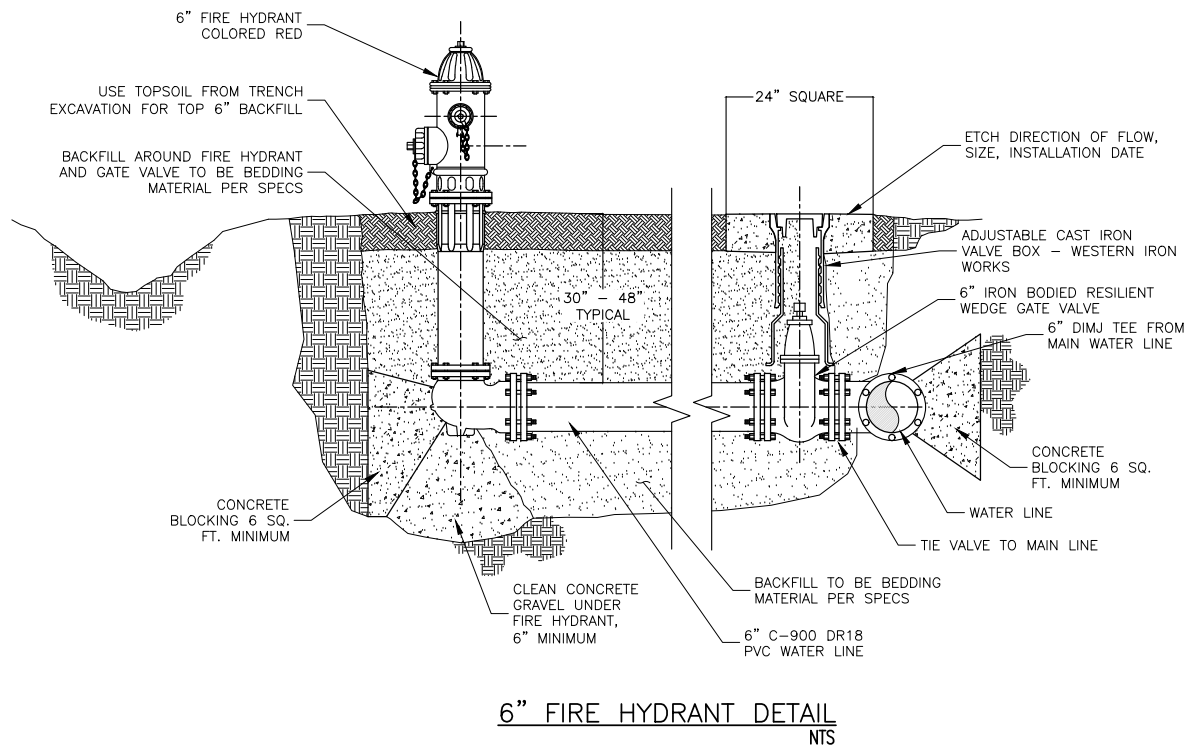
FOR FLUSH VALVES INSTALLED IN TxDOT OR COUNTY ROW, GATE VALVE & RISER SHALL BE EXTENDED TO EDGE OF ROW WITH SDR11 HDPE FROM TAPPING SADDLE TO GATE VALVE.

NOTE:

MEGALUGS SHALL BE USED ON FIRE HYDRANT TEE, GATE VALVE, FIRE HYDRANT & ALL FITTINGS. EXCEPT AS NOTED.

NOTE:

PROVIDE VALVE OPERATOR EXTENSIONS FOR ALL VALVES DEEPER THAN 4'.



ISSUED FOR REVIEW



PECOS COUNTY WCID #1
WATER DISTRIBUTION LINE IMPROVEMENTS

WATER DETAILS (3)

NO.	REVISION	DATE	PROJECT #	SCALE	AS SHOWN	BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING. CHECK SCALE AND ADJUST ACCORDINGLY.
128	SEE ADDENDUM #2	09/05/2025	19254			
130						
128						

SECTION 33 07 01 - SERVICE METERS, BOXES, REGULATORS AND SERVICE LINES

PART 1 GENERAL

1.1 REFERENCE STANDARDS

ASTM D3350 - Standard Specification for Polyethylene Plastics Pipe and Fittings Material; 2014.

AWWA C700 - Cold-Water Meters -- Displacement Type, Metal Alloy Main Case; 2015.

AWWA C702 - Cold-Water Meters -- Compound Type; 2015.

AWWA C706 - Direct-Reading, Remote-Registration Systems for Cold- Water Meters; Latest Edition.

AWWA C707 - Encoder-Type Remote-Registration Systems for Cold-Water Meters; 2010.

AWWA C901 - Polyethylene (PE) Pressure Pipe and Tubing, 1/2 In. (13 mm) Through 3 In. (76 mm), for Water Service; 2008.

NSF 61 - Drinking Water System Components - Health Effects; 2014 (Errata 2015).

1.2 WORK INCLUDED

The CONTRACTOR shall furnish, install and test (as needed) service meters, service pressure regulators, service lines, meter boxes, corporation stops, meter stops, customer shut-off valves and all materials needed to complete this project as described in these Specifications.

1.3 QUALITY ASSURANCE

- A. This item of the Specifications covers the type and/or quality of materials common to other sections of the Specifications. These Specifications are intended to be so written that only materials of the best quality and grade will be furnished. The fact that the Specifications may fail to be sufficiently complete in some detail will not relieve the CONTRACTOR of full responsibility for providing materials of high quality and protecting them adequately until incorporation in the Project. The Specifications for materials set out the minimum standard of quality which the OWNER believes necessary to procure a satisfactory Project. No substitutions will be permitted until the CONTRACTOR has received written permission from the ENGINEER to make a substitution for the material which has been specified.
- B. Where the term "or equal", or "or approved equal" is used, it is understood that if a material, product, or piece of equipment of the specified name and quality is furnished it will be approvable, as the particular name was used for the purpose of establishing a standard of quality acceptable to the OWNER. If a product of any other name is proposed for use, the ENGINEER's approval thereof must be obtained before the proposed substitute is procured by the CONTRACTOR. Wherever the term "or equal" is used, it is understood to mean "or approved equal".
- C. In the event the type or quality of materials required for installation on the project are inadvertently omitted from these Specifications, it is the intent that only high quality materials meeting industry accepted standards be furnished and installed by the CONTRACTOR. Such omission of materials Specifications shall be directed to the attention of the ENGINEER by the CONTRACTOR and materials shall receive approval by the ENGINEER prior to purchase. All materials used on this project shall be new.

1.4 SUBMITTALS

Submit the following information in accordance with the requirements of the Contract Documents:

- A. Pipe material

B. Fittings and appurtenances

The pipe layout Drawings and data shall clearly indicate where pipe requiring special provisions are provided.

PART 2 PRODUCTS

2.1 3/4" METER SERVICE AND SERVICE LINE

3/4" Meter Service and Service Line shall be 3/4" SDR 9 polyethylene tubing. Polyethylene water service tubing shall meet or exceed all requirements of AWWA C901. The polyethylene pipe shall be P.E. 3408 meeting cell classification ASTM D3350 of 345434C with NSF 61 approved resin. Service tubing shall be equipped with stainless stiffeners and insta-tite or pack joint type connections.

The service line shall be 3/4" SDR 9 polyethylene tubing with 2" HDPE encasement when the meter is located across a paved road from the main line.

2.2 SADDLES

Saddles shall be bronze, single strap with O-ring seal cemented in place. Service clamps shall have threads to correspond with the corporation stop inlet, Ford S71 or S91, or equal.

2.3 CORPORATION STOPS

Corporation Stops shall be 3/4" Ford-F1100-G, or equal, I.P. thread inlet and outlet for insta-tite or pack joint connection to polyethylene pipe.

2.4 METER STOPS

Meter Stops shall be 3/4" Ford BA41-233WRG ball valve for polyethylene pipe and swivel nut I.P.T. outlet. One required for each meter.

2.5 METER BOXES

Meter Boxes shall be pre-cast, reinforced plastic water meter box DFW JUMBO Model D-1500, or approved equal, marked "Water Meter". The boxes shall be of sufficient size to completely enclose the meter and shutoff valve or service stop.

Meter boxes set in paved areas subject to vehicular traffic shall be cast iron, or concrete with cast iron lid and cast iron meter reader lid. Boxes set in sidewalks, not subject to vehicular traffic shall,

1. Use concrete covers with cast iron meter reader lids
2. Be concrete with cast iron lid and cast iron meter reader lid

Plastic boxes and lids shall be used in unpaved areas or grass areas not subject to vehicular traffic. Box height shall extend from invert of the meter to final grade at the meter location. The lid shall have the word "WATER" cast in it.

2.6 SERVICE PRESSURE REGULATORS

Service Pressure Regulators shall be Wilkins, Model BR4 with stainless steel screen or approved equal, 3/4" with 50 psi pressure differential. Service pressure regulators shall be installed with all service meters. Provide straight brass connection with I.P.T. each end for connection to meter stop and Ford Meter Coupling C3823-1.625, or equal, for connection from meter to 1" CL 200 PVC stub.

2.7 WATER METERS

Water Meters shall be the standard 5/8" x 3/4" service meters sealed register magnetic drive Neptune / Precision / Sensus meter, or an approved equal.

2.8 CUSTOMER SHUT-OFF VALVES

The CONTRACTOR shall furnish and install one 3/4" Nibco rubber seat gate valve, 4" plastic valve box and 3/4" CL 200 PVC connecting pipe as shown on the Plans.

PART 3 EXECUTION

3.1 INSTALLATION

The meter shall be set where indicated by the OWNER with top of meter box set flush with ground and service line laid with 24 inches of cover. Trenching for service line and backfill shall be in accordance with Sections 31 03 01, TRENCHING, BACKFILLING AND COMPACTING, and 31 04 01, TENCH EXCAVATION SAFETY PROTECTION SYSTEM. Service lines shall be installed prior to pressure testing any particular section of the water main, and service lines shall be examined for possible leakage prior to approval of the work by the Inspector. For service line taps on mains, an approved type tapping saddle shall be used to provide a threaded connection for the corporation stop. Meters and service lines shall be installed as directed by the OWNER, providing water customers have paid the meter deposit prior to time the CONTRACTOR selects to construct the adjacent water main. After installation of the box, the area shall be backfilled and compacted and the surface left in a smooth and uniform condition and graded to drain. Pressure reducers shall be installed on the outlet side of meter and coupling inside the meter box on all meters

-- END OF SECTION --

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PECOS COUNTY WCID - 1
WATER TRANSMISSION AND DISTRIBUTION LINE SYSTEM IMPROVEMENTS
BASE BID

Show prices in numerals. Round off unit prices to two decimal places only.

These Bid Prices must include all labor, materials, equipment, insurance, overhead, superintendence, transportation, profits & incidentals to cover the finished Work called for in the Contract Documents.

For all Labor, Materials, Equipment and Incidentals to Furnish and Install the Following:

Bid Item	Description	Est. Qty.	Unit	Unit Price	Extended Amount
1	Mobilization, Bonds, and Insurance	1	LS	\$	\$
2	16" DR-18 C900 PVC Water Line (Open Cut)	11,870	LF	\$	\$
3	16" DR-25 C900 PVC Water Line (Open Cut)	92,979	LF	\$	\$
4	12" DR-25 C900 PVC Water Line (Open Cut)	20,266	LF	\$	\$
5	8" DR-25 C900 PVC Water Line (Open Cut)	11,700	LF	\$	\$
6	6" DR-25 C900 PVC Water Line (Open Cut)	17,513	LF	\$	\$
7	4" DR-25 C900 PVC Water Line (Open Cut)	10,597	LF	\$	\$
8	24" DIPS DR-21 HDPE Casing (Bore)	465	LF	\$	\$
9	20" DIPS DR-21 HDPE Casing (Bore)	320	LF	\$	\$
10	14" DIPS DR-21 HDPE Casing (Bore)	20	LF	\$	\$
11	14" Schedule 40 Steel Casing (Bore)	450	LF	\$	\$
12	12" DIPS DR-21 HDPE Casing (Bore)	150	LF	\$	\$
13	8" DIPS DR-21 HDPE Casing (Bore)	70	LF	\$	\$
14	16" DR-18 C900 Restrained Joint PVC (Bore w/ casing paid separate)	500	LF	\$	\$
15	12" DR-18 C900 Restrained Joint PVC (Bore w/ casing paid separate)	370	LF	\$	\$
16	8" DR-18 C900 Restrained Joint PVC (Bore w/ casing paid separate)	520	LF	\$	\$
17	6" DR-18 C900 Restrained Joint PVC (Bore w/casing paid separate)	260	LF	\$	\$
18	4" DR-18 C900 Restrained Joint PVC (Bore w/casing paid separate)	80	LF	\$	\$
19	16" Slick Bore	455	LF	\$	\$
20	12" Slick Bore	1,495	LF	\$	\$

21	8" Slick Bore	345	LF	\$	\$
22	6" Slick Bore	300	LF	\$	\$
23	4" Slick Bore	150	LF	\$	\$
24	16" Gate Valve and Box	14	EA	\$	\$
25	12" Gate Valve and Box	24	EA	\$	\$
26	10" Gate Valve and Box	18	EA	\$	\$
27	8" Gate Valve and Box	16	EA	\$	\$
28	6" Gate Valve and Box	50	EA	\$	\$
29	4" Gate Valve and Box	30	EA	\$	\$
30	3" Gate Valve and Box	3	EA	\$	\$
31	2.5" Gate Valve and Box	5	EA	\$	\$
32	2" Gate Valve and Box	6	EA	\$	\$
33	1.5" Gate Valve and Box	3	EA	\$	\$
34	16" X 10" Water Line Connection	8	EA	\$	\$
35	12" X 10" Water Line Connection	2	EA	\$	\$
36	12" X 8" Water Line Connection	1	EA	\$	\$
37	12" X 6" Water Line Connection	5	EA	\$	\$
38	12" X 4" Water Line Connection	3	EA	\$	\$
39	12" X 2" Water Line Connection	5	EA	\$	\$
40	12" X 1.5" Water Line Connection	1	EA	\$	\$
41	8" X 4" Water Line Connection	1	EA	\$	\$
42	6" X 6" Water Line Connection	2	EA	\$	\$
43	6" X 4" Water Line Connection	1	EA		
44	6" X 3" Water Line Connection	2	EA	\$	\$
45	6" X 2.5" Water Line Connection	5	EA	\$	\$

46	6" X 2" Water Line Connection	2	EA	\$	\$
47	4" X 4" Water Line Connection	4	EA	\$	\$
48	4" X 3" Water Line Connection	1	EA	\$	\$
49	4" X 2" Water Line Connection	1	EA	\$	\$
50	6" Fire Hydrant	15	EA	\$	\$
51	4" Flush Valve	13	EA	\$	\$
52	2" Flush Valve	4	EA	\$	\$
53	Remove and Dispose Existing Fire Hydrant	1	EA	\$	\$
54	Long Side Meter Reconnect (Bore)	27	EA	\$	\$
55	Short Side Meter Reconnect	41	EA	\$	\$
56	Cut and Cap Existing 10" Water Line	1	EA		
57	Cut and Cap Existing 8" Water Line	1	EA	\$	\$
58	Cut and Cap Existing 6" Water Line	1	EA	\$	\$
59	Cut and Cap Existing 4" Water Line	2	EA	\$	\$
60	Cut and Cap Existing 3" Water Line	1	EA	\$	\$
61	Cut and Cap Existing 2 1/2" Water Line	2	EA	\$	\$
62	Cut and Cap Existing 2" Water Line	2	EA	\$	\$
63	Cut and Cap Existing 1 1/2" Water Line	4	EA	\$	\$
64	Cut and Cap Existing 1 1/4" Water Line	2	EA	\$	\$
65	Cut and Cap Existing 1" Water Line	4	EA	\$	\$
66	2" Combination Air Valve	12	EA	\$	\$
67	Water Metal Detectable Tape	157,495	LF	\$	\$
68	Gravel Open Cut and Base Repair	3,773	LF	\$	\$
	TOTAL BASE BID (Items 1-66)				\$

Note: All products used for this project must meet Build America, Buy America (BABAA) domestic preference requirements.

Note: Owner reserves the right to accept any combination of base bid and additive alternate bid items.

PECOS COUNTY WCID - 1
WATER TRANSMISSION AND DISTRIBUTION LINE SYSTEM IMPROVEMENTS
ALTERNATE BID SCHEDULE

Show prices in numerals. Round off unit prices to two decimal places only.

These Bid Prices must include all labor, materials, equipment, insurance, overhead, superintendence, transportation, profits & incidentals to cover the finished Work called for in the Contract Documents.

Deduct bid items will be selected first from the Water Meter System Replacements contract, if desired, then will be selected from this contract.

DEDUCT ALTERNATE BID SCHEDULE 1
CASEBIER LANE / 45TH STREET (PLAN SHEETS 124 THROUGH 125)

For all Labor, Materials, Equipment and Incidentals to Furnish and Install the Following:

Bid Item	Description	Est. Qty.	Unit	Unit Price	Extended Amount
53	Long Side Meter Reconnect (Bore)	3	EA	\$	\$
54	Short Side Meter Reconnect	1	EA	\$	\$
62	Cut and Cap Existing 1 1/2" Water Line	2	EA	\$	\$
TOTAL DEDUCT ALTERNATE BID 1					\$

Note: All products used for this project must meet Build America, Buy America (BABAA) domestic preference requirements.

Note: Owner reserves the right to accept any combination of base bid and additive alternate bid items.

DEDUCT ALTERNATE BID SCHEDULE 2
MOORE ROAD / 42ND LANE (PLAN SHEETS 102 THROUGH 104 W/ 1053 BORE TO REMAIN)

For all Labor, Materials, Equipment and Incidentals to Furnish and Install the Following:

Bid Item	Description	Est. Qty.	Unit	Unit Price	Extended Amount
3	16" DR-25 C900 PVC Water Line (Open Cut)	1,170	LF	\$	\$
6	6" DR-25 C900 PVC Water Line (Open Cut)	3,100	LF	\$	\$
22	6" Slick Bore	210	LF	\$	\$
28	6" Gate Valve and Box	19	EA	\$	\$
29	4" Gate Valve and Box	1	EA	\$	\$
30	3" Gate Valve and Box	2	EA	\$	\$
31	2.5" Gate Valve and Box	5	EA	\$	\$
43	6" X 4" Water Line Connection	1	EA		
44	6" X 3" Water Line Connection	1	EA	\$	\$

45	6" X 2.5" Water Line Connection	5	EA	\$	\$
46	6" X 2" Water Line Connection	1	EA	\$	\$
50	6" Fire Hydrant	2	EA	\$	\$
52	2" Flush Valve	1	EA	\$	\$
54	Long Side Meter Reconnect (Bore)	4	EA	\$	\$
55	Short Side Meter Reconnect	8	EA	\$	\$
59	Cut and Cap Existing 4" Water Line	1	EA	\$	\$
61	Cut and Cap Existing 2 1/2" Water Line	1	EA	\$	\$
68	Gravel Open Cut and Base Repair	760	LF	\$	\$
TOTAL DEDUCT ALTERNATE BID 2					\$

Note: All products used for this project must meet Build America, Buy America (BABAA) domestic preference requirements.

Note: Owner reserves the right to accept any combination of base bid and additive alternate bid items.

**DEDUCT ALTERNATE BID SCHEDULE 3
53RD LANE (PLAN SHEETS 114 THROUGH 118)**

For all Labor, Materials, Equipment and Incidentals to Furnish and Install the Following:

Bid Item	Description	Est. Qty.	Unit	Unit Price	Extended Amount
7	4" DR-25 C900 PVC Water Line (Open Cut)	5,281	LF	\$	\$
23	4" Slick Bore	60	LF	\$	\$
29	4" Gate Valve and Box	9	EA	\$	\$
47	4" X 4" Water Line Connection	2	EA	\$	\$
52	2" Flush Valve	1	EA	\$	\$
54	Long Side Meter Reconnect (Bore)	3	EA	\$	\$
55	Short Side Meter Reconnect	5	EA	\$	\$
65	Cut and Cap Existing 1" Water Line	2	EA	\$	\$
68	Gravel Open Cut and Base Repair	406	LF	\$	\$

	TOTAL DEDUCT ALTERNATE BID 3	\$
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Note: All products used for this project must meet Build America, Buy America (BABAA) domestic preference requirements.

Note: Owner reserves the right to accept any combination of base bid and additive alternate bid items.

DEDUCT ALTERNATE BID SCHEDULE 4

7D AND WARNOCK (PLAN SHEETS 69B THROUGH 78)

For all Labor, Materials, Equipment and Incidentals to Furnish and Install the Following:

Bid Item	Description	Est. Qty.	Unit	Unit Price	Extended Amount
6	6" DR-25 C900 PVC Water Line (Open Cut)	11,028	LF	\$	\$
22	6" Slick Bore	90	LF	\$	\$
28	6" Gate Valve and Box	8	EA	\$	\$
29	4" Gate Valve and Box	1	EA	\$	\$
30	3" Gate Valve and Box	1	EA	\$	\$
32	2" Gate Valve and Box	1	EA	\$	\$
42	6" X 6" Water Line Connection	1	EA	\$	\$
44	6" X 3" Water Line Connection	1	EA	\$	\$
46	6" X 2" Water Line Connection	1	EA	\$	\$
50	6" Fire Hydrant	1	EA	\$	\$
51	4" Flush Valve	2	EA	\$	\$
54	Long Side Meter Reconnect (Bore)	6	EA	\$	\$
55	Short Side Meter Reconnect	6	EA	\$	\$
61	Cut and Cap Existing 2 1/2" Water Line	1	EA	\$	\$
63	Cut and Cap Existing 1 1/2" Water Line	1	EA	\$	\$
68	Gravel Open Cut and Base Repair	497	LF	\$	\$
	TOTAL DEDUCT ALTERNATE BID 4				\$

Note: All products used for this project must meet Build America, Buy America (BABAA) domestic preference requirements.

Note: Owner reserves the right to accept any combination of base bid and additive alternate bid items.

DEDUCT ALTERNATE BID SCHEDULE 5
54TH LANE (PLAN SHEETS 119 THROUGH 123)

For all Labor, Materials, Equipment and Incidentals to Furnish and Install the Following:

Bid Item	Description	Est. Qty.	Unit	Unit Price	Extended Amount
7	4" DR-25 C900 PVC Water Line (Open Cut)	5,292	LF	\$	\$
23	4" Slick Bore	40	LF	\$	\$
29	4" Gate Valve and Box	9	EA	\$	\$
47	4" X 4" Water Line Connection	1	EA	\$	\$
49	4" X 2" Water Line Connection	1	EA	\$	\$
52	2" Flush Valve	1	EA	\$	\$
55	Short Side Meter Reconnect	1	EA	\$	\$
65	Cut and Cap Existing 1" Water Line	2	EA	\$	\$
68	Gravel Open Cut and Base Repair	263	LF	\$	\$
	TOTAL DEDUCT ALTERNATE BID 5				\$

Note: All products used for this project must meet Build America, Buy America (BABAA) domestic preference requirements.

Note: Owner reserves the right to accept any combination of base bid and additive alternate bid items.

NOTE: Deduct Alternate Bid Schedule Order of Acceptance:

Water Meter System Replacements Deduct Alternate Bid 1

Water Meter System Replacements Deduct Alternate Bid 2

Water Transmission and Distribution Line System Improvements Deduct Alternate Bid 1 - Casebier Lane / 45th Street

Water Transmission and Distribution Line System Improvements Deduct Alternate Bid 2 - Moore Road / 42nd Lane

Water Transmission and Distribution Line System Improvements Deduct Alternate Bid 3 - 53rd Lane

Water Transmission and Distribution Line System Improvements Deduct Alternate Bid 4 - 7D and Warnock

Water Transmission and Distribution Line System Improvements Deduct Alternate Bid 5 - 54th Lane