



ENGINEERING
ARCHITECTURE
FIELD SERVICES

**CITY OF PENNSBORO
RITCHIE COUNTY, WEST VIRGINIA**

WATER SYSTEM IMPROVEMENTS PROJECT

ADDENDUM # 1

APRIL 30, 2021

**WVIJDC NO. 2018W-1766
THRASHER PROJECT NO. 101-010-1141**

TO WHOM IT MAY CONCERN:

A non-mandatory Pre-Bid Conference was held at 10:00 AM on Wednesday, April 21, 2021 for the above-referenced project. A copy of the notes from that meeting and the sign-in sheet are enclosed with this Addendum.

The following are clarifications and responses to questions provided prior to the conference, at the conference, and after the conference until the close of questions at noon on Friday, April 30, 2021.

Attention is directed to the fact that while information provided in this Addendum may reference specific locations in the Plans and Specifications, the information provided shall be applied to all applicable locations in the Plans and Specifications.

Please acknowledge receipt of all Addenda in the Bid Opening Requirements and in the Bid Form.

A. GENERAL

1. **THE BID FORM HAS BEEN REVISED. YOU MUST USE THE REVISED BID FORM WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT.**

B. SPECIFICATIONS

CHANGES TO SPECIFICATIONS

None

C. DRAWINGS

CHANGES TO DRAWINGS

1. Plan Sheet 10 has been revised removing the post flushing hydrant. See Revised Plan Sheet 10 included with this Addendum #1.
2. The RECONNECTION DETAIL WITH EXISTING WATER METER AT OR NEAR PROPERTY LINE shown on Plan Sheet D7 has been modified. See Revised Plan Sheet D7 included with this Addendum #1.

D. QUESTIONS AND RESPONSES

QUESTION

1. With current projects having material delivery delays, will there be any consideration for additional time?

RESPONSE

Contractors are expected to be upfront when delay of materials are expected. The project team is aware that some materials are experiencing longer than normal lead times and the project team will consider adding additional time to the project or delay the Notice to Proceed based on the anticipated delivery date of materials. Documentation from suppliers regarding the material delays would be required.

QUESTION

2. Are there any provisions available to offset increasing material prices?

RESPONSE

Options were explored with the funding agency to reduce the contractor's risk when bidding the project due to increasing material prices. However, it was determined that no adjustment for material prices would be made in this project. The Contractor's Bid shall include material pricing good for the 90 day bid hold.

QUESTION

3. How much waterline is in the DOH right of way?

RESPONSE

The DOH permit submitted for this project included 25,023 feet of main water line and service tubing with the remaining footage being in private easements or City Streets.

QUESTION

4. Does the City have a good understanding of the existing utilities?

RESPONSE

The existing utilities shown in the project plans are based off visible indicators from field visits, Miss Utility Locates and as described hereafter. Base mapping was provided by Blue Mountain Aerial Mapping, part of The Thrasher Group, Inc. with photography dated 3-18-18 and 2 foot contour intervals. Property lines are approximate based upon current county tax maps. Water and sewer are approximate based on City of Pennsboro plans dated from 1967-1999 provided to The Thrasher Group, Inc. Gas lines are based on Consumer Gas Utility Company plans dated January 1982 provided to The Thrasher Group, Inc. Fiber optic are based on Lumos Networks markups dated 4/12/19 provided to The Thrasher Group, Inc and Segra Network Map at <https://www.segra.com/network/>.

QUESTION

5. Can the City isolate valves in the water system?

RESPONSE

Some valves in the system are inoperable. This is part of the reason for the replacement project. The Contractor is encouraged to communicate through the Engineer, to involve the City to identify operable valves in areas the Contractor is working.

QUESTION

6. How much AC pipe is known to be in the ground?

RESPONSE

All locations of AC pipe is unknown. However, at a minimum, it is believed that the main water line along Old Route 50 is believed to be AC pipe. Drawings provided indicate this is 8" AC pipe.

QUESTION

7. What is the requirement for backfill in the streets.

RESPONSE

Trench repair details are shown on Sheet D1. The individual Plan Sheets indicate the type of Trench Repair required. Where WVDOH Type A Trench Repair is shown on the Plan Sheets, repair shall follow the WVDOH Type "A-2" Trench Repair Detail.

QUESTION

8. Is bedding material required for the waterline or can excavated trench material be used as bedding?

RESPONSE

Refer to the Trench Detail on Sheet D1. Five inches of AASHTO #10 stone is required under the pipe and to be placed to the centerline of the pipe for the full width of the trench.

QUESTION

9. There are a lot of Miss Utility Conformation Numbers on the Sheet Layout. How old are they and are they for design purposes?

RESPONSE

These are the conformation numbers we received during the design. See the Response above for Question 4 above for further detail.

QUESTION

10. Does the temporary tank need to be the same size as the Industrial Park Tank that is being rehabilitated?

RESPONSE

Plan Sheet 31 incorrectly requires a minimum of 40,000 gallons of temporary storage. The project will require the contractor to supply 25,000 gallons in total storage utilizing two hydro pneumatic storage tanks. One tank will need to be placed at the existing water tank site and connected to the system through a 4" port that is on the distribution side of the isolation valve. A sensing line will need to connect to the existing transducer that is in the valve vault. The second tank can be placed at a fire hydrant and connected through a single 4" hose and a single 2-1/2" hose. We have worked with Michael Ritterbeck, Portable Water Systems LLC, to develop this requirement. Michael's contact info is as follows, Office 330-756-4009, Cell 330-206-1522 and email mritterbeck@cpstankassist.com. There may be other companies available who can also offer this service.

QUESTION

11. Is the temporary storage tank included with the allowance?

RESPONSE

No. Plan Sheet 31 details what is included in the allowances for Bid Item #52 and Bid Item #52A. Bid Item #51 on the Bid Form shall have a unit price listed by the contractors bidding the project. This shall include the items listed on Plan Sheet 31 under Bid Item #51 and including all other incidental work associated with taking the tank out of service and putting the tank back in service.

QUESTION

12. Can the contractor reach out to the City Utility Crew if they have any questions?

RESPONSE

Yes. The contact information for the Pennsboro Water System Maintenance Crew is Ray who can be contacted at 304.266.0012.

QUESTION

13. Will working hour restrictions be in effect for this project?

RESPONSE

Working hours are addressed in General Conditions Article 7.02 as amended by Supplemental Conditions Article 7.02.B.

QUESTION

14. Is the Project Owner exempt from West Virginia state sales and use taxes on material and equipment to be incorporated in the Work?

RESPONSE

Yes. The Project Owner's Certificate of Tax Exemption will be provided to the successful Bidder. See Instruction to Bidders Article 22. Also see General Conditions Article 7.09 as amended by Supplemental General Conditions Article SC 7.09.

QUESTION

15. If the service lines show bore and jack, can they be horizontally directional drilled?

RESPONSE

Horizontal directional drilled service line would be acceptable. Any additional easement/permission that may be required due to the larger equipment would be the responsibility of the contractor to obtain.

QUESTION

16. On the stream crossing on Plan Sheet 2, how much DI CL 52 is required?

RESPONSE

Approximately 60 LF of 8" D.I. CL 52 water line is scheduled for this stream crossing starting the 90-degree fitting on the east side of the stream to the second 45-degree fitting on the west side of the stream.

QUESTION

17. Will abatement be required for waterlines with Asbestos Containing Materials (ACM)?

RESPONSE

The intent of this project is to construct the new water lines and appurtenances while keeping the existing water lines in service. It is the intent that the bulk of ACM will be abandoned in place and left undisturbed. There will likely be some tie-ins and cut and caps that that may include ACM. The contractor shall include abatement pricing in the unit price bid items for tie-ins and cut and caps and is otherwise to be considered incidental to the work.

QUESTION

18. What type of meters are required for the Leak Detection Meters? Specification 331213 Section 2.4 is unclear.

RESPONSE

Technical Specification Section 331113 is for water distribution piping. The meter section in this spec is for distribution metering which is not applicable to this project. The Specification the Contractor should refer to for the customer services and leak detection meters is 331213 Section 2.4 - Water Service Connections included in Section 2.4.

The existing meters are Hersey (Mueller Systems) 5/8"x1/2" Model 420B.

E. CLARIFICATIONS

1. The Engineer shall perform the pre-construction video recording. However, the Contractor will be responsible for recording any areas that does not have water line replacement shown. This would include streets, driveways, etc. used for access that does not have construction near it and other areas such as waste sites and storage areas. The video shall document the condition of foundations, walls, structures, roads etc. This work shall be incidental to Mobilization. No additional compensation shall be made.
2. The Contractor shall employ the services of approved testing laboratory services for performing quality testing and compaction required in the WV DOH rights-of-way and as requested by the Engineer. This work shall be incidental to the items of work for which the quality testing and compaction is required. No additional compensation shall be made.

Thank you for your interest in this project.

Sincerely,

THE THRASHER GROUP, INC.



4/30/2021

STEVEN V. BUCHANAN, PE, PS

Enclosures: Non-mandatory Pre-Bid Conference Notes with Enclosures
Plan Holder Report as of 4/30/2021
Revised Bid Form
Revised Plan Sheet 10
Revised Sheet D7

CITY OF PENNSBORO

**422 Main Street
Pennsboro, WV 26415
Phone: (304) 659-2377
Fax: (304) 659-3309**

WATER SYSTEM IMPROVEMENTS PROJECT

THE THRASHER GROUP, INC.

**PO Box 940
Bridgeport, WV 26330
Telephone # (304) 624-4108
Fax # (304) 624-7831**

PRE-BID CONFERENCE NOTES

Wednesday, April 21, 2021 at 10:00 am

PROJECT LOCATION: Ritchie County, West Virginia

ENGINEER'S PROJECT #: 101-010-1141

DATE OF CONFERENCE: Wednesday, April 21, 2021 at 10:00 am, LPT

CONFERENCE LOCATION: City of Pennsboro
422 Main Street
Pennsboro, WV 26415

PRE-BID CONFERENCE NOTES

I. Introductions

The attached sign-in sheet documents all attendees.

II. General Project Description

The project was generally described as per the Advertisement for Bids.

III. General Bidding Information

- a. General – As per the Advertisement for Bids, bids are due to the City of Pennsboro by 2:00 P.M., LPT, on Wednesday, May 12, 2021. The bids will be publicly opened and read aloud at that time.
- b. Bid Opening Requirements – Described as per the Contract Documents and Detailed Specifications. These are the blue sheets if you have purchased hard copies.
- c. Bid Form – Described as per the yellow sheets in the Contract Documents and Detailed Specifications if hard copies were purchased. There are two Deductive Alternatives. The Unit Prices used in the Deductive Alternates must be the same unit prices used in the Base Bid. Steve Haynes provided a quick explanation on how to fill out the Bid form.
- d. Bid Item #52 is an allowance for work to be completed by Mid Atlantic Storage Systems, Inc.(MASSI) and that cost has already been written in on the bid form. Bid Item #52A is an optional allowance. Once the tank is drained and inspected, it will be decided then if the work associated with Bid Item #52A will be completed. Ryan Lynch from MASSI attended the Pre-Bid Conferences and said MASSI is not bidding the water line replacement portion of the project. He can be reached at 740.604.2850 or Ryan@midatlanticstorage.com for any questions in regards to the allowance work. Ryan stated that his work is anticipated to take approximately 1.5 weeks for the interior work and then additional time for curing. Ryan stated that 30 days should be sufficient to complete all of the allowance work.
- e. Method of Award – Contingent upon sufficient funding for the project, the Owner may elect to award the contract to the lowest qualified Bidder on the basis of the total bid. If sufficient funding is not available to award the contract on the total bid, Deductive Alternates will be subtracted in numerical order in the contract to produce the lowest bid within the funds available for financing.

- IV. Details of Project
- a. Construction Sequence of Events – Described as per the Project Notes Sheet in the Plans. When the Industrial Park Tank is out of service the Contractor will not be permitted to flush lines with the limited storage in the system.
 - b. Material and Equipment – A general description was provided as per the Bid Forms.
 - c. Prevailing Wages are **NOT** required– Federal Davis-Bacon Wage Rates are **NOT** required for this project. This project is Funded through the IJDC Infrastructure Jobs Development Council and do not require Davis-Bacon Wage Rates.
- V. Submittals – Required for all materials used for the project as per Specification Sections 013300. Electronic or hard copies of submittals will be accepted. If hard copies are submitted, provide six (6) copies of all submittals. Three will be returned to the contractor, and one copy each to the Owner, RPR and Engineer.
- VI. Permits – All required permits have been applied for by the owner and received with the exception of the DOH Permit. We have verbal permission of the plans and will be submitting the DOH Permit next week.
- a. The Town has paid all cost associated with obtaining the permits including the DOH inspection fees.
- VII. B & O Taxes/Building Permits –
- a. No Business and Occupation taxes are required by the City of Pennsboro.
 - b. No Building Permits or City Licenses are required by the City of Pennsboro.
- VIII. Office Trailer and Equipment, Storage Area, and Disposal Area
- a. An office trailer is required for this project. It will be paid for under Mobilization/Demobilization. See Section 012000 for measurement and payment for Mobilization/Demobilization.
 - b. The Contractor is responsible for securing a storage area. There is City owned property located at the end of Water Plant Road on Plan Sheet 30 but is likely not a large enough area to accommodate all materials. Halls Drilling was present for the Pre-bid and stated they were not bidding on the project, but they were available to offer their services to the bidding contractors that included storage

facilities in the area. Their contact information is included on the attached Sign In Sheet.

- c. The Contractor is responsible for securing an approvable disposal area. The contractor shall notify the engineer of all proposed disposal areas so they can be included in the modification to the WV DEP Storm Water Permit.
- IX. Addressing Questions – All questions shall be written and provided to Steve Haynes by fax (304-624-7831) or email at shaynes@thethrashergroup.com. The close of questions shall be 12:00 noon on Friday, April 30, 2021. All answers shall be provided in writing via Addenda.
- X. Addendum – At least one (1) Addendum will be written and supplied to all plan holders. Any and all Addenda shall be acknowledged by the Contractor on Page BOR-4 as well as Article 3.01 on the Bid Form.
- XI. Funding Agency – Infrastructure Jobs Development Council (IJDC) – not present
- XII. Project Administrator – The following information was described by Mid-Ohio Valley Regional Council (MOVRC), John Isner.
- a. Weekly certified payrolls are required to be sent to John Isner at MOVRC. John's contact information is below:
John Isner, JD
Project Coordinator
Mid-Ohio Valley Regional Council
304-422-4993 ext. 105
- XIII. Owner – The following information was described by the Owner:
- a. Project area cleanup is extremely important. All disturbed area shall be restored to conditions equal to or better than before construction begins. Restoration shall be performed in a timely basis as directed by the Engineer. Pre-construction photo/video documentation will be made by the Engineer and will be relied upon to establish pre-construction conditions. The contractor is encouraged to photo or video any areas that they feel will be controversial and are required to document the current conditions of yards, roads etc. that will be used by the contractor outside of the proposed path of the waterline.
 - b. Be courteous and cautious to residents in the area. The contractor shall provide two days' notice of when streets/driveways will be closed so arrangements can be made to have vehicles moved prior to the start of work in that area.

- c. The Contractor shall provide accurate red-lined record/as-built drawings. These drawings shall be updated each day and shall be provided to the Owner as part of project close-out.

XIV. Questions and Answers: These are included in the questions and answers in Addendum #1.

XV. Site Visit –

Sincerely,

THE THRASHER GROUP, INC.



STEVE HAYNES, EI
Enclosures – Pre-Bid Sign-in Sheet

**CITY OF PENNSBORO
 RITCHIE COUNTY, WEST VIRGINIA
 WATER SYSTEM IMPROVEMENTS PROJECT**

**PRE-BID CONFERENCE
 Wednesday, April 21, 2021**

Thrasher Project #101-010-1141

| Name | Representing | Phone # | Email Address |
|--------------|-------------------------|--------------|------------------------------|
| Steve Haynes | The Thrasher Group | 304 624-4108 | shaynes@thethrashergroup.com |
| Matt Haynes | The Thrasher Group | 304-624-4108 | MHaynes@thethrashergroup.com |
| Rory Hill | Hill's Contracting Inc. | 304.472.6400 | rhill@cebridge.net |
| Mark Stolle | FOSTER | 304.200.7008 | mark@fostersupply.com |
| Ryan Lynch | MID ATLANTIC | 740-604-2850 | ryan@midatlanticstorage.com |
| Rob LaFon | Fanco Inc | 304 529 3328 | rob.lafon@comcast.net |
| Dennis Pitts | East Coast Underground | 304-209-7412 | dpitts@ecu-wva.com |
| Tim Carr | J.F. ALLEN CO. | 304 614-3179 | tcarr@jfallenco.com |
| John Isner | MOVRC | 304-422-4943 | john.isner@movrc.org |

| Name | Representing | Phone # | Email Address |
|---------------|----------------|--------------|------------------------------|
| Loren Sellers | Halls Drilling | 304 588 0088 | |
| John Gaston | Hall Drilling | 304 966 1902 | John.Gaston@HallDrilling.com |
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Plan Holder Report as of 04/30/2021 12:34:27 PM EDT
The Thrasher Group, Inc.

City of Pennsboro Water System Improvements (eBidDoc #7747644)

Contact: Steve Haynes

Phone: 304-624-4108

E-mail: shaynes@thethrashergruop.com

Bid Date: 05/12/2021 02:00 PM EDT

[Help](#)

| Company | Contact | Designation | Bus. Types | Entry Date | Doc Type | Comments |
|--|--------------------|----------------------|------------|------------|----------|----------|
| J.F. Allen Company; Buckhannon, WV | Tony Closson | Construction Manager | | 04/08/2021 | eBidDoc | |
| Central Painting & Sandblasting, Inc.; NAVARRE, OH | Jamie Atkinson | Subcontractor | | 04/08/2021 | eBidDoc | |
| Dodge Data & Analytics Next Member Numbe; Grand Prairie, TX | Adam Bouman | Plan Room | DBE | 04/08/2021 | eBidDoc | |
| Famco Inc; Huntington, WV | Dick Smalles | Prime Bidder | | 04/12/2021 | Paper | |
| Pro Contracting, Inc.; Lost Creek, WV | Brian Reger | Prime Bidder | | 04/12/2021 | Paper | |
| East Coast Underground, LLC; Bridgeport, WV | Rezin Hudkins, III | Prime Bidder | | 04/12/2021 | Paper | |
| Ampeco, Inc.; Charleston, WV | Les Putillion | Prime Bidder | | 04/12/2021 | Paper | |
| Mid Atlantic Storage Systems, Inc.; Washington Court House, OH | Nancy Ellis | Subcontractor | | 04/12/2021 | eBidDoc | |
| ConstructConnect; Cincinnati, OH | Eric Mills | Plan Room | | 04/13/2021 | eBidDoc | |
| Stonagate Construction Inc.; Belpre, OH | Bernie Dunlap | Prime Bidder | | 04/15/2021 | Paper | |
| MOUNTAIN HAUS PROPERTIES, INC; Charleston, WV | Mike Jarrett | Prime Bidder | | 04/19/2021 | eBidDoc | |
| Glenn Johnston, Inc; McKeesport, PA | Cara Johnston | Prime Bidder | | 04/22/2021 | Paper | |
| The Menji Group; South Point, OH | Mike Enyart | Prime Bidder | | 04/27/2021 | eBidDoc | |
| Chojnacki Construction Inc.; Hamlin, WV | Andrew Chojnacki | Prime Bidder | SBE | 04/27/2021 | eBidDoc | |
| D&M Contracting, Inc.; New Alexandria, PA | Chris Gallick | Prime Bidder | | 04/27/2021 | Paper | |

[Print](#)

**CITY OF PENNSBORO
RITCHIE COUNTY, WEST VIRGINIA
WATER SYSTEM IMPROVEMENTS PROJECT
THRASHER PROJECT #101-010-1141**

BID FORM

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

*City of Pennsboro
422 Main Street
Pennsboro, WV 26415*

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

| <u>Addendum No.</u> | <u>Addendum Date</u> |
|---------------------|----------------------|
|---------------------|----------------------|

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous

Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. 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;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

GENERAL

The Bidder shall take notice of and shall be responsible for any local or state taxes levied and applicable, and the cost for the same shall be included as part of the submitted Bid.

The total Bid cost stated includes a complete operating installation including furnishing and installation of any and all changes or additions in plans, piping, mechanical work, additional electrical work, accessories, controls, etc. necessary to accommodate alternative equipment systems or materials used in construction.

BID PROPOSAL

The Bidder agrees to perform all required Work described in the detailed Specifications and as shown on the Plans for the complete construction and placing in satisfactory operation the Waste Water System Improvements Project. The Project "Sequence of Construction" has been detailed in the Drawings and Specification Division 1, Project Summary, Section 1010, Part-2 Execution. The Bidder agrees to perform all the Work proposed for the total of the following Bid prices.

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

**PROPOSED
 WATER SYSTEM IMPROVEMENTS PROJECT
 FOR THE
 CITY OF PENNSBORO
 RITCHIE COUNTY, WEST VIRGINIA**

BID SCHEDULE

NOTE: Bid Unit PRICE amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern. Bids shall include sales tax and all other applicable taxes and fees.

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|-------------|-----------------|--|-------------------|--------------------|
| 1 | 1 | Mobilization/Demobilization | | |
| | LS | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 2 | 1 | Erosion and Sediment Control | | |
| | LS | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|--------------|---|--|--------------------|
| 3 | 10,400 LF | 8" PVC C-900 DR-14 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 4 | 8,250 LF | 8" PVC C-900 DR-18 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 5 | 450 LF | 8" DI CL52 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 6 | 350 LF | 8" HDPE DR-11 Water Line (Horizontal Directional Drill) _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 7 | 8,450 LF | 6" PVC C-900 DR-14 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 8 | 1,100 LF | 6" PVC C-900 DR-18 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 9 | 175 LF | 6" DI CL52 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 10 | 80 LF | 4" PVC C-900 DR-18 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 11 | 1,600 LF | 2" PVC SDR-13.5 CL-315 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|----------|---|------------|-------------|
| 12 | 275 | 2" HDPE DR-11 Water Line (Horizontal Directional Drill) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 13 | 170 | 16" Steel Casing (Bore and Jack) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 14 | 280 | 16" Steel Casing (Open Cut) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 15 | 60 | 12" Steel Casing (Bore and Jack) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 16 | 60 | 12" Steel Casing (Open Cut) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 17 | 40 | 4" Steel Casing (Open Cut) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 18 | 900 | 3/4" SDR-9 Service Tubing with Casing (Open Cut) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 19 | 4,500 | 3/4" SDR-9 Service Tubing (Open Cut) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |
| 20 | 1,000 | 3/4" SDR-9 Service Tubing (Bore and Jack) | | |
| | LF | _____ Dollars | | |
| | | _____ Cents | | |
| | | (Words) | (Figures) | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|-------------|--|------------------|-------------|
| 21 | 350 LF | 1" SDR-9 Service Tubing with Casing (Open Cut) | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |
| 22 | 2,000 LF | 1" SDR-9 Service Tubing (Open Cut) | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |
| 23 | 400 LF | 1" SDR-9 Service Tubing (Bore and Jack) | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |
| 24 | 150 LF | 1" SDR-9 Service Tubing (Horizontal Directional Drill) | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |
| 25 | 160 EA | 5/8" Low Pressure Meter Setting | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |
| 26 | 50 EA | 5/8" Low Pressure Meter Setting (Reuse Existing Meter) | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |
| 27 | 3 EA | 1" Low Pressure Meter Setting | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |
| 28 | 7 EA | Leak Detection Meter Setting | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |
| 29 | 29 EA | 8" Gate Valve | Dollars Cents | (Figures) |
| | | (Words) | (Figures) | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|----------|---|--|--------------------|
| 30 | 36 EA | 6" Gate Valve _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 31 | 8 EA | 1" Curb Stop _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 32 | 11 EA | 2" Branch Connection _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 33 | 3 EA | Tie New 8" Water Line into Existing 8" Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 34 | 6 EA | Tie New 6" Water Line into Existing 6" Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 35 | 1 EA | Tie New 4" Water Line into Existing 4" Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 36 | 5 EA | Tie New 2" Water Line into Existing 2" Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 37 | 2 EA | Tie New 8" Water Line into Existing 6" Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 38 | 1 EA | 8" Hot Tap Existing 8" Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|----------|---|-----------------------------------|-----------------------|
| 39 | 1 EA | 8" Hot Tap Existing 10" Water Line _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 40 | 4 EA | Concrete Anchor _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 41 | 1 EA | Cut and Cap Existing 10" Water Line _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 42 | 6 EA | Cut and Cap Existing 8" Water Line _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 43 | 9 EA | Cut and Cap Existing 6" Water Line _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 44 | 1 EA | Cut and Cap Existing 4" Water Line _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 45 | 5 EA | Cut and Cap Existing 2" Water Line _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 46 | 35 EA | Demolish Existing Gate Valve _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 47 | 43 EA | Fire Hydrant Assembly _____ (Words) | Dollars Cents (Figures) | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|----------|---|--------------------------------|--------------------------------|
| 48 | 2 | Remove Existing Fire Hydrant Assembly | | |
| | EA | _____ Dollars _____ Cents (Words) | _____ _____ (Figures) | _____ _____ (Figures) |
| 49 | 37 | Demolish Existing Fire Hydrant Assembly | | |
| | EA | _____ Dollars _____ Cents (Words) | _____ _____ (Figures) | _____ _____ (Figures) |
| 50 | 5 | 2" Post Flushing Hydrant Assembly | | |
| | EA | _____ Dollars _____ Cents (Words) | _____ _____ (Figures) | _____ _____ (Figures) |
| 51 | 1 | Industrial Park Water Storage Tank Rehabilitation | | |
| | LS | _____ Dollars _____ Cents (Words) | _____ _____ (Figures) | _____ _____ (Figures) |
| 52 | 1 | Allowance – Industrial Park Water Storage Tank Rehabilitation | | |
| | LS | Sixty-Five Thousand _____ Dollars Zero _____ Cents (Words) | \$65,000 _____ (Figures) | \$65,000 _____ (Figures) |
| 52A | 1 | Allowance – Industrial Park Water Storage Tank Rehabilitation – Option #3 | | |
| | LS | Five Thousand Eight Hundred _____ Dollars Zero _____ Cents (Words) | \$5,800 _____ (Figures) | \$5,800 _____ (Figures) |
| 53 | 1,500 | WVDOH Type "A" Trench Repair | | |
| | LF | _____ Dollars _____ Cents (Words) | _____ _____ (Figures) | _____ _____ (Figures) |
| 54 | 7,000 | WVDOH Type "B" Trench Repair | | |
| | LF | _____ Dollars _____ Cents (Words) | _____ _____ (Figures) | _____ _____ (Figures) |
| 55 | 6,800 | WVDOH Type "C" Trench Repair | | |
| | LF | _____ Dollars _____ Cents (Words) | _____ _____ (Figures) | _____ _____ (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|--------------|---|-----------------------------------|-----------------------|
| 56 | 2,400 LF | Concrete Sidewalk/Driveway Repair _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 57 | 525 LF | Temporary Sidewalk Repair _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 58 | 1,000 TN | 2" HMA Mill and Overlay _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 59 | 60,000 SF | 2" Gravel Drive Overlay _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 60 | 230 LF | Stream Bank Slope Protection _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 61 | 400 LF | Rock Lined Ditch _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 62 | 1,000 LBS | Ductile Iron Fittings Not Shown on Plans _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 63 | 30 EA | Test Pit _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 64 | 50 LF | 8" or Larger Diameter Drain Line Repair _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|----------|--|------------|-------------|
| 65 | 100 | 6" or Smaller Diameter Drain Line Repair | | |
| | LF | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |

TOTAL BID: _____
 _____ (Words)
 _____ (\$ _____)
 _____ (Words) _____ (Figures)

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

NOTE: THE CONTRACTOR'S UNIT PRICES SHALL INCLUDE PURCHASE AND INSTALLATION, COMPLETE IN PLACE, PER BID ITEM IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS.

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) 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 Contract Documents.

METHOD OF AWARD

If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceed such amount, the Owner may reject all bids.

The owner may award the contract on the Total Bid submitted by a qualified, responsive, responsible Bidder less the amount(s) of the Deductive Alternate(s) subtracted in numerical order, as listed in the contract to produce the lowest bid within the funds available for financing.

- A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.
- 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 Contract Documents.

ORDER OF DEDUCTIVE ALTERNATIVES

NOTICE TO BIDDER: Unit prices used in Deductive Alternates must be the same unit prices used in the Bid.

DEDUCTIVE ALTERNATE #1 – Plan Sheets 19 (partial) through 23 (partial) – Pullman Drive

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|-------------|-----------------|---|--|--------------------|
| 4 | 2,825 LF | 8" PVC C-900 DR-18 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 11 | 160 LF | 2" PVC SDR-13.5 CL-315 Water Line _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 13 | 25 LF | 16" Steel Casing (Bore and Jack) _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 14 | 80 LF | 16" Steel Casing (Open Cut) _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 17 | 15 LF | 4" Steel Casing (Open Cut) _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 19 | 475 LF | 3/4" SDR-9 Service Tubing (Open Cut) _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 20 | 250 LF | 3/4" SDR-9 Service Tubing (Bore and Jack) _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |
| 21 | 100 LF | 1" SDR-9 Service Tubing with (Open Cut) _____ (Words) | Dollars Cents _____ (Figures) | _____ (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|-----------|---|------------------|-------------|
| 22 | 555 LF | 1" SDR-9 Service Tubing (Open Cut) | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |
| 23 | 55 LF | 1" SDR-9 Service Tubing (Bore and Jack) | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |
| 25 | 28 EA | 5/8" Low Pressure Meter Setting | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |
| 27 | 1 EA | 1" Low Pressure Meter Setting | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |
| 29 | 5 EA | 8" Gate Valve | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |
| 31 | 2 EA | 1" Curb Stop | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |
| 32 | 2 EA | 2" Branch Connection | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |
| 36 | 1 EA | Tie New 2" Water Line into Existing 2" Water Line | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |
| 45 | 1 EA | Cut and Cap Existing 2" Water Line | Dollars Cents | (Figures) |
| | | (Words) | | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|-------------|--|---|-----------------------------|
| 47 | 4 EA | Fire Hydrant Assembly _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |
| 49 | 3 EA | Demolish Existing Fire Hydrant Assembly _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |
| 50 | 1 EA | 2" Post Flushing Hydrant Assembly _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |
| 53 | 75 LF | WVDOH Type "A" Trench Repair _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |
| 54 | 360 LF | WVDOH Type "B" Trench Repair _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |
| 55 | 1,155 LF | WVDOH Type "C" Trench Repair _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |
| 56 | 5 LF | Concrete Sidewalk/Driveway Repair _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |
| 58 | 28 TN | 2" HMA Mill and Overlay _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |
| 59 | 3,300 SF | 2" Gravel Drive Overlay _____ _____ (Words) | Dollars Cents _____ _____ (Figures) | _____ _____ (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|-------------------------------------|----------|-------------------------------------|------------|-------------|
| 60 | 15 | Stream Bank Slope Protection | | |
| | LF | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |
| TOTAL DEDUCTIVE ALTERNATE #1 | | | | |
| | | (Words) | | |
| | | (\$ | |) |
| | (Words) | | (Figures) | |

DEDUCTIVE ALTERNATE #2 – Plan Sheets #23 (partial) through #30 – Old US 50 to Old WTP

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|----------|--|------------|-------------|
| 3 | 3,305 | 8" PVC C-900 DR-14 Water Line | | |
| | LF | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |
| 4 | 2,990 | 8" PVC C-900 DR-18 Water Line | | |
| | LF | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |
| 5 | 150 | 8" DI CL52 Water Line | | |
| | LF | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |
| 13 | 90 | 16" Steel Casing (Bore and Jack) | | |
| | LF | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |
| 18 | 60 | 3/4" SDR-9 Service Tubing with Casing (Open Cut) | | |
| | LF | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |
| 19 | 285 | 3/4" SDR-9 Service Tubing (Open Cut) | | |
| | LF | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|------|-----------|--|-------------------------------|-------------|
| 20 | 145 LF | 3/4" SDR-9 Service Tubing (Bore and Jack) _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 21 | 35 LF | 1" SDR-9 Service Tubing with Casing (Open Cut) _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 22 | 20 LF | 1" SDR-9 Service Tubing (Open Cut) _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 23 | 30 LF | 1" SDR-9 Service Tubing (Bore and Jack) _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 25 | 17 EA | 5/8" Low Pressure Meter Setting _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 28 | 2 EA | Leak Detection Meter Setting _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 29 | 7 EA | 8" Gate Valve _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 33 | 1 EA | Tie New 8" Water Line into Existing 8" Water Line _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 34 | 1 EA | Tie New 6" Water Line into Existing 6" Water Line _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|-------------|-----------------|--|-----------------------------------|-----------------------|
| 37 | 1 EA | Tie New 8" Water Line into Existing 6" Water Line _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 42 | 1 EA | Cut and Cap Existing 8" Water Line _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 43 | 2 EA | Cut and Cap Existing 6" Water Line _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 47 | 6 EA | Fire Hydrant Assembly _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 49 | 3 EA | Demolish Existing Fire Hydrant Assembly _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 54 | 110 LF | WVDOH Type "B" Trench Repair _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 55 | 700 LF | WVDOH Type "C" Trench Repair _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 56 | 270 LF | Concrete Sidewalk/Driveway Repair _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |
| 60 | 55 LF | Stream Bank Slope Protection _____ _____ (Words) | Dollars Cents (Figures) | (Figures) |

| Item | Quantity | Description with Unit Price Written | Unit Price | Total Price |
|-------------------------------------|-----------------|--|-------------------|--------------------|
| 61 | 160 LF | Rock Lined Ditch | | |
| | | | Dollars | |
| | | | Cents | |
| | | (Words) | (Figures) | (Figures) |
| TOTAL DEDUCTIVE ALTERNATE #2 | | | | |
| | | (Words) | | |
| | | | (\$ |) |
| | (Words) | | (Figures) | |

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Bid Opening Requirements

ARTICLE 8 – DEFINED TERMS

- 8.01 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 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By: _____
[Signature]

[Printed name] _____
(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: _____
[Signature]

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

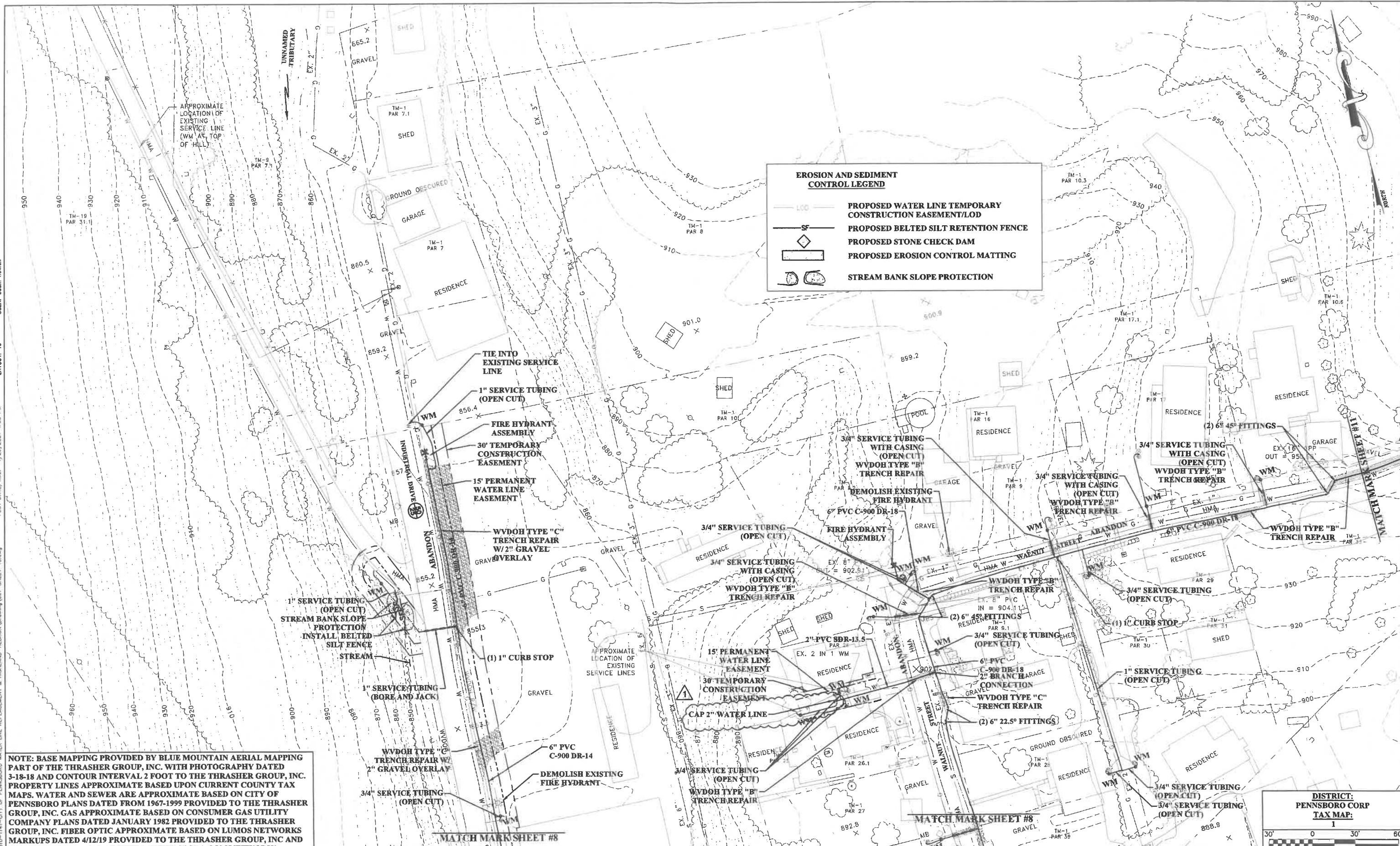
Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____
(where applicable)

NOTE TO USER: Use in those states or other jurisdictions where applicable or required.

CAD FILE: R:\07010-1141-CITY OF PENNSBORO WATER LINE REPLACEMENT & HIGHLAND-HEBRON DRAINAGE\001-SHEET-10.dwg
 PLOT DATE/TIME: 4/29/2021 4:36 PM
 LAYOUT: 10
 USER: odam newton



EROSION AND SEDIMENT CONTROL LEGEND

- PROPOSED WATER LINE TEMPORARY CONSTRUCTION EASEMENT/LOD
- PROPOSED BELTED SILT RETENTION FENCE
- PROPOSED STONE CHECK DAM
- PROPOSED EROSION CONTROL MATTING
- STREAM BANK SLOPE PROTECTION

NOTE: BASE MAPPING PROVIDED BY BLUE MOUNTAIN AERIAL MAPPING PART OF THE THRASHER GROUP, INC. WITH PHOTOGRAPHY DATED 3-18-18 AND CONTOUR INTERVAL 2 FOOT TO THE THRASHER GROUP, INC. PROPERTY LINES APPROXIMATE BASED UPON CURRENT COUNTY TAX MAPS. WATER AND SEWER ARE APPROXIMATE BASED ON CITY OF PENNSBORO PLANS DATED FROM 1967-1999 PROVIDED TO THE THRASHER GROUP, INC. GAS APPROXIMATE BASED ON CONSUMER GAS UTILITY COMPANY PLANS DATED JANUARY 1982 PROVIDED TO THE THRASHER GROUP, INC. FIBER OPTIC APPROXIMATE BASED ON LUMOS NETWORKS MARKUPS DATED 4/12/19 PROVIDED TO THE THRASHER GROUP, INC AND SEGRA NETWORK MAP AT [HTTPS://WWW.SEGRA.COM/NETWORK/](https://www.segra.com/network/).

| NO. | BY | DATE | DESCRIPTION |
|-----|----|----------|---|
| 1 | AN | 04/29/21 | ADDENDUM - REMOVED FLUSHING HYDRANT AND ADDED CAP |

WEST VIRGINIA 811

SCALE: AS SHOWN
 DRAWN: A. NEWLON/A.FRIEND DATE: 03/2021
 CHECKED: M. HAYES/S. HAYNES DATE: 03/2021
 APPROVED: S. BUCHANAN DATE: 03/2021
 SURVEY DATE:
 SURVEY BY:
 FIELD BOOK No.:

THRASHER

600 WHITE OAKS BLVD. P.O. BOX 940
 BRIDGEPORT WV 26330
 www.thrashergroup.com

PHONE (304) 624-4108 FAX (304) 624-7831

| | |
|--------------|--------------|
| PHASE No. | |
| CONTRACT No. | |
| PROJECT No. | 101-010-1141 |

**CITY OF PENNSBORO
 WATER SYSTEM IMPROVEMENTS
 RITCHIE COUNTY, WEST VIRGINIA**

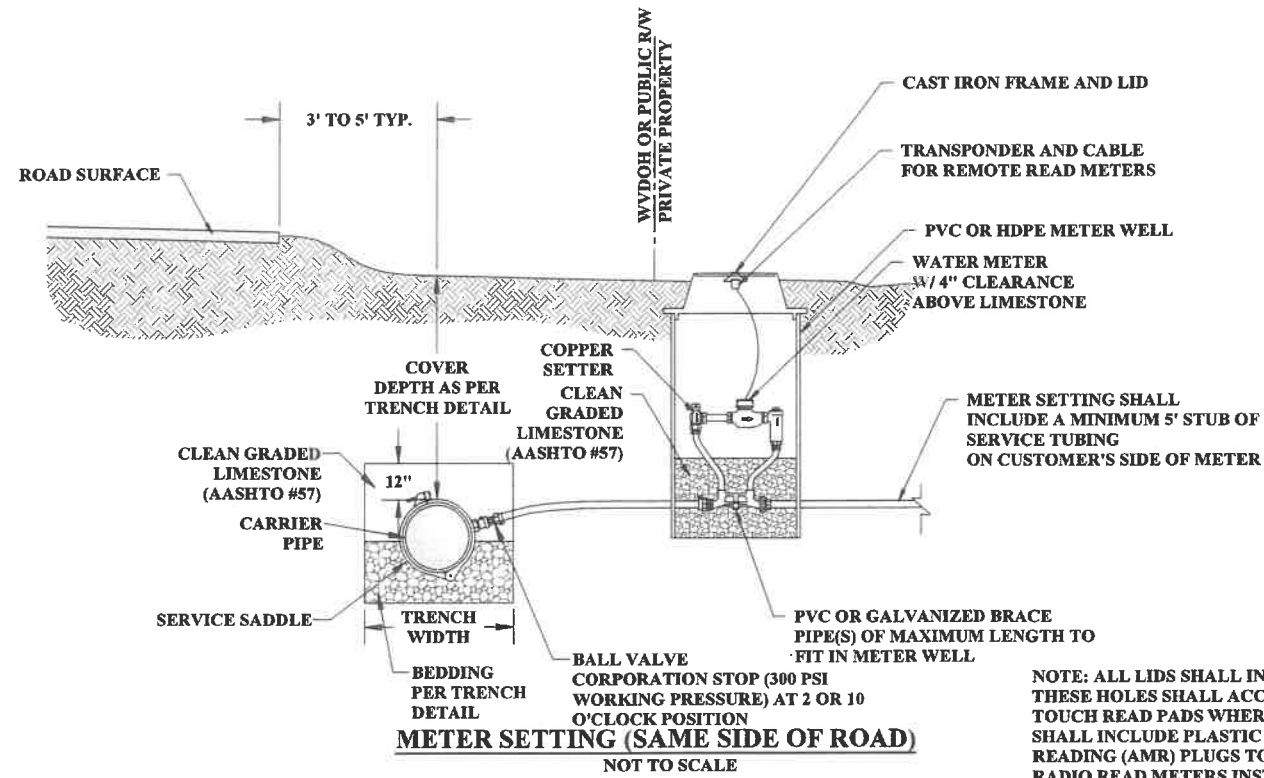
PLAN SHEET

DISTRICT:
 PENNSBORO CORP
 TAX MAP:
 1

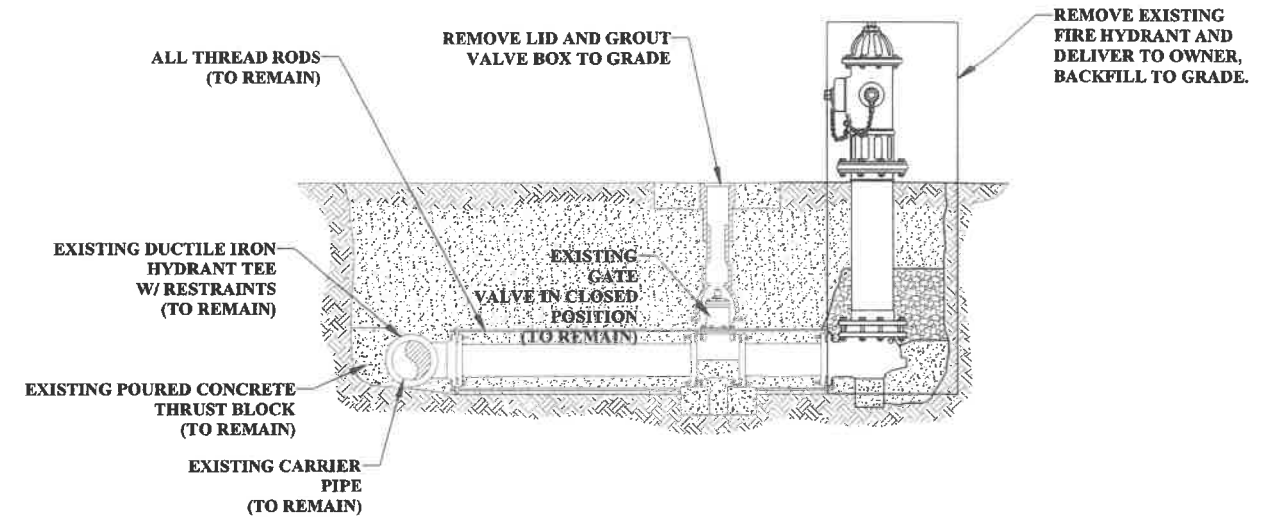
30' 0 30' 60'

SHEET No.
10

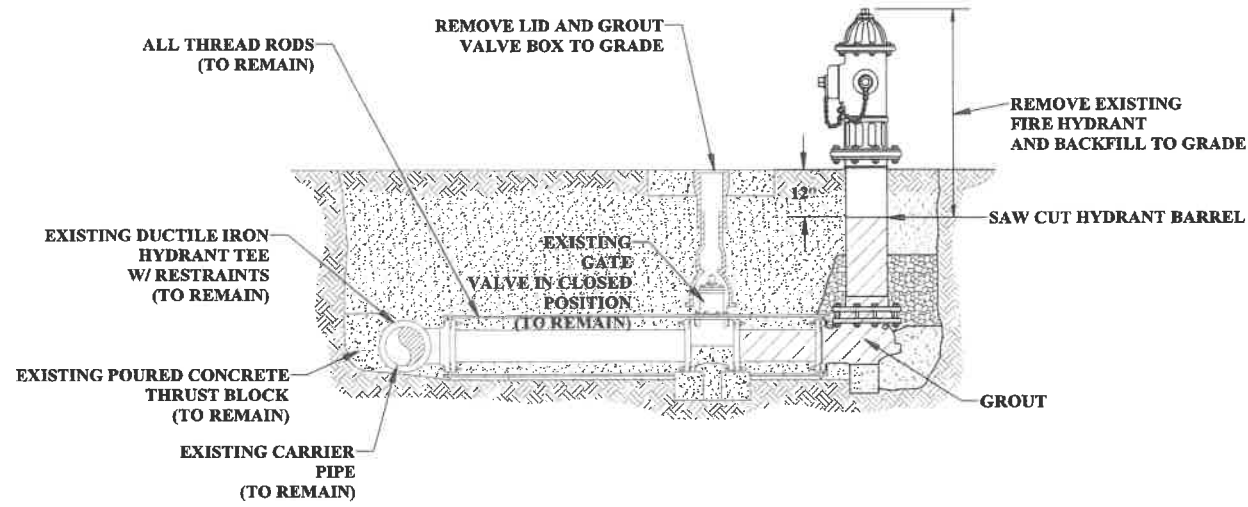
USER: adam newlon
 LAYOUT: D7
 PLOT DATE/TIME: 4/20/2021 7:53 AM
 CAD FILE: R:\1010\10-1141-CITY OF PENNSBORO WATER LINE REPLACEMENT & HIGHLAND-HEBROW DRAWING\002-Typical-water-details.dwg



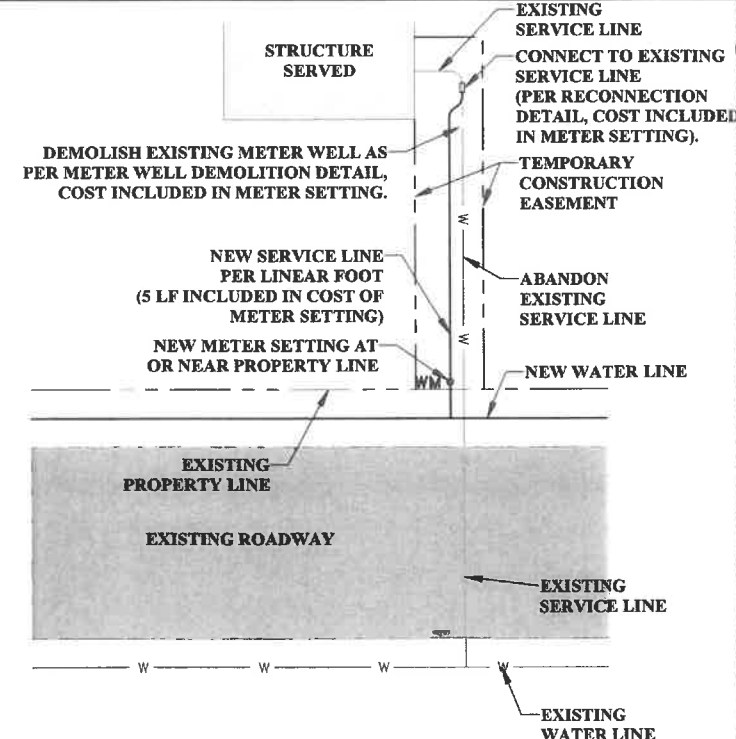
NOTE: ALL LIDS SHALL INCLUDE HOLES. THESE HOLES SHALL ACCOMMODATE TOUCH READ PADS WHERE REQUIRED OR SHALL INCLUDE PLASTIC AUTOMATIC READING (AMR) PLUGS TO ACCOMMODATE RADIO READ METERS INSTALLED AND/OR TRANSFERRED IN THIS PROJECT OR FUTURE METER UPGRADES.



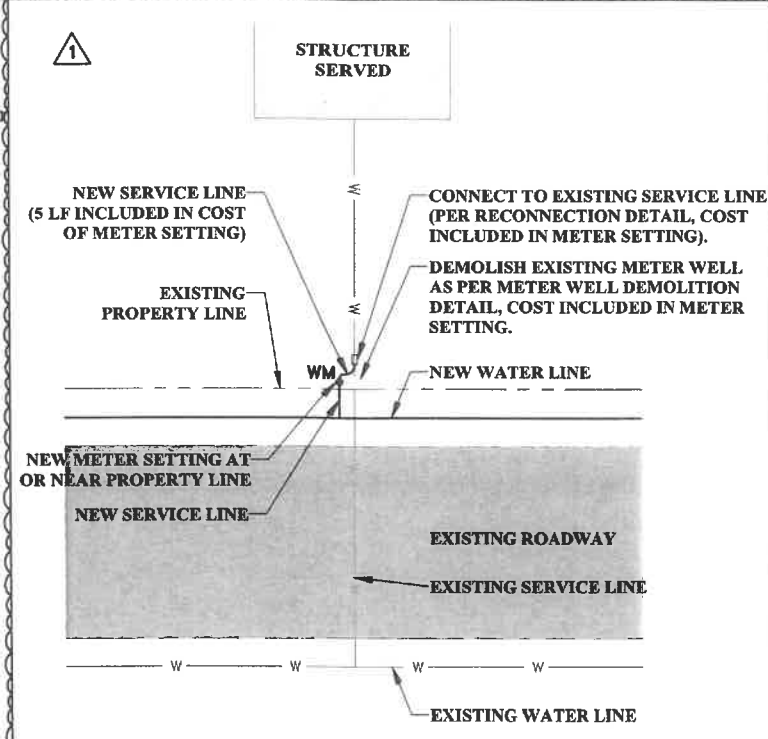
FIRE HYDRANT REMOVAL DETAIL
NOT TO SCALE



FIRE HYDRANT DEMOLITION DETAIL
NOT TO SCALE



RECONNECTION DETAIL WITH EXISTING WATER METER NOT NEAR PROPERTY LINE
NOT TO SCALE



RECONNECTION DETAIL WITH EXISTING WATER METER AT OR NEAR PROPERTY LINE
NOT TO SCALE

| | | | |
|-----|----|---------|---|
| 1 | AN | 4/30/21 | ADDENDUM #1 -- REMOVED TEMP EASEMENT AND ABANDON NOTE |
| NO. | BY | DATE | DESCRIPTION |



SCALE: AS SHOWN
 DRAWN: A. NEWLON/A.FRIEND DATE: 03/2021
 CHECKED: M. HAYES/S. HAYNES DATE: 03/2021
 APPROVED: S. BUCHANAN DATE: 03/2021
 SURVEY DATE:
 SURVEY BY:
 FIELD BOOK No.:

THRASHER
 600 WHITE OAKS BLVD. P.O. BOX 940
 BRIDGEPORT WV 26330
 www.thrashergroup.com
 PHONE (304) 624-4108 FAX (304) 624-7831

PHASE No.
 CONTRACT No.
 PROJECT No.
101-010-1141

CITY OF PENNSBORO
 WATER SYSTEM IMPROVEMENTS
 RITCHIE COUNTY, WEST VIRGINIA
WATER LINE DETAILS

SHEET No.
D7