

**DOCUMENT 00910**  
**ADDENDUM NUMBER 1**

DATE: February 12, 2021

PROJECT: High Level Booster Pump Station – DWSRF Project No. FS010069-05

OWNER: Hartselle Utilities  
Hartselle, Alabama

ENGINEER: CDG Engineers & Associates, Inc.  
6767 Old Madison Pike  
Suite 240  
Huntsville, Alabama 35806

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated January 2021.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

This Addendum consists of two (5) pages including this page.

**CHANGES TO THE PLANS:**

1. Sheet C-804 – Project Details
  - a. The 12” Mag Flow Meter & Vault shall have an internal piping size and main equipment nominal size of 12”.
  - b. A clearance of 18” shall be required to any pipe, valve, fitting, or meter assembly from the reinforced polypropylene steps.

**CHANGES TO THE SPECIFICATIONS:**

1. Bid Form
  - a. The Bid Form shall be removed and replaced by the Bid Form attached within this addendum.
2. Document 00105 Invitation to Bid
  - a. Paragraph 1 shall be amended to read as follows: Sealed bids will be received, opened, and publicly read by the Owner for the referenced Project. **The Owner will receive Bids until 2:00 PM on the 17th day of February 2021. The bid opening will be held at the offices of Hartselle Utilities, located at 1010 Sparkman Street NW, Hartselle, Alabama.**
  - b. Paragraph 5 shall be amended to read as follows: Bidders will be required to provide Bid security in the form of a Bid Bond or cashier’s check in the amount of a sum no less than five (5) percent of the Bid Price but not more than \$10,000.00.
3. Section 1200 – Price and Payment Procedures

- a. Section 1.7 C shall be amended as follows: **Item No. 5 & 5a – Steel Casing Pipe, Bored**  
- Includes all labor, equipment, and materials associated with excavation of pits (including rock excavation), protection of adjacent structures, installation of casing pipe, temporary fencing, carrier pipe, casing spacers, end seals, backfill, compaction, cleanup, traffic control, and all related items. Payment shall be made per linear foot of casing installed by bore.
- 4. Section 04100 – Pump Station Building - The following Sections shall be added to Section 4100:

## **2.10 DOWNSPOUTS AND GUTTERS**

- A. Eave gutters shall be suspended box sections supported at 3' – 0" on center and formed to match the configuration of the endwall flashing. Eave gutters shall have a minimum cross sectional area of 24 square inches.
- B. Downspouts shall be a minimum of 5" x 4" rectangular sections. Field connected downspout elbows shall be provided to divert water away from the building.

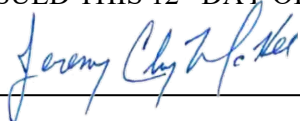
## **2.11 METAL SOFFIT PANELS**

- A. Products:
  - 1. Petersen Aluminum Corporation: PAC-750.
  - 2. Or Approved Equal.
- B. Profile: V-groove every 6" center to center.
- C. Material: Fabricated from aluminum sheet, ASTM B 209.
  - 1. Nominal Metal Thickness: 0.032 inch.
  - 2. Finish: Manufacturer's standard two-coat fluoropolymer system with color coat containing not less than 70 percent PVDF resin by weight.
  - 3. Color: As selected by Owner from manufacturer's full range of actual material samples. Printed color board will not be accepted

## **2.10 METAL AWNINGS**

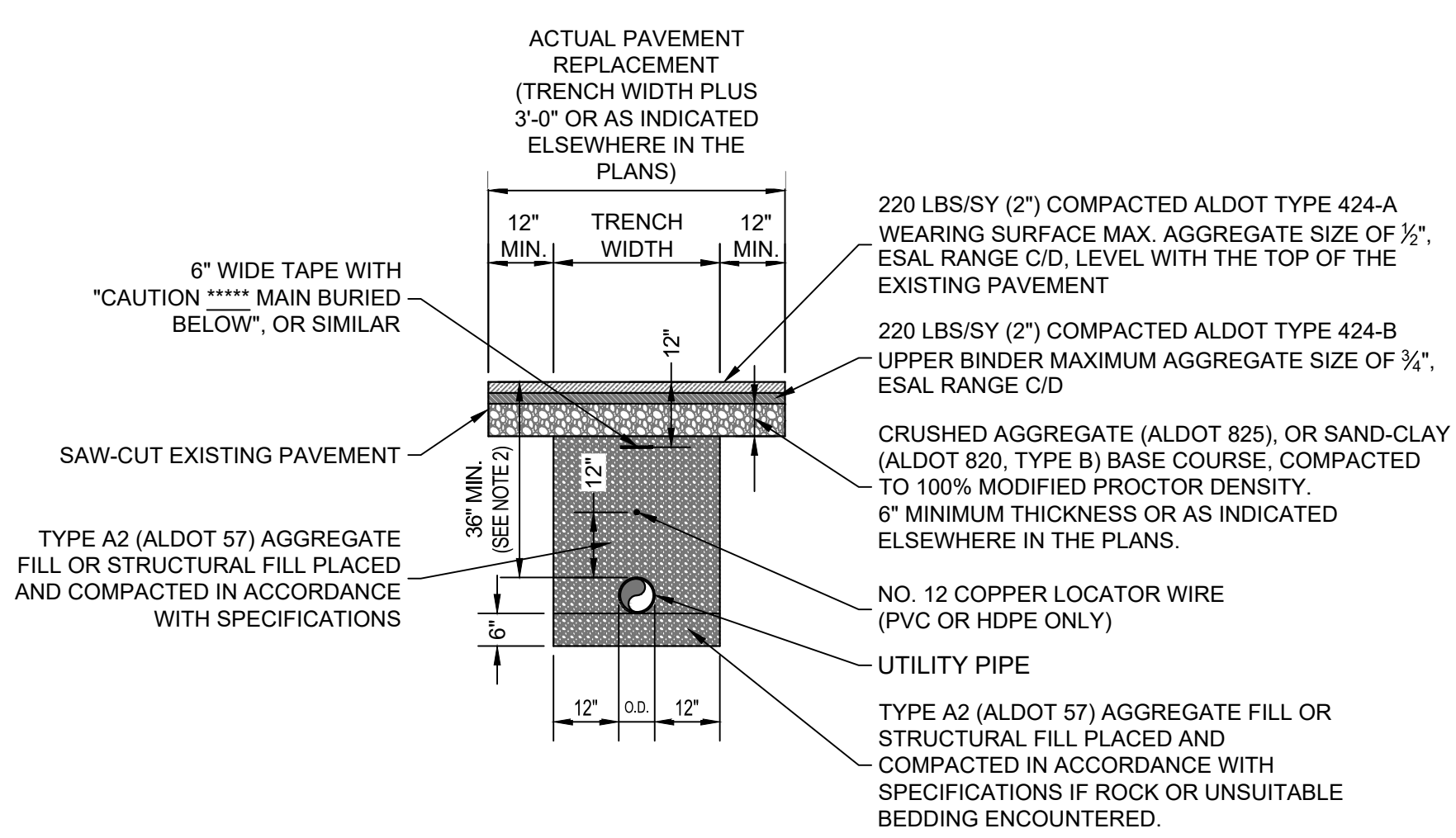
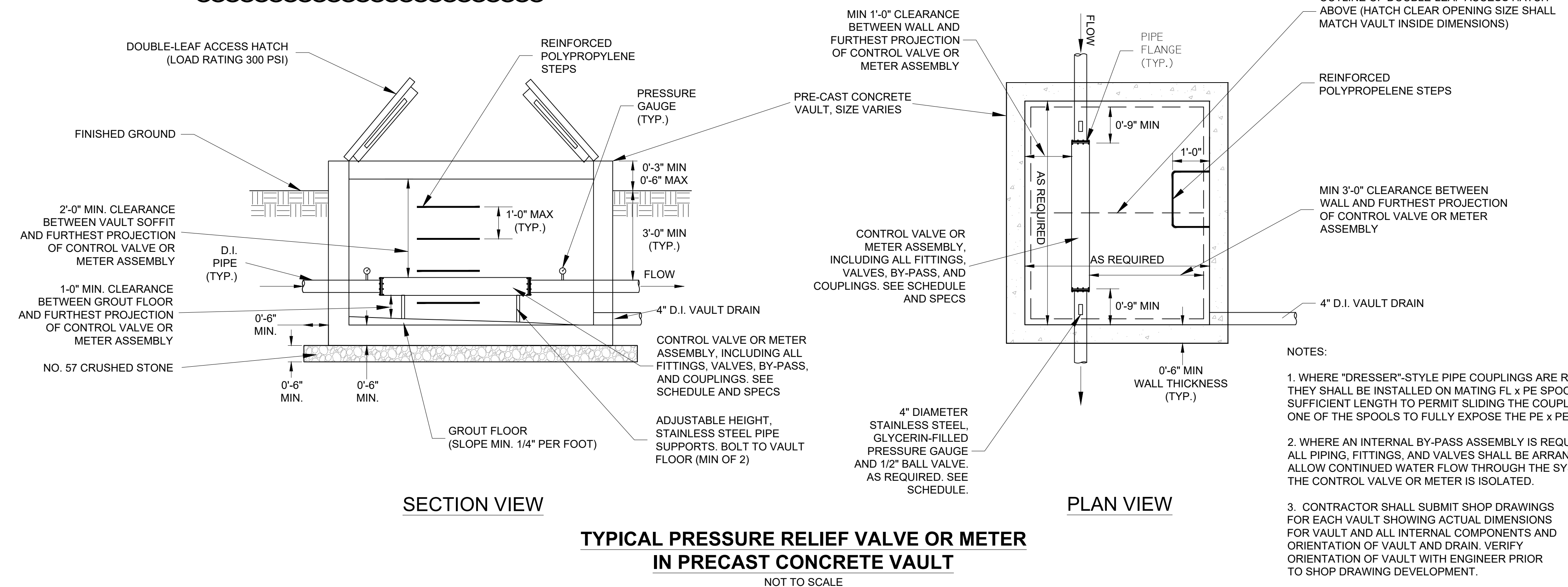
- A. Metal awnings shall be mounted to the building with a minimum of two (2) braces. Braces shall be spaced evenly.
- B. Metal awnings shall have a minimum projection of 36" from the building and shall be a minimum of 42" in width.
- C. A watertight seal shall be installed between the awning flashing and building.
- D. All fasteners and anchors required for mounting and assembly shall be stainless steel.
- E. Awning color shall be selected by the Owner from manufacturer's full range of actual material samples.

ISSUED THIS 12<sup>th</sup> DAY OF FEBRUARY 2021

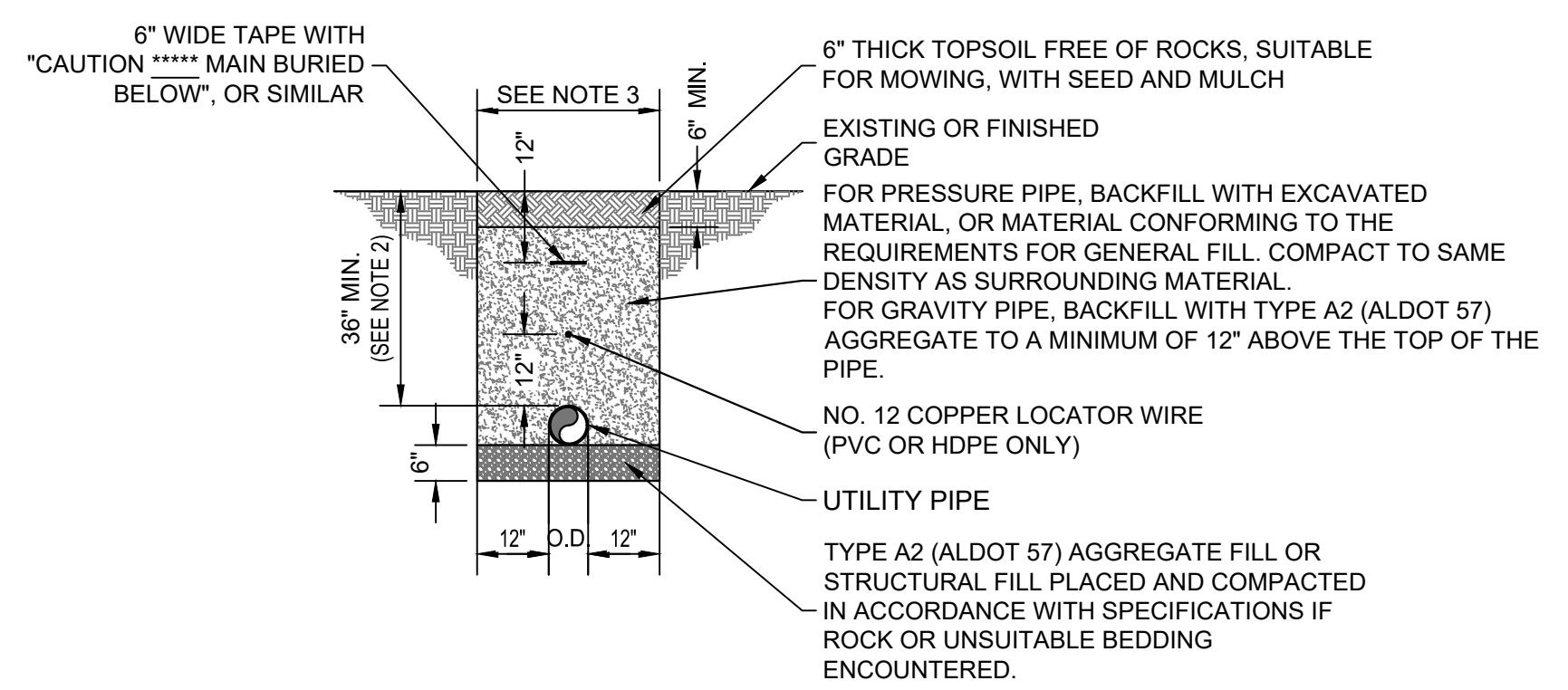
  
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Control Valve and Meter Installation Vault Internal Assembly Schedule												
Control Valve / Meter Installation	Internal Piping Size (in)	Main Equipment Nominal Size (in)	Vault Internal By-Pass Ass'y Req'd	Vault Internal Shut-off Valve Req'd	"Dresser"-Style Pipe Coupling Req'd	Internal Flange Size (Applies to all Pipe, Valves, and Ftg's)	Upstrm Press. Gauge Range	Dnstrm Press. Gauge Range	Upstrm Press. Range or Set Point	Dnstrm Press. Range or Set Point	Upstrm Strainer on Mainline	Notes
Combination Pressure Relief & Surge Valve	6"	6"	No	B-Fly Valve w/ handwheel	Yes - Dnstream	ANSI CL 125#	0-200 psi	Not Req'd	20-120 psi	Atmosphere	No	1. Provide globe pattern main valve. 2. Provide with limit switch. 3. Install discharge pressure transducer on upstream side of valve.
12" Mag Flow Meter & Vault	12"	12" Meter	No	No	Yes - Dnstream	ANSI CL 125#	Not Req'd	N/A	0-50 psi	N/A	No	1. Install suction side pressure transducer on upstream side of meter.



- NOTES:**
- REFER TO THE SPECIFICATIONS FOR DEFINITIONS OF ALL FILL MATERIAL.
  - MAXIMUM COVER IS 60" UNLESS NOTED OTHERWISE IN PLANS OR APPROVED BY THE ENGINEER.
  - MAXIMUM TRENCH WIDTH SHALL NOT EXCEED THE PIPE O.D. PLUS 12" MAXIMUM WIDTH ON BOTH SIDES OF UTILITY PIPE UNLESS NOTED OTHERWISE IN THE PLANS.
  - ASPHALT PAVEMENT SHALL BE AS REFLECTED OR AS NOTED ELSEWHERE IN THE PLANS OR BID FORM.
  - PAYMENT FOR REQUIRED OFF-SITE FILL SHALL BE LIMITED TO THE WIDTH OF THE UTILITY TRENCH.
  - PAVEMENT THICKNESS SHALL BE GREATER OF THAT SHOWN OR THE THICKNESS OF THE EXISTING BUILDUP.
  - FOR ASPHALT DRIVEWAYS, A BINDER LAYER WILL NOT BE USED. WIDTH SHALL BE LIMITED TO THE UTILITY MAIN, PLUS 12" ON EACH SIDE.
  - FOR GRAVEL DRIVEWAYS, A 6" CRUSHED AGGREGATE BASE COURSE SHALL BE PLACED TO MATCH THE ADJACENT SURFACE AND LIMITED TO THE WIDTH OF THE TRENCH.
  - FOR CONCRETE PAVING REPLACEMENT, SUBSTITUTE ASPHALT WITH MINIMUM 6" OF 3,000 P.S.I. CONCRETE WITH FIBER-MESH. MATCH THICKNESS OF SURROUNDING CONCRETE IF GREATER THAN 6".
  - THE CONTRACTOR SHALL REPAIR ALL EXCAVATED AREAS, BACKFILLS, EMBANKMENTS, TRENCHES, AND DITCHES WHICH MAY HAVE SETTLED, AT NO ADDITIONAL COST TO THE OWNER UNTIL FINAL ACCEPTANCE OF THE PROJECT AND THROUGHOUT THE WARRANTY PERIOD. ALL SUCH AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONTOURS.



**Bid Form  
High Level Booster Pump Station  
Hartselle Utilities**

NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENSION PRICE
<b>BASE BID</b>					
<b>Water Main Construction</b>					
1.	Mobilization	LS	1	\$	\$
2.	Erosion Control, Grassing, and Restoration	LS	1	\$	\$
3.	16-inch CL-250 DI Water Main (Push-on Joint)	LF	2200	\$	\$
4.	12-inch CL-250 DI Water Main (Push-on Joint)	LF	70	\$	\$
5.	24-inch Steel Casing (0.375" min. wall thickness) Bored and Jacked, with 16-inch CL-250 Restrained Joint DI Water main, spacers and end seals	LF	116	\$	\$
5a.	24-inch Steel Casing (0.375" min. wall thickness) Bored and Jacked, with 12-inch CL-250 Restrained Joint DI Water main, spacers and end seals	LF	80	\$	\$
6.	24-inch Steel Casing (0.375" min. wall thickness) Open-Cut, with 16-inch CL-250 Restrained Joint DI Water main, spacers and end seals	LF	220	\$	\$
7.	16-inch MJ Gate Valves with Box	EACH	1	\$	\$
8.	12-inch Tapping Sleeve and Valve	EACH	1	\$	\$
9.	Compact MJ DI Fittings with Retainer Glands and Concrete Thrust Blocks	LBS	3000	\$	\$
10.	Connection to Existing 16-inch Water Main	EACH	1	\$	\$
11.	Structural Aggregate Fill (for use in structural areas or as directed by the Engineer)	CY	300	\$	\$
12.	Aggregate Fill (For use as water main bedding in rock trench or as directed by the Engineer)	CY	150	\$	\$
13.	General Fill from Off-Site Sources (For use as water main backfill in rock trench or as directed by the Engineer)	CY	900	\$	\$
14.	Asphalt Replacement - Bethel Road Crossing No. 1	SY	100	\$	\$
15.	Asphalt Patching	SY	240	\$	\$

**Pumping Station Construction**

16.	Pumping Station - Clearing, Demolition, Grading, Access, and Site Work	LS	1	\$	\$
17.	Pumping Station - Piping, Pumps, and Process Equipment	LS	1	\$	\$
18.	Pumping Station - Building, Mechanical Systems and Equipment	LS	1	\$	\$
19.	Pumping Station - Electrical Systems	LS	1	\$	\$
20.	Pumping Station - SCADA Allowance	CA	1	\$ 70,000.00	\$ 70,000.00
21.	Pumping Station - Primary Electrical Service Allowance	CA	1	\$ 30,000.00	\$ 30,000.00
<b>TOTAL BASE BID:</b>					\$

**Deductive Alternate Bid No. 1**

16A.	Delete Safe-T-Shelter Storm Shelter and Associated Slab	LS	1	\$	\$
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**Deductive Alternate Bid No. 2**

17A.	Delete Pump 3 and Associated Piping and Electrical as Indicated in the Plans	LS	1	\$	\$
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**Deductive Alternat Bid No. 3**

19A.	Delete Generator and Associated Slab as Indicated in the Plans	LS	1	\$	\$
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