

ADDENDUM NO. 1  
WATER SYSTEM IMPROVEMENTS  
CONTRACT 19-02  
HILHAM AREA WATER SYSTEM IMPROVEMENTS  
LIVINGSTON, TENNESSEE  
WAUFORD PROJECT NO. 2102

Date of Addendum: Friday, July 5, 2019  
Bid Opening: Thursday, July 11, 2019, 2:00 P.M. Local Time

1. Detailed Specifications, Section 5. Water Booster Station, Paragraph 3.c. Blasting, Page DS 5-2:

Replace this paragraph as shown.

“c. Blasting

***Blasting will not be allowed on this project.***”

2. Detailed Specifications, Section 5. Water Booster Station, Paragraph 10.a. General, Page DS 5-11:

Modify this paragraph as shown.

“a. General

The Contractor shall supply and install one prefabricated skid mounted water booster pumping station as part of this contract. The booster station shall be delivered factory assembled to the site and bolted to the concrete slab as shown on the plans. The booster station shall comply with the requirements of the plans and these Detailed Specifications and shall be as manufactured by ***Clay-Greene of Birmingham, Alabama, Engineered Fluid Inc. of Centralia, Illinois, Patterson Pump Company of Toccoa, Georgia, Tigerflow Systems, LLC of Dallas, Texas, USEMCO, Inc. of Tomah, Wisconsin or pre-approved equal.***”

3. Detailed Specifications, Section 5, Water Booster Station, Paragraph 10.g.(1) Operators Conditions, Page DS 5-14:

Modify this paragraph as shown.

“(1) Operators Conditions

The Hilham Water Booster Station shall be equipped with two (2) identical constant speed end suction centrifugal pumps. Each pump shall have the following characteristics:

Capacity	400 GPM
Total Dynamic Head	240 feet
Minimum Efficiency	<b>75%</b>
Maximum Speed	3600 RPM
Maximum Horsepower	40 HP
Motor Voltage	460
Discharge Size (minimum)	3 inches
Suction Size (minimum)	4 inches
Shut Off Head (minimum)	<b>275 feet</b>

The following pumps appear to meet the conditions listed above:

- Patterson, Model 4X3, 7.875" Ø Impeller, Curve #43IPA
- Grundfos, Model 25957LC, 8.03" Ø Impeller, Curve #RC9867-1-SS
- **Goulds, Model 92SV32GP4C60"**

4. Detailed Specifications, Section 5. Water Booster Station, Paragraph 10.p.(2) Building Construction, Page DS 5-20:

Add the following to the end of the paragraph:

***"Fiberglass enclosures with insulation levels meeting the requirements listed herein, will be allowed in lieu of exterior wall and roof sheathing. "Tilt-up" fiberglass enclosures will also be allowed."***

5. Detailed Specifications, Section 5. Water Booster Station, Paragraph 10. Page DS 5-29:

Add the following sub-paragraph:

“y. Heater

***The water booster station shall be equipped with a convection heater operating at 120V. The heater shall have a tip-over switch, over-temperature safety cutoff, pilot light, fan-only operation,***

***and thermostat control. The tip over switch and over-temperature safety cutoff shall automatically turn the unit off if the unit is tipped over. The pilot light shall be one when the heater is operating. The heater shall be Dayton 3VU or equal."***

6. BID FORM:

Replace BID FORM Page BF-8 with attached Page BF-8\*.

J. R. WAUFORD & COMPANY,  
CONSULTING ENGINEERS, INC.



---

J. Gregory Davenport, P.E.  
Tennessee License No. 104881

9. CONTRACT 19-02 – HILHAM AREA WATER SYSTEM IMPROVEMENTS  
(cont'd)

BID FORM A: WATER LINE "W-1" (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
16.	<b>150 C.Y.</b>	Crushed stone TDOT Class "A" Grade D compacted for traffic bound surfacing and/or base course where water lines are constructed under existing paved surfaces and where directed by the Engineer For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
17.	<b>100 C.Y.</b>	Asphaltic concrete paving mix (hot mix) for patching streets and drives For _____ _____ Dollars _____ Cents, per cubic yard	\$ _____	\$ _____
18.	10,000 L.F.	Temporary silt fence as required or where directed by the Engineer, complete in place For _____ _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
19.	200 S.Y.	Rip-rap, hand placed, where shown on the Plans or directed by the Engineer For _____ _____ Dollars _____ Cents, per square yard	\$ _____	\$ _____