

ADDENDUM NO. 1

WTP GENERATOR & HIGH SERVICE DRIVES

COG PROJECT # 1605

CITY OF GEORGETOWN, SOUTH CAROLINA

**DRAWINGS**

SHEET E-01, NOTES:, delete Note 2 in its entirety and replace with:

“2. EXISTING 150kW DIESEL-FUELED STANDBY ENGINE-GENERATOR SET TO BE REMOVED. EXISTING HIGH SERVICE PUMP STATION WALL LOUVER TO BE REMOVED AND REPLACED TO REMOVE EXISTING ENGINE-GENERATOR SET FROM BUILDING. DECOUPLE ANY FUELING AND/OR BATTERY CHARGING APPARATUS STRICTLY ASSOCIATED WITH GENERATOR FROM ANY SIMILAR COMPONENTS UTILIZED OR SHARED WITH ENGINE-DRIVEN PUMP. REMOVE AND DISPOSE OF GENERATOR AND ACCESSORIES. COORDINATE POWER OUTAGE AND TEMPORARY POWER PROVISIONS WITH THE OWNER. CAP ABANDONED CONDUITS FLUSH WITH FLOOR. COVER OPENING IN WALL CLOSURE PANEL FROM RADIATOR INTAKE WITH 48-INCH X 48-INCH, 0.05/16 GAUGE, 5052-H32 ALUMINUM SHEET WITH MILL FINISH. MOUNTING SCREWS SHALL BE 18-8 STAINLESS STEEL WITH NEOPRENE WASHERS.”

**SPECIFICATIONS**

SECTION 00 31 10, BID FORM, delete in its entirety and replace with the revised BID FORM included with this addendum.

SECTION 01 11 00, PROJECT REQUIREMENTS, Article 1.1 DESCRIPTION, A.2., first sentence, delete “salvage” and replace with “disposal”.

SECTION 01 11 00, PROJECT REQUIREMENTS, Article 1.3 SEQUENCING, B., add the following:

- “4. Demolition of existing MCC-2 will require some interruption to the existing 10Hp backwash pump and associated controls. This pump may only be out of service a maximum of 24 hours (morning to morning). Temporary power to a temporary motor controller (FVNR starter) will be necessary to maintain operation of the backwash pump.
5. Any costs associated with supplying temporary power, temporary motor controller, and field coordination shall be included in the base bid.”

**ADDITIONAL INFORMATION DOCUMENTS**

Responses to Questions received as of June 14, 2019 are being provided with this addendum for informational purposes only and will not be considered as part of the Contract Documents.

Q: Do you have a cost estimate for this project?

A: Yes, the Engineer’s estimate for construction is \$636,000.00.

Q: The scope shows removal of MCC2 in its entirety. This will shut off power to all three pumps plus additional circuits. How long can pumps be off line? To perform demo of MCC2 and reinstall all

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new switchgear indicated this may require a few weeks before power can be reestablish and pumps back running.

A: Demolition of existing MCC-2 will require some interruption to power feeds to high service pumps. However, some temporary operation options do exist such as:

1. The existing starter for HSP-2 is separate from the MCC. It can be temporarily reconfigured with a dedicated power feed (generator or utility) to keep HSP-2 operational during demolition of the MCC, installation of VFDs and new electric switchgear. Temporary power to associated controls may also be necessary. These requirements shall be coordinated in the field with the Owner.
2. HSP-VFD-1 and 3 are not physically in conflict with MCC-2. These drives can be installed and wired to their respective pump motors one at a time in order to maintain as much pumping uptime as possible. Similar to the existing HSP-2 starter, temporary power can be provided to these drives while wiring changes are made to the HSP-2 starter.

Some temporary power will be needed and some sequencing will be required to keep at least one pump operational at all times per Specification 01 11 00. The existing engine-driven pump shall not be utilized. The modular nature of the motor controllers lends itself very well to a staged demolition and installation approach. Any costs associated with temporary power shall be included in the base bid.

Q: Once we remove existing generator out of existing building its indicated to turn over to the owner.

1. Do we need to transport generator off site, if so, where?
2. Do we need to transport generator to location on site, if so, where?
3. The intake louver to the generator. Do we disconnect flexible duct from louver to generator and louver remains as is? If were to remove louver and repair wall provide details.

- A:
1. The Contractor shall remove and dispose of the existing generator and accessories as described in this Addendum. Any costs associated with removal, hauling and disposal shall be included in the base bid.
  2. See Item 1 above.
  3. The louver will need to be removed and replaced to remove the existing generator from the High Service Pump Building. The existing generator set can be removed without any modifications to the masonry wall. The opening from the radiator intake in the wall closure panel shall be closed with aluminum sheet per this Addendum.

**Bidder Must Acknowledge Receipt of this Addendum on Bid Form**

**Deliver sealed bid documents before 2:00 p.m. (local time) on June 27, 2019 to: Water Utilities and Engineering Dept. Building, 2377 Anthuan Maybank Drive, Georgetown, SC, 29440**

**June 20, 2019**

**CITY OF GEORGETOWN, SOUTH CAROLINA**

**SECTION 00 31 10  
BID FORM**

**WTP GENERATOR & HIGH SERVICE DRIVES, PROJECT #1605**  
For the City of Georgetown, SC

Date: \_\_\_\_\_

PROPOSAL OF \_\_\_\_\_

(hereinafter called "Bidder"), a \_\_\_\_\_(State)

corporation/partnership/individual (Strike out inapplicable terms) doing business as a

\_\_\_\_\_

TO: City of Georgetown, SC

TO: Whom it may concern:

The Bidder, in compliance with your invitation for bids for the **WTP GENERATOR & HIGH SERVICE DRIVES, PROJECT #1605** having examined the drawings and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the Contract Documents, within the time set forth therein, for the Lump Sum of:

\_\_\_\_\_ Dollars \$ (\_\_\_\_\_)

The lump sum price indicated above shall include all labor, materials, overhead, profit, insurance, taxes, fees, etc., to cover all expenses incurred in performing the work required under the Contract Documents, of which this proposal is a part.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within **One Hundred Eighty (180)** consecutive calendar days after specified date on Notice to Proceed.

Bidder further agrees to pay as liquidated damages the sum of \$500.00 for each consecutive calendar day thereafter as hereinafter provided in Paragraph 19 of the General Conditions 00 70 00.1.

The specifications and addenda are complementary of each other. What is called for by one shall be as binding as if called for by all. If a conflict between any of the above is discovered by the contractor, the problem shall be referred to the Owner as soon as possible for resolution by the Owner. Should a conflict occur which is not resolved before bid time and/or is necessary to comply with mandatory requirements (i.e., codes, ordinances, etc.), it shall be the contractor's responsibility to price and bid the more expensive method.

Bidder acknowledges receipt of the following addendum:

No.:Dated: \_\_\_\_\_

No.:Dated: \_\_\_\_\_

No.:Dated: \_\_\_\_\_

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

The Bidder agrees that this Bid shall be good and may not be withdrawn for a period of sixty (60) Calendar days after the scheduled closed time for receiving bids.

**BASE BID**

Furnish all products, materials and equipment and performing all labor necessary to complete the WTP Generator & High Service Drives including all work shown on the Drawings and/or specified. Additions and deletions from the Work shall be paid in accordance with the Prices indicated below.

Item No.	Task Description	Quantity	Unit	Unit Price	Total Price
1	Mobilization, Bonds and General Conditions	Lump Sum			\$
2	Sitework, Utilities and Paving	Lump Sum			\$
3	Electrical Demolition: Generator and Switchgear	Lump Sum			\$
4	Generator and Automatic Transfer Switch	Lump Sum			\$
5	High Service Motor Control Center and Variable Frequency Drives	Lump Sum			\$
6	Erosion and Sedimentation Control: Reinforced Silt Fence	250	LF	\$	\$
7	Erosion and Sedimentation Control: Weighted Fiber Roll	50	LF	\$	\$
8	Cash Allowance: Soils and Concrete Testing	Allowance			\$ 2,000.00
<b>Base Bid Total (for page 1 of the bid form)</b>					<b>\$</b>

**\*\*\*\*ALTERNATE NO. 1\*\*\*\***

**DIESEL ENGINE GENERATOR**

ADDER OR DEDUCT FOR SUPPLYING ALTERNATE DIESEL ENGINE GENERATOR (KOHLER, OR EQUAL) AS DESCRIBED IN SECTION 26 32 13 OF THESE SPECIFICATIONS IN THE AMOUNT OF:

ADDER \_\_\_\_\_

DOLLARS (\$ \_\_\_\_\_)

OR

DEDUCT \_\_\_\_\_

DOLLARS (\$ \_\_\_\_\_)

**\*\*\*\*ALTERNATE NO. 2\*\*\*\***

**DIESEL ENGINE GENERATOR EXTENDED WARRANTY**

ADDER FOR SUPPLYING DIESEL ENGINE GENERATOR WARRANTY FOR A PERIOD OF FIVE (5) YEARS TOTAL AS DESCRIBED IN SECTION 26 32 13 OF THESE SPECIFICATIONS IN THE AMOUNT OF:

**ALTERNATE NO. 2A**

BASE BID ENGINE/GENERATOR EXTENDED WARRANTY: CATERPILLAR

DOLLARS (\$\_\_\_\_\_)

**ALTERNATE NO. 2B**

ALTERNATE NO. 1 BID ENGINE/GENERATOR EXTENDED WARRANTY:

\_\_\_\_\_

DOLLARS (\$\_\_\_\_\_)

The above Task Prices shall include all labor, materials, overhead, profit, insurance, taxes, fees, etc., to cover the finished work called for.

Prime Contractor Responsibilities - The contractor will be required to assume sole responsibility for the complete effort as required by this RFB. The City will consider the contractor to be the sole point of contact with regard to all project matters.

**SUBCONTRACTOR LIST**

Subcontracting - If any part of the work covered by this RFB is to be subcontracted, the contractor shall identify the subcontracting organization at the time of the offer. All subcontractors must be approved by the City.

Sub-contractors (with contact information) to be utilized in project:

<b>SUBCONTRACTOR</b>	<b>COMPANY NAME/ADDRESS</b>	<b>CONTACT NAME/ PHONE</b>

**EQUIPMENT/MATERIALS**

The type/manufacturer of the equipment and materials that were used as a basis for the Bid pricing herein, must be identified below:

<b>Equipment / Material</b>	<b>Manufacturer / Type</b>
Automatic Transfer Switch	
Motor Control Center	
Variable Frequency Drives	
Diesel Engine Generator	

The undersigned declares that his firm is (delete those not applicable): A corporation organized and existing under the laws of the State of \_\_\_\_\_.

A partnership consisting of:

The undersigned declares that the person or persons signing this proposal is fully authorized to sign the proposal on behalf of the firm listed and to fully bind the firm listed to all the conditions and provisions thereof.

It is agreed that no person or persons or company other than the firm listed below or as otherwise indicated hereinafter has any interest whatsoever in this proposal or the contract that may be entered into as a result thereof, and that in all respects the proposal is legal and fair, submitted in good faith, without collusion or fraud.

Respectfully Submitted:

\_\_\_\_\_  
Contractor

(SEAL – if bid is by a Corporation)

By: \_\_\_\_\_

\_\_\_\_\_  
(Type/Print Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Street Address)

\_\_\_\_\_  
(City, State, Zip Code)

\_\_\_\_\_  
(Telephone Number)

\_\_\_\_\_  
(Email Address)

S.C. General Contractor's License No. \_\_\_\_\_

FID No.and/or SSN \_\_\_\_\_

**(END OF SECTION)**