

UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA
200 CANAL STREET
P.O. BOX 100
NEW SMYRNA BEACH, FL 32170-010

ITB# 15-18
Lift Station 60 Automatic Transfer Switch Upgrade

DATE: May 7, 2018

RE: Bid No. 15-18 **ADDENDUM NO. 01**

The Utilities Commission is issuing the following addendum. **As such it becomes an integral part of the proposal and must be acknowledged by the return of this signed form, with your proposal form, acknowledging receipt of the addendum.**

1. Question: What is the Engineers Estimate of probable cost and / or the Citys budget for the project.

Answer: \$500,000 has been budgeted for lift station 60.

2. Question: The timeframe provided for the project, does this include the procurement of all the pipe and equipment? It seems short if it does.

Answer: Engineering will allow the notice to proceed to be post dated to allow time for material delivery if required.

3. Question: Who currently maintains the irrigation system.

Answer: The Utilities Commission City of New Smyrna Beach

4. Question: RE: ITB_15-18_Specifications – “SPECIFICATION SECTION 01010 SUMMARY OF PROJECT 1.01 WORK COVERED BY CONTRACT DOCUMENTS A. This Contract is for the construction of the Utilities Commission, City of New Smyrna Beach’s **Lift Station 60 Automatic Transfer Switch Upgrade**. The work consists of furnishing all labor, equipment, and materials for the construction of the facilities consisting of, but not limited to, the following: *Replace generator, furnish and install new fuel tank and ATS at the Utilities Commission of New Smyrna Beach Electric Operations Building.*” This statement does not match the BID SCOPE OF WORK as described in ITB_15-18_Lift_Station_60_Automateic_Transfer_Switch Please provide the correct SUMMARY OF PROJECT for the SPECIFICATIONS.

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Answer: Contractor is responsible for providing labor and materials to install a new three-way bypass/isolation valve system on the existing 30" DIP Force Main at lift station 60. The bypass valve will require a valve vault. Contractor to provide the excavation and restoration required. Affected areas are to be restored to grade and sodded. Contractor to ensure all work meets the UCNSB wastewater rules and standards.

Provide and install a temporary 3800 GPM at 130 TDH Sewer Bypass Genset/Pump on Lift Station 60 new bypass valve connected to existing 30" DIP force main. Contractor to provide the excavation and restoration, all equipment rentals, fuel, material and labor required. The Genset/Pump should come equipped with a pressure transducer in order to monitor the well level while switchover work is being performed. The genset/pump must have an autodialer alarm for engine failure / generator fault.

Provide and install a temporary mobile generator onto MCC-2 in order to keep lift station 60 operational while ATS replacement work is being performed. (see sequence of work) . Contractor is responsible for all rental, labor, materials and fuel. The mobile generator must have an autodialer alarm for engine failure / generator fault. Contractor is responsible for the required temporary motor control center breaker moving from MCC-1 to MCC-2 requirements of Pump P2 and the control power transformer breaker. (see sequence of work)

Provide labor and materials for removing the existing Automatic Transfer Switch at Lift Station 60 and replace with a new ASCO 1200 Amp Automatic Transfer switch or equivalent. A blank panel adjacent to the new ATS will be required in addition to the new ATS in order to utilize the existing underground conduit from existing ATS to existing MCC. Provide all required control wiring between the new ATS and new generator controller. Contractor responsible for providing an electrical technician capable of understanding instrumentation and controls and the requirements of this project. Contractor will be responsible for all required control wiring between the new ATS and the new generator controller.

Contractor is responsible for labor and materials for installing a new main breaker and generator controller (Comap IG-NT or equal) onto the existing generator. A new panel each will be required to install the main breaker and IG-NT controller into. Generator IG-NT controller will require a stainless steel NEMA 3R enclosure. The new 1200 Amp generator main breaker will require a NEMA 3R stainless steel enclosure. Contractor will be responsible for all control and instrument wiring on the new generator controller and existing generator. Contractor will be responsible for all control wiring from new generator controller to the new ATS. Contractor is responsible for all commissioning of new equipment.

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Generator Nameplate Information:

Generator Make: Kato Engineering
Generator Model: 750-68336111.1
Generator Serial Number: 82806
Generator KW 750 kW
Engine Make: Caterpillar
Engine Model: D399
Engine Serial Number: 35B5217
Engine Horsepower: 800 hp
Generator Control Voltage: 32VDC

Contractor is responsible for labor and materials for installing new power cables from the electric vault to the new ATS, from the ATS to the existing MCC, and from the generator to the new ATS. Contractor is responsible to install new overhead conduit from the existing MCC to the new ATS. Contractor is responsible for all hangers and supports for all new conduit. Contractor is responsible for the conduit and control wiring from the Generator to the new ATS.

Contractor is responsible for commissioning of the new ATS and new generator controller and ensuring the ATS and generator controller functions properly prior to final acceptance of the new equipment. Contractor is responsible for station testing where required in sequence of work. (see sequence of work)

Contractor responsible for following proper Electric Lockout/Tagout procedures while work is completed in the LS60 control room.

Contractor to ensure all Electrical work is in accordance with the national electric code and electricians follow proper Lockout/Tagout procedures. Contractor must possess a certified Florida Contractor License.

Contractor is responsible for all labeling and identification of equipment, cables and control wiring.

Contractor will be required to submit material shop drawings for review and approval prior to ordering the materials and equipment.

Contractor is responsible for scheduling a preconstruction meeting with UCNSB Engineering prior to mobilization.

Contractor will be responsible to provide weekly updates to UCNSB Engineering.

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Contractor responsible to ensure if the mobile generator fails the mobile genset/pump starts automatically by interlocking the controls of the two gensets.

Contractor responsible for pollution control and making sure the lift station remains operational thru the duration of the project.

Utilities Commission will be responsible for opening the primary power switch in order to de-energize the station.

5. Question: Is this a prevailing wage project?

Answer: No, Florida has no state prevailing wage law.

Acknowledgment of Receipt of Addenda No. 1

Company_____

Title_____

Signature_____