



CITY OF TAMPA

Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

David L. Vaughn, AIA, Director

ADDENDUM NO. 1

DATE: July 27, 2011

Contract 11-C-00026; Ybor Pump Station Rehabilitation

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: The Bid Date for the above referenced project is hereby changed to August 9, 2011.

Item 2: SPECIFICATIONS

- 1) Replace on page SP-4, in SP16 – Salvage, second paragraph with the following:

There are no items to be salvaged for this project.

- 2) Replace on page SP-9, in SP21 – Bypass Pumping, fourth paragraph, second sentence with the following:

There are existing floor grates downstream of the bar screens that can be removed as necessary to allow the suction pipes to be installed. These grates shall be reinstalled after completion of the construction.

- 3) Insert on Page SP-10, in SP21- Bypass Pumping, at the end of the paragraph ending "...monitored daily." the following:

Electrical powered pumps can also be utilized, provided that the Contractor obtains its own metered electrical feed from TECO and that a diesel powered backup generator remains on site to be used as emergency backup power supply. The electrical bypass pumps shall be able to meet all the conditions that are required for the diesel driven pumps as specified in this section.

- 4) Insert on Page W17-3-10, in W-17.10 Extended Shafts for Pumps at the end of the paragraph ending "...between the pump and the motor." the following paragraphs:

In lieu of a drawn over mandrel (DOM) steel shaft, the Contractor can provide a single-section composite shaft provided that it offers the appropriate lateral, torsional response, and torque carrying properties required for the application. The composite tubing shaft shall be made of graphite and/or glass fibers enveloped in a corrosion resistant epoxy

thermoset plastic resin, with a wound-in Ultraviolet protection barrier in the tube's outer face. The final exterior shall be accomplished with an adhesive barrier wrap. Tubing shall be manufactured per methods and testing procedures providing aerospace quality. Those methods must include pre-production performance testing to verify characteristics of the tubing, computer controlled winding and computer controlled curing in an enclosed oven with a maximum allowable variation in temperature of no more than + or -10 deg. F. The metal to composite connection attaching the composite shaft to the mating universal joint component shall be of a compression fit. A layer of E glass reinforced fibers shall be placed between the end of the fitting stub and the tube inner surface to provide galvanic corrosion protection. Composite shafting shall be as manufactured by Johnson Power, LTD. or equal.

Universal joint bearings shall provide a minimum of 20,000 hours of B-10 life sized at maximum horsepower and maximum RPM. Intermediate steady bearings where required shall be manufactured with an L-10 life not less than 100,000 hours and shall be grease lubricated and self-aligning with seals to prevent contamination by dust or moisture.

Wherever personnel may be exposed to rotating intermediate shafting, safety guards shall be provided to a height of not less than seven feet above pumping platform. Guards Safety guards shall be equipped with hinged access doors at all lubrication points and must be manufactured in sections for ease of installation and removal. Safety guards shall be galvanized for corrosion resistance and must be manufactured in rugged semi-circular sections for ease of installation with vertical steel reinforcing bars for maximum stability

Item 3: PLANS

- 1) The Plans set has been re-issued in higher resolution, and are posted on the Department's web site.
- 2) On Drawing G2, under Demolition Notes, delete Note 2 and replace it with the following:

There are no items to be salvaged for this project. The Contractor is responsible for the removal and proper disposal of all designated materials and equipment.
- 3) Delete the words "and salvage" on Drawing D1, in the call-out on SECTION 2/D2.

Item 4: RFI AND RESPONSES

Question: With regards to section 13420 field instrumentation section, please advise if the flowmeter is being supplied by a single instrumentation subcontractor along with their PLCs and enclosures. If true, does City of Tampa have an pre-approved list of integrators available?

Response: The Contractor shall supply all equipment and required system integration. There are no pre-approved Subcontractors for this project. Specifications for the ABB flowmeters and Yaskawa VFDs state that a letter of standardization has been included in the contract documents and no other manufacturer will be considered.

Question: Please advise on the pipe or pipes diameter feeding the wet well bar screen chamber also the slope and length of that run of pipe.

Response: There is a 60" gravity sewer and a 72" gravity sewer that connect to the wet well. The slopes and size of these pipelines change as they proceed upstream. Please be advised that section SP-21 "Bypass Pumping" of the contract specifications indicates that the maximum elevation to which the wastewater shall be allowed to rise is Elev. -3.0. This section also indicates that the bypass pumping system shall have pump controls that control the speed of the pumps as necessary to bypass at a rate equal to incoming flow rate. Since this pumping station discharges directly to the treatment plant, a steady discharge rate must be maintained. A bypass system that only cycles pumps on and off and uses the upstream gravity system for storage will not be accepted.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to Contract Administration@tampagov.net.

Jim Greiner

Jim Greiner, P.E., Contract Management Supervisor