

ADDENDUM NO. 2

October 3, 2008

Engineer:

Parametrix
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Owner:

City of Sumner
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TACOMA AVENUE PUMP STATION NO. 1 IMPROVEMENT PROJECT

CIP 08-05


To: All Holders of the Bidding Documents, Contract Specifications, and Construction Drawings


This Addendum forms a part of the Contract Documents and modifies the Bidding Documents, Contract Specifications, and Construction Drawings for the opening date of October 8, 2008.

Acknowledge receipt of this addendum on the Bid Form. Failure to do so may subject the Bidder to disqualification. This addendum consists of:

3 Pages of text (including this cover sheet)

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ADDENDUM NO. 2
TACOMA AVENUE PUMP STATION NO. 1 IMPROVEMENT PROJECT
CIP 08-05
REVISIONS TO CONTRACT DOCUMENTS

1. PART 2 – SPECIAL PROVISIONS, DIVISION 2, EARTHWORK

a. SECTION 2-09 STRUCTURE EXCAVATION

Section 2-09.3(4) Construction Requirements, Structure Excavation, Class B

Section 2-09.3(4) is supplemented with the following:

“Structure Excavation Class B shall also include any and all excavation for the pump station wet well, as well as for the temporary manhole to be constructed for the temporary sewage bypass system. The excavations will require a structural shoring/sheeting system to limit the area of excavation to a distance of 5 feet or less from the outside edge of the structure(s). Any pile driving equipment used to install the sheeting/shored system shall be vibratory pile driving only.

The Contractor shall make his own determination and conclusions regarding the nature of the materials and the methods and procedures to be utilized in performing the work. No subsurface soils investigations have been completed at the project site. Based on soil logs adjacent to the White River at 142 Avenue East, the Contractor should expect soils to be soft silty fine sands to clayey silt with organic interbeds and with groundwater levels approximately 5 feet below ground surface. Groundwater levels should be expected to fluctuate and are expected to be higher or lower depending on the time of year construction is performed.”

2. PART 3 – CSI SPECIFICATION SECTIONS

a. SECTION 16205 – STANDBY DIESEL ENGINE-GENERATOR SET

Delete paragraph 2.01.H. Sound Attenuation – Weatherproof Enclosure and replace with the following:

“H. Sound Attenuation – Weatherproof Enclosure:

1. The generator set shall be provided with an outdoor enclosure, with the entire package listed under UL2200. The package shall comply with the requirements of the National Electrical Code for all wiring materials and component spacing. The total assembly of generator set, enclosure, and sub-base fuel tank (when used) shall be designed to be lifted into place using spreader bars. Housing shall provide ample airflow for generator set operation at rated load in an ambient temperature of 100 degrees F. The housing shall have hinged access doors as required to maintain easy access for all operating and service functions. All doors shall be lockable, and include retainers to hold the door open during service. Enclosure roof shall be cambered to prevent rainwater accumulation. Openings shall be screened to limit access of rodents into the enclosure. All electrical power and control interconnections shall be made within the perimeter of the enclosure. The enclosure will be installed in a publicly accessible location and shall be designed to prevent unauthorized access to all engine generator components including controls, fill ports, and safety hazards.

2. Type: Insulated sound attenuated, NEMA 3R, weather-protective enclosure. The enclosure shall be insulated with non-hygroscopic materials.
3. Attenuation: The sound pressure shall not exceed 66 dBA at 23 feet from the center of the unit in a free field condition.
4. Construction:
 - a. Enclosure shall be constructed of minimum 12 gauge steel for framework and 14 gauge steel for panels.
 - b. All hardware and hinges shall be stainless steel.
 - c. Fasteners used shall be designed to minimize marring of the painted surface when removed for normal installation or service work.
 - d. The enclosure shall include the following maintenance provisions:
 - 1) Flexible coolant and lubricating oil drain lines that extend to the exterior of the enclosure, with internal drain valves.
 - 2) External radiator fill provision.
 - 3) Service panels which allow access to generator set control and service points.
5. Corrosion Protection: All sheet metal shall be primed for corrosion protection and finish painted with the manufacturer's standard color using a two step electro-coating paint process, or equal, meeting the performance requirements specified below. All surfaces of all metal parts shall be primed and painted. Painting of hoses, clamps, wiring harnesses, and other non-metallic service parts shall not be acceptable. The painting process shall result in a coating that meets the following requirements:
 - a. Primer thickness, 0.5 to 2.0 mils. Top coat thickness, 0.8 to 1.2 mils.
 - b. Gloss, per ASTM D523-89, 80 percent plus or minus 5 percent. Gloss retention after one year shall exceed 50 percent.
 - c. Crosshatch adhesion, per ASTM D3359-93, 4B-5B.
 - d. Impact resistance, per ASTM D2794-93, 120 to 160 inch-pounds.
 - e. Salt Spray, per ASTM B117-90, 1,000+ hours.
 - f. Humidity, per ASTM D2247-92, 1,000+ hours.
 - g. Water Soak, per ASTM D2247-92, 1,000+ hours.
6. A factory-mounted, critical-grade exhaust silencer shall be installed inside the enclosure. The exhaust shall exit the enclosure through a rain collar and terminate with a rain cap. Exhaust connections to the generator set shall be through seamless flexible connections."