

March 17, 2010

LETTER OF CLARIFICATION # 2

**SAGEGLEN LIFT STATION MODIFICATIONS
WITHIN
CLEAR BROOK CITY MUNICIPAL UTILITY DISTRICT
HARRIS COUNTY, TEXAS
VVI Project No. : 11000-859-1-LST (c&e)**

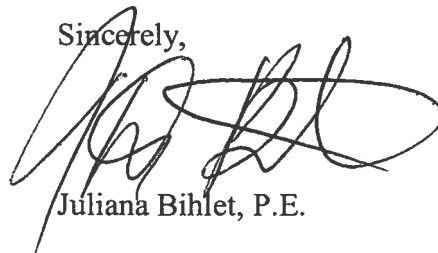
Notice to Bidders:

In response to questions received, please note the following:

- There is not a tee or wye on the existing forcemain.
- The average daily flow is 496,440 GPD.

Furthermore, attached to this Letter of Clarification # 2 are specifications 01540 and 01576 that were inadvertently left out of the bid documents.

Sincerely,



Juliana Bihlet, P.E.

Section 01540

DIVERSION PUMPING

PART I GENERAL

1 SECTION INCLUDES

- A. Diversion pumping.

2 UNIT PRICES

- A. No separate payment will be made for installation, operation and maintenance of diversion pumping system. Include the cost of diversion pumping in other related bid items

1.03 DEFINITIONS

- A. Diversion pumping is the installation and operation of bulkheads, plugs, hoses, piping, and pumps to maintain sewage flow and prevent backup and overflow.

3 SYSTEM DESCRIPTION

- A. Diversion pumping provides continuous sewer service to the users of the sanitary sewer system while maintenance or construction operations are in progress by diverting flow when necessary around the construction location and pumping it to a downstream manhole. Maintain sewage flow to prevent backup or overflow onto streets, yards and unpaved areas or into buildings, adjacent ditches, storm sewers, and waterways. Do not divert sewage outside of the sanitary sewer system.
- B. Any time the diversion pump(s) are operating, an experienced operator shall be on site to monitor the operation, adjust pump speed, valves, etc., make minor repairs to the system and report problems.

4 SUBMITTALS

- A. Make submittals in conformance with Section 01330 - Submittals Procedures.
- B. Diversion pumping systems bypassing line segments with 42-inch diameter or greater sewers, require submittal (prior to installation) of a Diversion Pumping Plan with sufficient detail to show the location, number and size of pumps, the number, location, size and type of hoses and/or rigid piping, and the location of the downstream discharge. Show any special features where pipes or hoses cross roadways, such as temporary trenches, support bridges, etc.

5 SCHEDULING

- A. If the City is operating or maintaining diversion pumping in the construction area, the Contractor shall coordinate with the City Engineer, as necessary.
- B. The Contractor shall cease diversion pumping operations when directed by the City Engineer.

PART 2 PRODUCTS

1 MATERIALS

- A. Design piping, joints, and accessories to withstand at least twice the maximum system pressure or 50 psi, whichever is greater.
- B. Pumps, pumps shall be self-priming type or submersible electric, in good working order, with a working pressure gauge on the discharge. Pumps shall meet the requirements of the City of Houston Noise and Sound Level Regulations.

PART 3 EXECUTION

1 FIELD QUALITY CONTROL

- A. During diversion pumping, do not allow sewage to be leaked, dumped, or spilled in or onto any area outside of the existing sanitary sewer system.
- B. In the event of accidental spill or overflow, immediately stop the discharge and take action to clean up and disinfect the spill. Promptly notify the City Engineer so that required reporting can be made to the Texas Natural Resources Conservation Commission (TNRCC) and the Environmental Protection Agency (EPA) by the City Engineer.

2 CLEANING

- A. When diversion pumping operations are complete, piping shall be drained into the sanitary sewer prior to disassembly.

END OF SECTION

Section 01576

WASTE MATERIAL DISPOSAL

PART
1 GENERAL

1.1 SECTION INCLUDES

- A. Disposal of waste material and salvageable material.

1.2 UNIT PRICES

- A. No separate payment will be made for waste material disposal under this Section. Include payment in unit price for related sections.

1.3 SUBMITTALS

- A. Submittals shall conform to requirements of Section 01330 - Submittal Procedures.
- B. Submit a copy of an approved "Development Permit", as defined in Chapter 19 of the Flood Plain Ordinance (City Ordinance Number 81-914 and Number 85-1705), prior to disposal of excess material in areas designated as being in a "100-year Flood Hazard Area" within the City. Contact the City Storm Sewer Engineering Section at 754-0881 for flood plain information.
- C. Obtain and submit disposal permits for proposed disposal sites if required by local ordinances.
- D. Submit a copy of written permission from property owner, along with description of property, prior to disposal of excess material adjacent to the Project. Submit a written and signed release from property owner upon completion of disposal work.

PART
2 PRODUCTS - Not Used

PART
3 EXECUTION

3.1 SALVAGEABLE MATERIAL

- A. Excavated Material: When indicated on Drawings, load, haul, and deposit excavated material at a location or locations shown on Drawings outside the limits of Project.
- B. Base, Surface, and Bedding Material: Load shell, gravel, bituminous, or other base and surfacing material designated for salvage into City of Houston trucks.
- C. Pipe Culvert: Load culverts designated for salvage into City of Houston trucks.
- D. Other Salvageable Materials: Conform to requirements of individual Specification Sections.

WASTE MATERIAL DISPOSAL

- E. Coordinate loading of salvageable material on City of Houston trucks with City Engineer.

3.2 EXCESS MATERIAL

- A. Vegetation, rubble, broken concrete, debris, asphaltic concrete pavement, excess soil, and other materials not designated for salvage, shall become the property of Contractor and shall be removed from the job site and legally disposed of.
- B. Excess soil may be deposited on private property adjacent to the Project when written permission is obtained from property owner. See Paragraph 1.03 D above.
- C. Verify the flood plain status of any proposed disposal site. Do not dispose of excavated materials in an area designated as within the 100-year Flood Hazard Area unless a "Development Permit" has been obtained. Excess material placed in a "100-year Flood Hazard Area" within the City, without a "Development Permit", shall be removed by Contractor at no additional cost to the City.
- D. Waste materials shall be removed from the site on a daily basis, such that the site is maintained in a neat and orderly condition.

END OF SECTION