

Addendum No. 7
Bid 039-19- Side Stream Storage Vessels
For
The City of Fairhope Public Utilities
Wastewater Department

To all Bidders and Others Concerned:

Please include the information contained herein as part of the bid documents.

CLARIFICATION:

This bid is a design build type project for the size and purpose of the vessels described herein. The City of Fairhope desires a product that is designed for the continuous storage of raw wastewater with a high potential for elevated concentrations of hydrogen sulfide gas. We are projecting a service life of 50 years for these vessels with a defined level of operation and maintenance requirements that may vary with each vessel manufacturer. The life cycle cost of these tanks is part of our evaluation process in the award of this bid.

We have tried to be diligent in our understanding of the methods available, from a construction materials and methods application perspective of these vessels, to narrow the focus of what we believe will offer the best product for our needs. Unfortunately, our attempts in this regard have caused more confusion than they may have solved.

We do intend to consider both **welded steel tanks** and **bolted steel tanks**. We now understand there may be several methods that have been developed by different tanks manufacturers to provide products that may offer the product we desire. We will accept proposals from manufacturers with coating, sealant and fastening systems developed for storing liquids with highly corrosive properties as intended with this bid. The manufacturer of the specific item, i.e., coating, sealant or fastener system shall be the authority we depend on to give us the documentation that supports that product for this use.

The supplemental information required with each bid will be used by Fairhope to provide a fair and reasonable assessment of each tank proposal, and the award of this bid will be to the proposal that is deemed to be the best product for Fairhope.

This will include our evaluation of the completed and in-service tanks that are attached to the bid form along with the supporting documentation that is requested, including the recommended periodic maintenance requirements of the tank. To be clear, cost is not the only criteria that will be evaluated in the award of this project.

Additional Items to be addressed:

1. The overflow pipe referenced in Addendum 6 is neither the inlet nor the outlet pipe. It is a pipe connecting to an internal overflow box sized to allow up to 1,500 gallons per minute flow, with less than 6" of water above the top of the box. It is anticipated that the tank will include a 12" diameter through wall flange by flange fitting that bolts to the weir box on the interior of the tank and bolts to a flanged 90° bend on the outside of the tank with a 12" diameter pipe on the outside of the tank terminating on the outside of the tank, 12" above the floor of the tank. This feature better describes the requirement of Section 2.04, Accessories, Paragraph C.
2. The 12" Inlet Pipe shall terminate 18" above the floor of the tank.
3. The grit removal structure is for collecting grit from the influent sewer coming to the vessel. The overflow, "internal weir structure", is to allow raw wastewater to be discharged from the tank once it reaches a point 11'-0" above the floor of the tank, which is where the top of the overflow weir will be set. This is to avoid raw wastewater being at a level above the internal curtain used to contain floating solids.

Thank you for your time and effort on this project.

Yours Very Truly,

Richard Peterson, PE, Director of Operations
The City of Fairhope Public Utilities

Bidders are to sign and include signed **Addendum 7** with submitted bid documents.

Acknowledged:

Company

By