

**ADDENDUM #1**

<u>PROJECT</u>	<u>BIDS DUE</u>
Charter Township of Garfield Potable Water Storage Tank	Date: April 19, 2017 Time: 10:00 AM

GFA Project No: 16037

The following clarifications and modifications are to be incorporated with the project This information shall supersede the previous information and be incorporated in the bid documents.

Request for Proposal

- Survey and Material Testing to be provided by Owner
- No prevailing wage requirements
- Proposals can either be mailed, hand delivered or emailed to the contact listed
- Project completion has been changed from August to October 30, 2017
- The tank operating volume shall be a minimum of 1,100,000 gallons and operate between 1101.5 (low water elevation) and 1131.5 (high water elevation).
- If proposing a prestressed concrete tank design, the following are allowed:
  - An interior concrete overflow / weir
  - Cathodic protection is not required
  - 5 year corrosion warranty
  - Dome ring in lieu of a step off platform
- The following list of local approved subcontractors is provided (this is not inclusive as others may considered)
  - Alpers Excavating, Team Elmers, Molon Excavating, Popp Excavating, Basch & Sons, MDC, DJ McQuestion

Specifications

- Section 13200-5: The ladder can be constructed of galvanized or aluminum
- SME October 2016 Geotechnical report provided an evaluation of the soil conditions and bearing capacity with regard to a 150 foot diameter / 15 foot tall tank. SME re-evaluated the soils per based upon the current tank configuration of 80 foot / 35 foot tall (approximately) and anticipate the maximum total settlement beneath the center of the tank shall range between about 1.5 to 2 inches. Total differential settlement (between the center and edge of tank) after filling the tank is anticipated to be in the range of about ¾ to 1 inch.
- Section 13200-15: Water Disposal to proposed basins, contractor shall anticipate to dechlorinate compliant with AWWA C655

## Plans

- Sheet C1.2: The owner is responsible to provide water to the site (as completed by other project divisions). The contractor is responsible to coordinate with the DPW for use of this water. Water will be under pressure and a pump will not be required.
- Sheet C2.1: The access route shown illustrates an existing and proposed gravel drive. The proposed gravel drive is to be completed in a different phase at a later date. The Contractor is responsible to stay within the designated 30 feet easement and existing terrain (without the proposed drive).
- Sheet C3.1:
  - Transducer to be provided by Owner and not Contractor.
  - Flapper valve and mesh on overflow pipe shall be constructed of non-corrosion material
  - The contractor is responsible for the final sizing of the overflow and associated weir to accommodate a fill rate in excess of 2,500 gallons per minute.
  - The contractor is responsible final sizing of the tank dimensions as long as the following parameters are met:
    - Tank operating volume shall be a minimum of 1,100,000 gallons
    - Tank shall operate between 1101.5 (low water elevation) and 1130 (high water elevation)
    - Tank finish floor shall be 1100
    - A minimum of 1 foot freeboard shall be provided inside the tank
  - Detail 4/C3.1 shall be revised to eliminate the proposed check valve and replace with a 15-inch gate valve and box. Two (2) 15-inch gate valves are to be installed along the drain line (1 before and 1 after the sump) constructed compliant with the specifications and detail 1/C3.2
  - The location of the 12inch diameter effluent pipe and associated 1inch sample line shall be relocated to the side of the tank and not in the center of the tank. The final orientation of all pipes shall be coordinated with the owner. The construction shall be consistent with detail 2/C3.1
  - Access doors and hatches shall be a minimum of 24 inch

This Addendum No. 1 becomes part of the Contract Documents as of this date and supersedes the information in the originally issued Contract Documents where applicable. The Contractor shall acknowledge receipt of the Addendum in the Bid Schedule included with his/her bid.