

To: Mayor and City Council

Cc: Gregg Mandsager, City Administrator  
Brian Stineman, Public Works Director

From: Kristy Korpi, Solid Waste Manager

Date: April 2, 2018

Re: Request to issue purchase order for well drilling at Muscatine County Landfill

**Introduction:**

The request for proposal for well drilling at the Muscatine County Landfill was prepared by Barker Lemar Engineering. The proposal was released in early January 2018. The project includes the installation of three bedrock monitoring wells and two water table wells screened above bedrock at the Muscatine County Sanitary Landfill. The contractor (driller) agrees to provide the services necessary for complete drilling of boreholes and construction of groundwater monitoring wells in accordance with Iowa Administrative Code Chapter 567-113 and any other Federal, State or Local requirements. In addition, the contractor (driller) will be required to document all activities. Bids were due on January 26, 2018.

The proposed drilling activities are necessary to identify the maximum extent of several constituents observed in adjacent monitoring wells and establish new wells to provide background data.

Two bids were received. The bidders were EB Solutions, Inc. of Cedar Rapids and TEAM Services of Des Moines. Based on the unit prices in the proposal and the estimated quantities per Barker Lemar Engineering the respective bids were \$42,765.00 (EB Solutions, Inc) and \$49,950.00 (TEAM Services).

Barker Lemar Engineering provided a quote for on-site observation and oversight of the contracted drillers. This estimate for 15 days of on-site observation was \$13,550.00. The daily rate for drilling observation is \$1150.00.

**Recommendation:** Staff requests a purchase order be issued to EB Solutions, Inc. for proper and complete drilling of boreholes and construction of groundwater monitoring wells. Staff requests an allowance not to exceed \$43,000.00 allowing a small buffer for drilling work.

Staff recommends that we utilize the services of Barker Lemar Engineering for only the initial day of drilling. This rate is \$1150.00. Barker Lemar is available for consult via phone if any unexpected situations arise as the drilling exercise continues. Staff requests approval of a purchase order to Barker Lemar Engineering for one day of oversight.