

**COUNCIL ACTION FORM**

**SUBJECT:**    **AWARD OF CONTRACT FOR WATER TREATMENT PLANT LIME  
SLUDGE DISPOSAL OPERATIONS**

**BACKGROUND:**

The City of Ames Water Treatment Plant (WTP) is a conventional lime-softening facility. The WTP generates approximately 22,000 wet tons of lime sludge each year. The lime sludge, a by-product of the softening process, consists primarily of calcium carbonate and magnesium hydroxide and is discharged from the treatment process into storage lagoons located west of the WTP. To continue to have adequate lime sludge storage, the storage lagoons are cleaned out annually. Once removed from the storage lagoons, the lime sludge is applied to agricultural land as a soil conditioner. For the past 25 years, the WTP has used land application as the primary disposal method.

The current contract for cleaning out the lime sludge lagoons and disposing of the lime sludge will end on June 30, 2018. Staff intends to have a new lime sludge disposal contract in place by July 1, 2018 to ensure that adequate lime sludge storage remains available. This contract will be renewable for five years with successful performance each year. Payment for the work will be out of the water plant operations budget.

A request for proposals was sent on March 28, 2018, and on April 26, 2018 the City received two complete proposals. Wulfekuhle Injection and Pumping Inc. was the apparent low bidder in the amount of \$381,900, based on an estimated quantity of 28,000 wet tons. A copy of the bid tabulation is attached. Wulfekuhle did not include any annual inflation factor or cost adjustment with their bid, meaning their pricing would be fixed for the next five years. The Water Plant operating budget (FY 2018/19) allocated \$381,806 for removal of the lime sludge.

**ALTERNATIVES:**

1. Award a contract to Wulfekuhle Injection and Pumping Inc. of New Vienna, Iowa in the amount of \$381,900.
2. Award a contract to the other bidder.
3. Reject all bids and do not award a contract at this time.

**MANAGER'S RECOMMENDED ACTION:**

The current contract to dispose of lime sludge at the WTP will expire on June 30, 2018. It is in the City's best interest to continue lime sludge disposal operations to ensure that adequate lime sludge storage is available. Therefore, it is the Manager's recommendation to approve Alternative No. 1 as stated above.

<b>CITY OF AMES, IOWA</b>				
Mike Adair, Procurement Specialist II E-mail: madair@city.ames.ia.us				
<b>Bid No. 2018-139</b>				
<b>Five Year Sludge Disposal Operation</b>	<b>1 / Year, Lump Sum, Mobilization</b>	<b>28,000 / Year, Wet Tons Removed (Cells A,B,C,D)</b>	<b>4 /Year*, Per Application, Dust Control Application</b>	<b>TOTAL BID AMOUNT PER YEAR:</b>
<b>BIDDERS</b>				
Wulfekuhle Injection & Pumping Inc.	\$6,900.00	\$13.25	\$1,000.00	\$381,900.00
Synagro Central, LLC	\$12,499.00	\$13.75	\$600.00	\$399,899.00