

COUNCIL ACTION FORM

**SUBJECT: ENGINEERING SERVICES FOR THE CONSTRUCTION OF THE
WATER POLLUTION CONTROL FACILITY BIOSOLIDS STORAGE
TANK**

BACKGROUND:

In April 2010, Howard R. Green Company completed a Biosolids Storage, Handling and Disposal Study for the Ames Water Pollution Control Facility (WPCF). The study included the evaluation of the current and future biosolids storage needs. The study concluded that additional biosolids storage capacity is currently needed to provide 365 days of biosolids storage and greater flexibility for land application of biosolids during years where weather conditions limit application periods. The study concluded that an additional 1.6 million gallons of biosolids storage capacity is needed at the facility to accommodate current storage needs and to better position the facility to handle biosolids quantities resulting from future nutrient removal requirements.

On March 8, 2013, a request for proposals (RFP) for engineering services was issued for the design of a new 1.6-million-gallon biosolids storage tank. On April 12, 2013, the city received four proposals in response to the RFP. Firms were asked to submit their fee proposals in separate sealed envelopes from their qualifications-based proposals to allow staff to make a selection based strictly on the firms' qualifications for the project.

After a thorough review of each firm's proposal, staff decided Veenstra & Kimm, Inc. was the most qualified firm for the project. Following selection of Veenstra & Kimm, fee proposals were opened. Fee proposals for each of the firms submitting proposals for this project are listed below.

Firm	Fee Proposal
HDR	\$228,700
H.R. Green	\$151,200
S.E.H.	\$371,900
Veenstra & Kimm	\$124,400

After finalizing the scope of services with Veenstra & Kimm, their final proposed fee for completing the design, bid, and construction phase engineering services is \$144,400. The increase in the proposed fee includes the addition of necessary geotechnical work and special inspections required by the International Building Code. The current project budget includes \$228,000 for design, bid and, construction phase engineering services.

ALTERNATIVES:

1. Award a contract for engineering services to Veenstra & Kimm, Inc. of West Des Moines, Iowa for design, bid and, construction phase engineering services for the construction of the WPCF Biosolids Storage Tank in the amount not to exceed \$144,400.
2. Award the contract for engineering services to one of the other three companies.
3. Do not award a contract to Veenstra & Kimm, Inc. and do not construct the biosolids storage tank at this time.

MANAGER'S RECOMMENDED ACTION:

Adequate biosolids storage capacity is necessary to allow the Water Pollution Control Facility to maintain uninterrupted operation. Since biosolids are reused as a soil fertilizer on surrounding city-owned farm ground, additional biosolids storage is currently needed to allow more flexibility when weather conditions restrict land applications periods. Furthermore, additional biosolids storage will be needed when future nutrient removal requirements are implemented at the facility.

Therefore it is the recommendation of the City Manager to adopt Alternative No. 1, thereby awarding a contract to Veenstra & Kimm, Inc. of West Des Moines, Iowa in an amount not to exceed of \$144,400.