



Agenda # 22
Commission Meeting Date:
August 7, 2012

**CITY OF GREAT FALLS
COMMISSION AGENDA REPORT**

Item: Construction Contract Award: WWTP RAS Pump Upgrades, O.F. 1457.7
From: Engineering Division
Initiated By: Public Works Department
Presented By: Jim Rearden, Public Works Director
Action Requested: Consider Bids and Award Construction Contract

Suggested Motion:

1. Commissioner moves:

“I move the City Commission award a contract in the amount of \$43,450.00 to Cascade Electric Company Inc. for the WWTP RAS Pump Upgrades, O. F. 1457.7, and authorize the City Manager to execute the agreements.”

2. Mayor calls for a second, discussion, inquiries from the public, and calls for the vote.

Staff Recommendation: Approve construction contract award.

Background:

Significant Impacts

During a recent energy audit conducted at the Wastewater Treatment Plant through an ARRA program, it was recommended that the Return Activated Sludge (RAS) pumps be upgraded to improve their efficiency. As part of this project the five RAS pumps will be upgraded with variable frequency drives (VFDs) to better control their output and decrease the amount of energy required to operate them.

Workload Impacts

GPD, PC Consulting Engineers (GPD) completed the project design and will perform construction inspection and contract administration duties. City engineering and Veolia staff are assisting with project administration duties.

Purpose

This project will replace the control systems for the five RAS pumps to allow for better operational efficiency of those pumps. This increased efficiency will translate into energy savings.

Project Work Scope

This project will install VFD controls on the five RAS pumps located at the Wastewater Treatment Plant, and the existing motor controls will be removed. The VFD installations will be done in a phased process to allow for normal plant operations.

Evaluation and Selection Process

Four bids were received and opened for this project on July 18, 2012. The bids ranged from \$43,450.00 to \$63,000.00. Cascade Electric submitted the low bid and executed all the necessary bid documents.

Conclusion

City staff recommends awarding the construction contract to Cascade Electric in the amount of \$43,450.00

Fiscal Impact:

The attached bid tabulation summarizes bids that were received. This project will be funded through a \$40,000 ARRA grant with the remaining funds coming from the Sewer Capital Fund.

Alternatives:

The City Commission could vote to deny award of the construction contract.

Attachments/Exhibits:

1. Bid tabulation is attached. (Not available online; on file in City Clerk's Office.)