



Agenda # 11
Commission Meeting Date: June 21, 2016
CITY OF GREAT FALLS
COMMISSION AGENDA REPORT

Item: Final Payment: Gore Hill Pump Station Electrical Improvements
Office File 1625.5

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Approve Final Pay Request (Office File 1625.5)

Suggested Motion:

1. Commissioner _____ moves:

“I move the City Commission (approve/not approve) Final Payment for the Gore Hill Pump Station Electrical Improvements in the amount of \$31,954.78 to AE2S Construction, LLC (ACL) and \$322.78 to the State Miscellaneous Tax Fund and authorize the City Manager to make the payments.”

2. Mayor requests a second to the motion, Commission discussion, public comment, and calls for the vote.

Staff Recommendation: Approve Final Payment Request.

Summary: ACL has completed the installation of the electrical components and has completed the punch list items associated with the Gore Hill Pump Station improvements. ACL is requesting Final Payment.

Background:

Significant Impacts

This project replaced and upgraded key electrical components of the Gore Hill Pump Station. Replacement parts for some of the components were not readily available thus repair work may have resulted in significant down time. This pump station is the only source of water for the Gore Hill area which includes the airport. Water plant electrical staff was also concerned that if electricity needed to be shut off at the main breaker, they would not have been able to reenergize the station.

Workload Impacts

The City has a Professional Services Agreement with Advanced Engineering and Environmental Services, Inc. (AE2S) to provide design, construction inspection, and some

administrative services. City engineering and water plant staff also assisted with project administration duties.

Purpose

The purpose of this project was to replace existing electrical components of the Gore Hill Pump Station that were of such an age that replacement parts were not readily available. In some cases, the parts were no longer manufactured.

Project Work Scope

The project included replacing the Gore Hill Pump Station switchgear, panel boards, associated motor control center electrical devices, the main electrical service line, and the pump motor conductors. The project also included the addition of Variable Frequency Drives on all three pump motors and addition of an Automatic Transfer Switch including external receptacle to allow the facility to be provided power by a portable generator.

Final Payment

The final project cost is \$302,908.82 which is \$5,591.18 less than the amount that was originally awarded and approved.

Conclusion

City staff recommends making the Final Payment. AE2S and City staff verified that ACL has completed all work and punch list items in accordance with the plans and contract. The two year warranty period started at the time of substantial completion which was April 6, 2016.

Fiscal Impact:

This contract is funded through Water Treatment Capital Funds.

Alternatives:

The City Commission could vote to deny Final Payment.

Concurrences:

The City's consultant for this project, AE2S, concurs with the recommendation to approve the Final Payment request.

Attachments/Exhibits: