



Agenda # 10
Commission Meeting Date:
March 19, 2013

**CITY OF GREAT FALLS
COMMISSION AGENDA REPORT**

Item: Final Payment – Lift Stations #10, #12 and #25 Can Replacement and Miscellaneous Improvements, O.F. 1457.5

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Approve Final Pay Request

Suggested Motion:

1. Commissioner moves:

“I move the City Commission approve Final Payment for the Lift Stations #10, #12, and #25 Can Replacement and Miscellaneous Improvements, O.F. 1457.5 in the amount of \$3,152.16 to Intermountain Construction Services, LLC (ICS), and \$31.84 to the State Miscellaneous Tax Fund and authorize the City Manager to make the payments.”

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

Staff Recommendation: Approve final payment request.

Background:

Significant Impacts

This project involved replacement and rehabilitation work at Lift Stations #10, #12, and #25 due to corrosion experienced at the stations.

Project Work Scope

Lift Station #10 is located on 7th Avenue North and 45th Street and serves the Portage Meadows area. Lift Station #12 is located along Park Drive South at Broadwater Bay and serves the adjacent business park. Lift Station #25 is located in Fox Hollow Park along Coyote Lane and serves the Fox Farm Area.

Workload Impacts

NCI Engineering Co. (NCI) completed the project design and performed construction inspection and contract administration duties. City engineering and Veolia staff assisted with project administration duties.

Purpose

Due to groundwater and corrosive soils located at these lift stations, severe corrosion had taken place in the dry wells. In some cases, groundwater had begun to leak into these stations, and left unchecked, could have caused operational problems and possible shutdowns. The dry wells of Lift Stations #12 and #25 had been completely corroded through and were not salvageable. Total replacement of the dry well cans and all pumping equipment needed to be performed. Any usable equipment located in these lift stations was salvaged and used for backup purposes. Lift Station #10's dry well was tested to gauge the current metal thickness and, comparing that thickness to the original installation condition, showed that adequate thickness remained. The interior of this dry well was sandblasted and recoated. No equipment replacement was performed for this station. While work was being done on the dry wells of the three stations, coating work in the wet wells was performed as well. Those wet wells were uncoated and some signs of corrosion had begun to show. A summary of the work performed at each lift station is listed below:

- Lift Station #10
 - Dry well was sandblasted and recoated
 - Wet well was sandblasted and coated
 - Adjacent obsolete lift station was abandoned

- Lift Station #12
 - Dry well was completely replaced including all equipment
 - Wet well was sandblasted and coated

- Lift Station #25
 - Dry well was completely replaced including all equipment
 - Wet well was sandblasted and coated

Original Bid Opening Date:

Three bids were received and opened for this project on July 20, 2011 with the bids ranging from \$569,900.00 to \$687,940.00. ICS submitted the low bid.

Commission Award Date:

The City Commission awarded the contract to ICS on August 2, 2011.

Final Payment:

The final project cost is \$550,036.13 which is \$19,863.87 less than the amount that was awarded and approved. \$4,327.50 of this difference was the amount deducted from the contractor's payment for additional inspection charges incurred from NCI due to the contractor going past the contract time. The remaining \$15,536.37 was due to no repairs being needed on the gravity and sewer force mains that connect to the lift stations.

Conclusion

Public Works staff, along with the concurrence of our consultant NCI, has verified that ICS has completed all work and punch list items in accordance with the plans and contract. The City can accept the project and execute the Final Payment. The project was not completed within the contract time and the additional inspection charges incurred were deducted from the final pay amount. The two year warranty period started at the time of substantial completion which was August 14, 2012. The delay between substantial

completion and final pay was due to punch list items only recently completed by the contractor. At the time of final pay, one subcontractor, Boland Construction and Drilling, has a pending payment claim against ICS. ICS has submitted an affidavit acknowledging this and absolving the City of Great Falls against any future claims for this project. The project has a payment bond in place guaranteed by the contractor to potentially pay the claim if required.

Fiscal Impact:

This project was funded from the Sewer Capital Fund.

Alternatives:

The City Commission could vote to deny Final Pay.

Attachments/Exhibits:

None