



Agenda # 6
Commission Meeting Date:
October 7, 2014

**CITY OF GREAT FALLS
COMMISSION AGENDA REPORT**

Item: Final Payment – Engineering Professional Services: Sanitary Sewer Trunk Line Inspection, O.F. 1674

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 Engineering Services associated with the Sanitary Sewer Trunk Line Inspection, O. F. 1674, in the amount of \$500.00 to Hydromax USA (Hydromax) 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:

Purpose:

The sewer system components included in this assessment are between 50 and 100 years old. These aging sanitary sewer lines needed to be evaluated to determine their current conditions and allow for designing preventative maintenance projects to extend the life of the pipe. If found to be in suitable condition, the sewers inspected during this project will be included in a future project to line the pipes. Any sewers currently unsuitable for lining will be repaired to a point that will allow them to be lined.

Evaluation and Selection Process

Two vendors were identified who provided the ability to survey trunk mains with heavy flow conditions. Each provided similar rates for their services. Hydromax had the added ability to use a laser system to determine existing pipe thickness should the City need to use this service. After discussing our local conditions, Hydromax was selected as the favorable service provider for this task.

Commission Award Date:

The City Commission awarded the contract to Hydromax on June 3, 2014.

Final Payment: The final project cost is \$106,401.86 which is \$18,598.14 less than the amount that was awarded and approved. The contract was less expensive than anticipated and an additional 6,382.6 feet of sewer was inspected. This change was possible due to the flows in the system being lower than expected and not requiring the more costly floating sonar inspection methods.

Project Work Scope

Hydromax provided a camera survey of 31,622.6 linear feet of sanitary sewer pipe. The pipes inspected were between 24 inches and 48 inches in diameter and included the following segments: 7,636 feet along Park Drive and 3rd Street, 7,572 feet along 6th Street and 8th Street, 5,670 feet along 8th Avenue North and 12th Street North, 4,362 feet along 14th Street Southwest and 10th Avenue Southwest, 4,381 feet along West Bank Park, and some additional small sections at other locations in the city. They have provided their collected data including electronic files with video and sonar data.

The initial findings presented by Hydromax indicated that the sewer lines investigated were in an overall good condition. City staff will review the submitted videos and reports in order to develop plans for repairing damaged sewer lines and developing a lining project to extend the service life of these sewers.

Conclusion

City staff recommends making the Final Payments. City staff has verified that Hydromax has completed all investigations and provided all data and reports required by the contract.

Fiscal Impact:

The funding will come from sanitary capital funds.

Alternatives:

The City Commission could vote to deny Final Payment.

Attachments/Exhibits: