



Agenda # 17
Commission Meeting Date:
July 7, 2015

**CITY OF GREAT FALLS
COMMISSION AGENDA REPORT**

Item: Change Order # 1 and Final Payment – 18th Street South Storm Drain Improvements Phase 3 Chowen Springs Detention Pond, O.F. 1462.3

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Approve Change Order #1 and Final Pay Request

Suggested Motion:

1. Commissioner moves:

"I move the City Commission approve Change Order # 1 in the amount of \$3,219.50 for the 18th Street South Storm Drain Improvements Phase 3 Chowen Springs Detention Pond, O.F. 1462.3, and approve Final Payment in the amount of \$14,079.17 to United Materials of Great Falls, Inc. (United) and \$142.21 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 Change Order # 1 and Final Payment Request.

Background:

Purpose:

The primary objective of this project is to create a pond that will function as a storage area for overflow from the 18th Street storm drain system. New storm main pipes installed in the drainage basin will convey stormwater away from past problem areas in the system more efficiently, adding flow to the storm drainage system. In very large storm events, this pond will provide a temporary location to detain the additional flow of stormwater in the pipe system.

In addition to Phase 3 described above, the following storm drain improvements have recently been installed or are currently in design: 1) new upsized pipe from the intersection of 15th Avenue South and 23rd Street South across UGF and to the north on 20th Street South before continuing north along 18th Street South and 17th Street South and connecting to existing large diameter pipe in Central Avenue; 2) new inlets along the new pipe at areas that experience flooding; 3) an overflow channel on the west side of the intersection of 15th Avenue South and 23rd Street South, which will convey water from

the intersection to a new stormwater detention pond located on UGF property; and 4) the expansion of the Sand Hills Pond.

Original Bid Opening:

Four bids were received on August 20, 2014 with the bids ranging between \$261,980.00 and \$318,485.00. One bid was rejected as non-responsive. United Materials submitted the low bid.

Commission Award Date:

The City Commission awarded the contract to United Materials on September 2, 2014.

Final Payment: The final project cost is \$265,199.50 which is \$3,219.50 greater than the amount that was originally awarded and approved. Change Order # 1 is proposed to account for the additional funding needed for the replacement of the existing irrigation system components outside of the construction area. The existing irrigation system in Chowen Park was a manually operated system installed in 1980. A method for properly connecting the irrigated areas outside of the construction to the new automated irrigation system installed with the project could not be provided. This change adds 1.25 acres of irrigation coverage to the planned construction area of 3.5 acres. The Change Order will provide \$3,219.50 to the contractor to compensate for this design improvement and additional work.

Project Work Scope

This project consisted of detention pond excavation and embankment, 100 linear feet of water line insulation board, abandoning a 6-inch water main, 113 square yards of erosion control matting, 623 linear feet of 15-inch PVC storm drain pipe, 5 area inlets, installing a stormwater check valve, lowering an 8-inch water line, seeding, electrical service and an irrigation system.

Conclusion

City staff recommends making the Final Payments and recommends approving the Change Order for the 18th Street South Storm Drain Improvements Phase 3 Chowen Springs Detention Pond, O.F. 1462.3 to United Materials.

City staff has verified that United Materials has completed all work and punch list items in accordance with the plans and contract. The project was completed within the contract time. The two year warranty period started at the time of substantial completion which was November 16, 2014.

Fiscal Impact:

City storm drain funding is programmed to fund this project.

Alternatives:

The City Commission could vote to deny the Final Payment and Change Order.

Attachments/Exhibits:

1. Change Order #1 is attached.

Change Order

No. 1

Date of Issuance: 7/7/15 Effective Date: 7/7/15

18 th Street Storm Drain Improvements Phase 3 Chowen Springs Detention Pond O.F. 1462.3	Owner: City of Great Falls	Owner's Contract No. : O.F. 1462.3
Contractor: United Materials of Great Falls, Inc.		Date of Contract: September 2, 2014
Address: P.O. Box 1690 Great Falls, MT 59403		Project Number.: 361406

The Contract Documents are modified as follows upon execution of this Change Order:
 This Change Order allows for additional irrigation zones to be upgraded in Chowen park that are outside of the main construction area. With the installation of the new irrigation system, all irrigation in the park needs to be upgraded to work efficiently with the new control valves.

Attachments: (List documents supporting change):

CHANGE IN CONTRACT PRICE:
 Original Contract Price:
\$ 261,980.00
 [Increase] [Decrease] from previously approved Change Orders No. 0 to No. _____:
\$ _____
 Contract Price prior to this Change Order:
\$ 261,980.00
 [Increase] [Decrease] of this Change Order:
\$ +3,219.50
 Contract Price incorporating this Change Order:
\$ 265,199.50

CHANGE IN CONTRACT TIMES:
 Original Contract Times:
 Working days Calendar days
 Substantial completion (days or date): _____
 Ready for final payment (days or date): _____
 [Increase] [Decrease] from previously approved Change Orders No. 0 to No. _____:
 Substantial completion (days): _____
 Ready for final payment (days): _____
 Contract Times prior to this Change Order:
 Substantial completion (days or date): _____
 Ready for final payment (days or date): _____
 [Increase] [Decrease] of this Change Order:
 Substantial completion (days or date): _____
 Ready for final payment (days or date): _____
 Contract Times with all approved Change Orders:
 Substantial completion (days or date): _____
 Ready for final payment (days or date): _____

RECOMMENDED:
 By: Courtney Zyzanski
Engineer (Authorized Signature)
 Date: 6/18/15
 Approved by Funding Agency (if applicable): _____

ACCEPTED:
 By: _____
Owner (Authorized Signature)
 Date: _____

ACCEPTED:
 By: Laminia M. Anderson
Contractor (Authorized Signature)
 Date: 6/11/15