



City Council

Approval of Change Order 3 for the Log Cabin Road Reservoir Project

Agenda Date: 11/14/2017
Agenda Item Number: 4.G
File Number: 17-1125

Type: decision **Version:** 1 **Status:** Passed

Title

Approval of Change Order 3 for the Log Cabin Road Reservoir Project

Recommended Action

Committee Recommendation:

Not referred to a committee.

City Manager Recommendation:

Move to approve Change Order No. 3 in the amount of \$25,600.91 and authorize the City Manager to execute the Change Order.

Report

Issue:

Whether to approve Change Order No. 3 for the Log Cabin Road Reservoir Project.

Staff Contact:

Tim Richardson, P.E., Project Manager, Public Works Engineering, 360.753.8749

Presenter(s):

None - Consent Calendar Item.

Background and Analysis:

The construction for the Log Cabin Road Reservoir began in April. After record winter and spring rains, the soil along the access road/pedestrian pathway to the reservoir- about 800 feet of the 2,200 total length - became saturated. The previous Change Order 2 was to remove the saturated soil and add geotextile fabric and rock. This would create a firm base for construction equipment and keep the access road/pedestrian pathway on the planned alignment.

Change Order 3 is to add additional crushed rock along the access road/pedestrian pathway in the areas that the saturated soil was excavated with Change Order 2. This work raises the grade so that low areas will not become saturated as occurred last winter. The access road/pedestrian pathway should remain accessible for construction equipment all winter with this work.

The Change Order pays for extra effort needed to grade and add additional crushed rock along the

access road/pedestrian pathway. The contractor's work was tracked on a time and materials basis.

The City's construction inspector observed work done and signed off daily.

Council approval is required once the cumulative cost of change orders crosses the threshold of \$300,000.

Change Order No. 1, \$287,525.28, has already been paid to the contractor. Change Order No. 2 made the total cumulative change order cost \$377,489.28. Change Order No. 3, \$25,600.91 makes the total cumulative change order cost \$403,090.19. This also will complete payment to the contractor for work performed at the City's request.

Staff does not foresee additional large change orders to complete the project.

The reservoir construction will be completed in July 2018.

Neighborhood/Community Interests:

Completing the work in a timely fashion helps keep the overall construction on schedule.

Options:

1. Approve Change Order No. 3 in the amount of \$25,600.91 and authorize the City Manager to execute Change Order No 2.

The project continues to proceed as planned.

2. Do not approve the Change Order No. 3 and request staff to deny paying for the Change Order.

This option will put the City at risk for claims, since we directed that the work be done.

Financial Impact:

The project is in the City's Capital Facilities Plan with funding by the Drinking Water Utility. The U.S. Environmental Protection Agency (EPA) provides financing through the Washington Drinking Water State Revolving Fund (DWSRF) program.

The cumulative change order of \$403,090.19 is 5.5 percent of the construction contract of \$7,298,722.88. This is within the 10% construction contingency. There are sufficient funds in the budget to complete this project.

Overall project costs:

Total Low Bid:	\$ 7,298,722.88
Contingency to Award (10%):	\$ 729,872.29
	\$
Total Estimated Construction Cost: Total Change Orders to Date	\$ 7,668,708.51
Remaining Contingency: Attachments: None	\$ 403,090.19
	\$ 326,782.10