



Town of Johnstown

TOWN COUNCIL AGENDA COMMUNICATIONS

AGENDA DATE: January 19, 2022

SUBJECT: Johnstown Reservoir Dam Repair Project

ACTION PROPOSED: Authorize additional funds for the Johnstown Reservoir Dam Repair Project – Change Order # 3

ATTACHMENTS:

1. Johnstown Reservoir Dam Repair – Change Order #3 Alternatives
2. Johnstown Reservoir Dam Repair – Change Order #3 Revised Cost

PRESENTED BY: Ellen Hilbig, Utilities Director

AGENDA ITEM DESCRIPTION:

Enclosed for Councils review and consideration is a request to authorize Change Order #3 to the Johnstown Reservoir Dam Repair project in the amount of \$52,285.00 due to unforeseen site conditions.

At the December 13, 2021 Council Meeting, Staff discussed the need for a change order to the Johnstown Reservoir Dam Repair project that was awarded to J-2 Contracting Company at the September 8, Council Meeting. The change order was required due to the depth the Contractor found the competent bedrock below the outfall encasement and required repairs. The extent of the additional excavation to reach the competent bedrock left an open hole in the dam structure that the State Dam Engineer required the Town to structurally stabilize using one of two acceptable options of either concrete fill or caissons. The Contractor provided a price for the concrete fill option of \$107,267.50 and a price for the caisson option of \$117,530.00.

With the Council's knowledge of the pending change order, Staff was given authorization to move forward, to not delay the construction schedule. Staff conferred with the Design Engineer, JT Consulting, and State Dam Engineer and the preferred method to fill the space between the competent bedrock and the outfall encasement location was the concrete fill. The actual price for the work ended up being \$97,285.00, reducing the anticipated change order by approximately \$10,000. J-2's contract also had a built-in contingency of \$45,000 that was used towards Change Order #3 resulting in a total amount of \$52,285.00.

The Community That Cares

www.TownofJohnstown.com

P: 970.587.4664 | 450 S. Parish Ave, Johnstown CO | F: 970.587.0141

The total project costs for the Johnstown Reservoir Dam Repair project prior to this request for additional funds was \$1,725,155.00 which included design, construction, and construction administration for the original contracted amount of \$1,085,495.00 as well as the additional services amount of \$639,660.00 approved on November 18, 2021 for dredging of the reservoir.

The additional services requested with this communication for Change Order #3, total \$52,285.00. A budget amendment may be required to address project funding adjustments in the 2022 budget based on the amount of funds expended during FY 2021 that may not have reached the projected amount.

Shown below is an overview of the current total project expenses:

Scope of Work	Amount
J&T Design Services	\$66,150.00
J&T Phase 1 Construction Administration	\$70,870.00
J&T Phase 2 & Closeout Construction Administration	\$19,800.00
J-2 Construction Contract Phase 1	\$707,680.00
J-2 Construction Contract Phase 2	\$240,795.00
J-2 Construction Contract Change Order #1a Dewatering	\$88,500.00
J-2 Construction Contract Change Order #1b Dredging	\$479,750.00
J-2 Construction Contract Change Order #2 State Revisions	\$51,610.00
J-2 Construction Contract Change Order #3 State Revisions	\$52,285.00
Total	\$1,777,440.00

LEGAL ADVICE:

N/A

FINANCIAL ADVICE:

The project total cost now is \$1,777,440. Funds will likely need to be appropriated in FY 2022 to cover Change Order #3 in the amount of \$52,285 and any appropriations not fully expended in FY 2021 for the project.

RECOMMENDED ACTION: Approve Change Order #3 as presented

SUGGESTED MOTIONS:

The Community That Cares

www.TownofJohnstown.com

P: 970.587.4664 | 450 S. Parish Ave, Johnstown CO | F: 970.587.0141

For Approval:

I move to authorize Change Order #3 to include if necessary, additional funds in the amount of \$52,285.00 for a total project cost of \$1,777,440 with the knowledge that a budget amendment may be required in the FY 2022 budget.

For Denial:

I move to deny the request for additional services as presented and direct Staff to reevaluate the project needs.

Reviewed and Approved for Presentation,



Town Manager