


Memo

To: City Council
From: Amy E. Gilson, P.E., Director of Public Works
Date: February 9, 2017
Re: Grit Removal Project Change Order



In accordance with Section 2-182 of the City Ordinances, this memo is to advise you of the approval of certain changes to the grit removal project to ensure the project is not delayed which would incur additional fees for the idling of the contractor.

1. Raise the ceiling in the grit room to allow improved clearance at the lifting rail (see attached). After review, it seems very reasonable considering the work which includes the following:

A. Demo and dispose of the existing ceiling framing, Install hangers & 2x4s: The design planned for reusing the existing framing; revealing it showed it to be deteriorated to the point of being dangerous and beyond repair.

B. Masonry patch: There is an abandoned duct above the ceiling that will become exposed. The charge is to remove the duct and patch the masonry walls in two locations. Further, some of the joints of the exposed mortar between the block that will become exposed is either cracked or otherwise not to a finish quality, as it was no doubt believed it would be hidden from sight. These are what is referenced as "tool open joints".

C. Dave Cole Decorators: The painter will prime and paint the newly exposed sections of the masonry walls.

Increase: \$4,998.00

2. Xypex concrete additive modification: \$1,075.00 DEDUCT.

3. Channel wall removal: There was an extended 8" long section of wall in the influent grit channels that was not discovered until the grates were lifted and demolition begun. This section needed to be removed as it disturbed the flow into the grit chamber. The cost to remove the additional concrete was \$536.00.

4. Sump Pump drain bypass: Once the channels were drained, it was discovered that the basement sump pump, which is used to drain the sampling sink in the basement of the grit building, emptied into the grit channel above. In order to keep the sampling sink in operation, the contractor was directed to connect a run of PVC into the grit washer room floor drain that empties into the equalization tank. This item took some time and consideration to figure out how and where to reroute the flow. The cost of this was \$935 to do the install and will cost an additional \$532 to reinstall it following startup. Increase: \$1,467.00.

For Change Order #1 we are looking at a net increase of \$5,926.00 (1.1% contract increase) change order at this point if all done at once.

Please let me know if you have any questions.

cc: Gregg Guetschow, City Manager

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