

Heber Public Utility District

REPORT TO BOARD OF DIRECTORS

MEETING DATE: September 21, 2017

FROM: Laura Fischer, General Manager

SUBJECT: Approve Change Order Number 12 in the amount of \$30,541.60 for necessary changes to the Water Treatment Plant Improvement Project.

ISSUE:

Shall the Board of Directors approve change order number 12 in the amount not to exceed \$30,541.60 for necessary changes to the Water Treatment Plant Improvement Project?

GENERAL MANAGER'S RECOMMENDATION:

It is recommended that the Board of Directors approve change order number 12 in the amount not to exceed \$30,541 for necessary changes to the Water Treatment Plant Improvement Project.

FISCAL IMPACT:

This change order in the amount of \$62,601.54 will not exceed the existing contingency balance for this project.

Total Project Contingency Funds	\$734,735.00
HPUD Approved Change Orders	\$703,217.84
HPUD Change Order #12 on agenda 9/21/17	\$ 30,541.60
Balance of Project Contingency Fund =	\$ 975.54

Additional Change Orders Not Included in Project Funding:

- Change Order #3 was previously approved. This change order was for the logo on the tank in an amount not to exceed \$14,000.00.
- Change Order #9 was on the agenda for approval at the 6/15/17 meeting. This change order was to replace the sign at the water treatment plant in an amount not to exceed \$2,131.29.

DISCUSSION:

The changes outlined in change order number 12 are necessary and required to complete construction of the water treatment plant project.

- Repairs to Roof Panels of 3 MG Tank: \$ 640.74
Repairs to loose roof panel connections to the 3 MG Water Tank.
- Contract Days: estimate of 160 calendar days.
Project is on schedule for completion in the third week of September.
Contractor requests of additional contract days for unforeseen conditions.
- Chemical Injection Inlet for Clarifier/Filter Units: \$ 2,052.00
Installation of three (3) new new injection quills for the Clarifier/Filter Units.
- Limit Switches for Surge Anticipator Valve: - \$ 1,619.25
Installation of a limit switch at surge anticipator valve at high Service Pump Station.
The limit switch is required for triggering an alarm in case of a by-pass flow.

- Removal of old Booster Pumps: \$2,053.12
Removal of old booster pumps and motors for the High Service Pump Station and salvage to HPUD Operators.
- Electrical for Blower's Thermal Switch and Cathodic Protection: \$5,846.41
Replacement of electrical conduit and wiring for Clarifier/Filter Units' Blowers' thermal switches. Repair of previously damage electrical wiring conduit and wiring for the 1.7 MG Tank, to have cathodic protection placed back into operation.
- Chlorine Analyzer and Turbidity Meter Station: \$35,883.00
Relocation of new Chlorine Analyzers and Turbidity Meters in an air conditioned building, and installation of new drain pipeline to discharge sampled water.
- Relocation of Turbidity Meter and Sample point as directed by DDW: \$12,267.08
Upon review and inspection by Division of Drinking Water (WTP regulatory agency) it was requested that a previously installed turbidity meter and sample point be relocated to different areas of the water treatment plant.
- Credit for Permit Fees by Contractor: \$29,820.00 (credit)
Remaining permit fees that were not utilized in Permit Fee Bid line item.

CONCLUSION:

Approval of change order number 12 is necessary and prudent. It is staff's recommendation to approve change order #12 in the amount of \$30,541.60 as presented.

Respectfully Submitted,

Laura Fischer, General Manager