



ITEM REPORT UTILITIES COMMISSION

Agenda Date: 11/7/2024
Agenda Section: Information Only

Department Origination: Public Works

Agenda Item: Lift Station No. 15 Reconstruction Project Monthly Update

Approval Required: No Action Required

BACKGROUND

The project is complete, and the lift station is 100% functional. The contractor completed the following work during in October:

- Installed new controller and radio in the control cabinet
- Valve vault piping and fitting replacement
- Remaining site removals
- Bituminous paving
- Concrete pad construction
- Site restoration

Changes to the project total \$12,710.96 as outlined in the Change Order 1 documentation. Changes include the following:

- The valve vault was lowered approximately 5" to match the height of the wetwell and create a level driveway and working surface next to the 32.5' deep lift station. Work included excavation, cutting down the concrete structure and backfilling/compacting the excavation.
- A concrete pad was constructed next to the wet well control panel. The slope and between the control panel on the wet well and existing electrical ground mounted transformers was too steep to pave in with bituminous and required a formed up concrete pad to make it safe area for staff to operate and maintain the control panel.
- Per the State Electrical Code, the vent must be located a minimum of 60" from the control cabinet. The vent pipe was extended approximately 8' vertically to meet the requirement.
- Pipe supports were installed in the valve vault to support the pipe and valves for future maintenance activities.
- The conduit for the communications antenna was extended to the top of the wood pole closer to the antenna location. This was done to limit interference from the control cabinet and to add additional protection for the antenna cable.
- The power meter was relocated from the control panel to the wood pole housing the communications antenna and yard light. This work was required by code.
- The yard light was raised to avoid conflicts with the vac truck boom operation during lift station maintenance activities. The vac truck boom needs to clear the raised vent pipe which resulted in conflicts with the yard light.

The final walkthrough was completed, and punch list developed on September 25, 2024. All punch list items are complete, however; turf has not been established and the contract will need to remain open until next year.

Partial Pay Estimate No. 3 is being presented in the amount of \$48,390.96. Retainage in the amount of \$3,000 will be withheld until turf is established in 2025.

The City budgeted \$236,500 for this project. With the Change Order, total project cost is estimated to be \$181,310 which is \$55,190 below budget.

FINANCIAL IMPLICATIONS

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STAFF RECOMMENDATIONS

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COUNCIL ACTION REQUESTED

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