



Agenda Date: 4/15/2020

Agenda Placement: 8B

Napa Sanitation District Board Agenda Letter

TO: Honorable Board of Directors

FROM: Timothy Healy - General Manager
NS-Technical Services/Engineer

REPORT BY: Simon Kobayashi, Associate Engineer - 707-258-6030

SUBJECT: Accept Completion of the 2019 Treatment Plant Improvement Project (CIP 18740)

RECOMMENDATION

Adopt resolution accepting completion and authorize the General Manager to file the Notice of Completion at the Napa County Office of the Recorder for the 2019 Treatment Plant Improvement Project (CIP 18740).

EXECUTIVE SUMMARY

On April 30, 2019, the District entered into a contract with Valentine Corporation to furnish all labor, materials, equipment, and services required for the construction of the 2019 Treatment Plant Improvement Project (CIP 18740).

This project rehabilitated or replaced existing assets in the treatment plant that had reached the end of their useful lives. The project successfully accomplished the following items:

1. Chemical Building Rehabilitation
2. Pavement Rehabilitation
3. Hypochlorite Tank Replacement
4. Drain Line Replacement
5. Coatings Replacement

The chemical building and tanks are exposed to corrosive chemicals that have degraded the building's concrete, coatings, and pipes since going into service in 2000. The chlorine and bisulfite are integral parts of the treatment process and this project provided for rehabilitation of the system to ensure reliable service.

On April 8, 2020, the General Manager submitted the Certificate of Completion to the Board Secretary certifying that the project was completed to his satisfaction. The total approved contract amount for this project is \$1,271,721.08. Currently 5% or \$63,586.05 is being held as retention on this project. The full retention amount will be released to

the contractor 35-days after filing of the Notice of Completion with the Recorder and after NapaSan receives confirmation that all vendors and subcontractors have been paid in full.

The original contract was awarded for \$1,180,369. Total change orders for the project increased the contract amount by \$91,352.08 which is 7.7% of the original contract amount. There were four change orders that accounted for unexpected site conditions and modifications to the project scope.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact? No

ENVIRONMENTAL IMPACT

None.

BACKGROUND AND DISCUSSION

NapaSan's wastewater treatment plant was primarily constructed in the 1970s and 1990s. Many of the treatment plant components are subject to harsh environments, so they must be rehabilitated or replaced before they fail. Projects similar to this one are budgeted in future years in the ten-year capital improvement plan and will be further defined by the asset management program and the upcoming Wastewater Treatment Master Plan.

SUPPORTING DOCUMENTS

- A . Certificate of Completion
- B . Completion Resolution
- C . Presentation Slides

Napa Sanitation District: Approve

Reviewed By: Timothy Healy