



Agenda Date: 5/2/2018
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: Matthew Lemmon, Associate Engineer - 707-258-6004

SUBJECT: Accept Completion of the Recycled Water Reservoir Improvements Project (CIP 16716)
Construction

RECOMMENDATION

Adopt Resolution accepting completion and authorize the General Manager to file the Notice of Completion at the Office of the Recorder, Napa County, California for the Recycled Water Reservoir Improvements Project (CIP 16716).

EXECUTIVE SUMMARY

On October 5, 2017, the District entered into a contract with Pacific Infrastructure Corporation to furnish all labor, materials, equipment, and services required for the construction of the Recycled Water Reservoir Improvements Project (CIP 16716). On April 26, 2018, the General Manager submitted his 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 \$1,668,403. Currently 5% or \$83,420.15 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 the District receives confirmation that all vendors and subcontractors have been paid in full.

The original contract was awarded for \$1,465,000. Total change orders for the project increased the contract amount by \$203,403 which is 13.9% of the original contract amount. There were two change orders that accounted for unexpected site conditions that could not be anticipated during design of the project. The engineer's estimate of probable construction cost was \$1,450,000.

FISCAL IMPACT

Is there a Fiscal Impact? No

ENVIRONMENTAL IMPACT

None.

BACKGROUND AND DISCUSSION

NapaSan stores treated recycled water in two reservoirs located to the east of the headworks building. Prior to this project, the reservoirs were capable of storing a combined volume of approximately 6.5 million gallons. Filling the reservoirs to their maximum capacity of approximately 9.5 million gallons previously resulted in leaking around the perimeter wall which limited NapaSan's ability to meet peak demands.

The project successfully installed reservoir liners to increase the useful volume of the reservoirs and provide approximately 3 million gallons of additional treated water storage. The additional storage will provide increased reliability during periods of peak demand.

Reservoir covers were not included in this construction contract but will be installed under a separate contract as part of this project. All project costs are eligible for 50 percent reimbursement through a funding agreement that NapaSan secured with the Clean Water State Revolving Fund Green Project Reserve.

SUPPORTING DOCUMENTS

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

Napa Sanitation District: Approve

Reviewed By: Timothy Healy