



Agenda Date: 5/3/2017
Agenda Placement: 10H

Napa Sanitation District Board Agenda Letter

TO: Honorable Board of Directors
FROM: Timothy Healy - General Manager
NS-Technical Services/Engineer
REPORT BY: Andrew Damron, Technical Services Director - 707-258-6000
SUBJECT: Accept Completion of the Stationary Gas Detectors - Phase II Project (CIP 17722)

RECOMMENDATION

Adopt Resolution accepting completion and authorizing General Manager to file the Notice of Completion at the Office of the Recorder, Napa County, California for the Stationary Gas Detectors - Phase II Project (CIP 17722).

EXECUTIVE SUMMARY

On October 31, 2016 the District entered into a contract with Telstar Instruments to furnish all labor, materials, equipment, and services to construct the Stationary Gas Detectors - Phase II Project (CIP 17722). On April 25, 2017 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 \$155,923.76. Currently 5% or \$7,796.19 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 amount was \$146,960. Change orders for the project resulted in an increase of \$8,963.76 which is 6.1% of the original contract amount. The final contract amount is \$155,923.76.

FISCAL IMPACT

Is there a Fiscal Impact? No

ENVIRONMENTAL IMPACT

None.

BACKGROUND AND DISCUSSION

Stationary gas detectors are required in the treatment plant to sense hydrogen sulfide and explosive limits of combustible gases which provide for a safe working environment. Existing gas monitoring equipment was old and required frequent replacement of parts. The existing gas detectors were calibrated monthly at a cost of \$2,000 per month. Some of the existing gas detectors could not be calibrated due to part failure and lack of availability of replacement parts. Coverage was not adequate and needed to be expanded.

In 2015, Phase 1 of the project was completed, replacing stationary gas detectors in headworks, the primary clarifiers, and gas storage structure. Phase II of the project replaced gas detectors in the DAFT room, cogeneration room, digester area, west gallery area, and at West Napa Pump Station. Fourteen existing monitors were replaced with 16 self-calibrating units spaced for adequate coverage of 15 work areas (by both projects after completion of Phase II).

SUPPORTING DOCUMENTS

- A . Certificate of Completion
- B . Resolution - Completion

Napa Sanitation District: Approve

Reviewed By: Timothy Healy