



Agenda Date: 4/3/2019  
Agenda Placement: 7F

## Napa Sanitation District Board Agenda Letter

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**TO:** Honorable Board of Directors

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

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

**SUBJECT:** Award Construction Contract for the Pond Transfer Structures - Pond 2 to Pond 3 Project (CIP 19717)

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### **RECOMMENDATION**

Award the construction contract for the Pond Transfer Structures - Pond 2 to Pond 3 Project (CIP 19717) to Hess Construction Co., Inc. for the bid amount of \$245,755 and authorize the General Manager to execute the agreement with the contractor and issue the Notice to Proceed, when appropriate.

### **EXECUTIVE SUMMARY**

On March 5, 2019, the NapaSan received 7 bids for the Pond Transfer Structures - Pond 2 to Pond 3 Project. The engineer's estimate of probable construction cost for the project was \$240,000. Hess Construction Co., Inc. is the lowest qualified bidder in the amount of \$245,755.

The contractor has 60 calendar days to substantially complete the project from Notice to Proceed. Notice to Proceed is expected to be issued in late April 2019. Construction is expected to be complete in late June 2019.

The project will remove and replace the pond transfer structures that control water flow from oxidation Pond 2 to Pond 3 at NapaSan's Soscol Water Recycling Facility. The existing transfer structures are no longer mechanically operable and are recommended for replacement in the Wastewater Treatment Plant Master Plan.

NapaSan has ordered and purchased some materials (pipe, canal gates, and weir gate) prior to award of the construction contract. The pre-purchase of these materials was required to begin construction of this project in May 2019 due to long-lead time on the orders. The engineer's estimate does not include NapaSan's cost to purchase these materials. The cost of the pipe, four canal gates, and weir gate is \$58,015.44.

The first phase of this project was the replacement of the Pond Transfer Structures between Pond 1 and Pond 2

(CIP 4007) in 2011. The engineer's cost estimate for the work for the 2019 project was based on an escalation of the previous construction costs from 2011 by 5% per year to 2019, escalating a cost of \$204,594 to \$301,000. Accounting for both pre-purchased items and the construction bid, the 2019 project costs exceed this estimate slightly with a total cost of \$303,770. The higher cost is reasonable given the current bidding climate.

The low bid was submitted by Hess Construction Co., Inc. is 2.4% higher than the engineer's estimate. The second lowest bid was submitted by Asta Construction, Inc. in the amount of \$262,013, which is 6.6% higher than the low bid. A summary of all bids is attached.

### **FISCAL IMPACT**

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	The project is budgeted in the 10-year Capital Improvement Program. The budget for the Pond Transfer Structures - Pond 2 to 3 Project (CIP 19717) is \$301,300. Savings from other projects in the CIP will be used to cover total project costs of \$303,770.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The project will replace the water transfer structures which will enable NapaSan staff to control water flow easily and safely.
Is the general fund affected?	No
Future fiscal impact:	None.
Consequences if not approved:	NapaSan staff will continue to use the existing structures between Pond 2 and Pond 3.
Additional Information:	None.

### **ENVIRONMENTAL IMPACT**

The Board determined the project is Categorically Exempt under Section 15302 (c) of the California Environmental Quality Act (CEQA) Guidelines in Minute Resolution 19-004. A Notice of Exemption was filed with Napa County Recorder on January 17, 2019.

### **BACKGROUND AND DISCUSSION**

NapaSan staff will conduct engineering services during construction, construction management, and inspection of the project.

### **SUPPORTING DOCUMENTS**

A . Bid Summary

Napa Sanitation District: Approve

Reviewed By: Timothy Healy