



Agenda Date: 5/4/2016  
Agenda Placement: 7G

## 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:** Matthew Lemmon, Associate Engineer - 707-258-6004

**SUBJECT:** Award Task Order for the Recycled Water Reservoir Lining Project (CIP 16716) Design Services

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### **RECOMMENDATION**

Authorize the Purchasing Agent to execute Task Order No. 7 with Kennedy/Jenks Consultants to provide Design Services for the Recycled Water Reservoir Lining Project (CIP 16716) in the amount of \$195,000.

### **EXECUTIVE SUMMARY**

The District stores treated recycled water in two reservoirs located to the east of the headworks building. The reservoirs currently store a combined volume of approximately 6.5 million gallons and provide reliability during periods of peak demand. Filling the reservoirs to their maximum capacity of approximately 9.5 million gallons results in leaking around the perimeter wall which limits the ability to meet peak demands.

This project will install 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.

This Task Order is for Kennedy/Jenks Consultants to perform final design of the project including preparation of plans and specifications for project bidding. The Task Order includes \$74,000 for optional design tasks that may not be used, depending on the reservoir cover system that the District selects during Task 2. Work on the optional tasks will not occur without District authorization.

Design of the project will start in May 2016 and is expected to be complete in August 2016. Construction is anticipated to occur during the winter of 2016/2017.

**FISCAL IMPACT**

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	This project is budgeted in the FY 15/16 and proposed FY 16/17 10-year CIP.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	This project will install 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.
Is the general fund affected?	Yes
Future fiscal impact:	Construction will be completed in FY 16/17.
Consequences if not approved:	Staff does not currently have the expertise to design this project. Designing this project in-house would delay the project schedule and impact the ability to complete other projects.
Additional Information:	

**ENVIRONMENTAL IMPACT**

None.

**BACKGROUND AND DISCUSSION**

Kennedy/Jenks Consultants completed a preliminary design for the Recycled Water Reservoir Lining Project in the Spring of 2016. The preliminary design accomplished the following items: 1) Identified alternative materials and methods for lining and covering the reservoirs; 2) Evaluated other alternatives for increasing treated water storage reliability; and 3) Estimated costs associated with the alternatives. Due to their previous work on this project, Kennedy/Jenks is the most qualified firm to provide final design services.

**SUPPORTING DOCUMENTS**

A . Task Order 07 Kennedy Jenks

Napa Sanitation District: Approve

Reviewed By: Timothy Healy