



Agenda Date: 9/27/2017

Agenda Placement: 8E

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: Award Construction Contract for the Recycled Water Reservoir Improvements Project (CIP 16716)

RECOMMENDATION

Award construction contract for the Recycled Water Reservoir Improvements Project (CIP 16716) to Pacific Infrastructure Corp. for the bid amount of \$1,465,000 and authorize the General Manager to execute the Agreement with the Contractor and issue the Notice to Proceed, when appropriate.

EXECUTIVE SUMMARY

On September 7, 2017, NapaSan received one bid for the Recycled Water Reservoir Improvements Project (CIP 16716). The engineer's estimate of probable construction cost for the project was \$1,450,000. Pacific Infrastructure Corp. was the only bidder in the amount of \$1,465,000, which is one percent higher than the engineer's estimate.

The contractor has 150 calendar days to substantially complete the project from Notice to Proceed. Notice to Proceed is expected to be issued in October 2017. Construction is expected to be complete in March 2018.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	The Clean Water State Revolving Fund will reimburse NapaSan for 50% of qualifying project costs. The remaining 50% of costs will be paid for by

	NapaSan funds. The project is budgeted in the 2017/18 Capital Improvement Program.
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:	None.
Consequences if not approved:	The recycled water delivery system will continue to operate without the additional reliability provided by the increased storage capacity in the reservoirs.
Additional Information:	

ENVIRONMENTAL IMPACT

On January 11, 2017, the NapaSan Board of Directors adopted a resolution concurring with the recommended mitigations and CEQA determination that by implementing specific mitigation measures the project's impacts would be reduced to a less-than-significant level per Section 15064 (f) of the CEQA Guidelines.

BACKGROUND AND DISCUSSION

NapaSan 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. 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.

The 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.

Reservoir covers are not included in this construction contract but will be installed under a separate contract as part of this project. The covers will be installed after liner installation.

The project will be constructed in January and February and will require a shutdown of NapaSan's recycled water delivery system. NapaSan's historical records show that recycled water demand during the months of January and February is very low, so it is anticipated that the project schedule will minimize impacts to customers. NapaSan will conduct outreach and notify customers of the upcoming system shutdown.

NapaSan will contract with Kennedy/Jenks Consultants to provide engineering services during construction and SMB Environmental, Inc. to provide environmental services during construction. Kennedy/Jenks is the project designer and SMB Environmental, Inc. prepared the Initial Study/Mitigated Negative Declaration under CEQA. Task Orders will be issued prior to construction.

SUPPORTING DOCUMENTS

A . Bid Results

B . Presentation Slides

Napa Sanitation District: Approve

Reviewed By: Timothy Healy