



Agenda Date: 4/5/2017

Agenda Placement: 8A

Napa Sanitation District Board Agenda Letter

TO: Honorable Board of Directors

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

REPORT BY: Kyle Broughton, Associate Engineer - 258-6000 x530

SUBJECT: Award Construction Contract for the MST Recycled Water Expansion Project (CIP 16722)

RECOMMENDATION

Award construction contract for the MST Recycled Water Expansion Project (CIP 16722) to TerraCon Constructors, Inc. for the bid amount of \$2,285,815 and authorize the General Manager to execute the Agreement with the Contractor and Issue Notice to Proceed, when appropriate.

EXECUTIVE SUMMARY

On March 21, 2017, NapaSan received 8 bids for the MST Recycled Water Expansion Project (CIP 16722). A summary of all bids received is attached. The engineer's estimate of probable construction cost for the project was \$3,065,000. TerraCon Constructors, Inc. is the lowest responsive, responsible and qualified bidder with a bid amount of \$2,285,815. TerraCon Constructor's bid is 25% lower than the engineer's estimate

Staff reviewed the bids received in order to determine if there were any concerns regarding the bid costs; this included confirming the low bidder considers its bid complete. The second lowest bid was approximately 17% higher than TerraCon's bid, and the third lowest bid was approximately 24% higher than TerraCon's bid. The high bid was submitted at \$3,392,000. The wide range of bids received is largely attributed to bidding contractors' differing unit costs for excavation through rock. Since the bids received were competitive and generally spaced uniformly around engineer's estimate, Staff recommends award of the project.

Notice to Proceed is expected to be issued in late-April 2017 and construction is expected to start in May 2017. The Contractor has until September 30, 2017 to substantially complete the project.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	The Board approved the MST Recycled Water Expansion Project budget in the FY 16/17 Capital Improvements Plan. The project is eligible for 25% reimbursement through a US Bureau of Reclamation WaterSMART grant program through NBWRA, up to \$1,000,000. Additionally, NapaSan has entered into a reimbursement agreement with Napa County for all remaining project costs from the MST Community Facilities District.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The project will expand the existing MST recycled water distribution system to further address declining water levels in the MST area of Napa County.
Is the general fund affected?	No
Future fiscal impact:	Construction will begin in FY 16/17 and end in FY 17/18. Project costs budgeted in FY 16/17 will be carried forward into FY 17/18 to complete the project.
Consequences if not approved:	The MST recycled water project will not be expanded at this time. Unspent WaterSMART grant funds available through NBWRA would be forfeited.
Additional Information:	

ENVIRONMENTAL IMPACT

On December 16, 2009, the Board adopted a resolution that considered the certified North Bay Water Recycling Program Final EIR/EIS, adopted related CEQA/NEPA mitigation findings, alternative findings, a statement overriding considerations, and a mitigation and monitoring and reporting program and approved the MST Project identified in the NBWRP Phase 1 Implementation Plan. An addendum to the EIR/EIS analyzing the final MST pump station location and the currently proposed pipeline expansion alignment was certified by the Board on November 6, 2013. The proposed pipeline expansion is part of the MST Project and included in the 2013 addendum.

BACKGROUND AND DISCUSSION

NapaSan completed construction of the initial phase of the MST Recycled Water Project in 2016. The project included 5 miles of new recycled water pipeline and a booster pump station to provide recycled water for agricultural and landscaping uses in the MST area. The project provided the capability to expand the recycled water distribution system in the future.

Carollo Engineers provided engineering design services and will provide engineering services during construction.

Consolidated CM will provide construction management and inspection services.

ESA Environmental provided environmental permitting services and will provide environmental services during construction.

Procurement of all consulting services and construction contracts included outreach to small and disadvantaged business enterprises as required by Federal law and WaterSMART grant requirements. The project includes Buy American Iron and Steel provisions in order to conform with related Federal and EPA SRF loan requirements.

SUPPORTING DOCUMENTS

A . Bid Results

B . Presentation Slides

Napa Sanitation District: Approve

Reviewed By: Timothy Healy