



Agenda Date: 12/18/2019
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: Robin D. Gamble Holley, Asset Management Analyst - (707) 258-6031

SUBJECT: Authorize the General Manager to Issue Notice Inviting Bids for the Browns Valley Trunk Project (CIP 14703)

RECOMMENDATION

Authorize the General Manager to issue Notice Inviting Bids for the Browns Valley Trunk Project (CIP 14703), after confirmation of funding approval from the State Water Board.

EXECUTIVE SUMMARY

NapaSan's 2007 Collection System Master Plan calls for a new sanitary sewer trunk line to be installed to serve the West Napa area. The project was also identified in NapaSan's previous 1988 Master Plan. The purpose of the project is to alleviate capacity issues that have caused overflows in the collection system.

During large storms, the existing sewer mains surcharge which causes sanitary sewer overflows at the intersection of Pine and Monroe Streets which require a staffed pump around in wet weather. There are other locations in the system that are surcharged as well and are a threat for overflows such as Prince Court (north of Browns Valley Road).

The project will install approximately three miles of trunk sewer starting in Browns Valley Road near the interception of Thompson Avenue and will extend to the West Napa Pump Station on South Coombs Street near the interception of Imola Avenue.

The scope of the project includes the following:

- 1,500 LF (0.3 miles) of 48" diameter trunk main,
- 4,600 LF (0.9 miles) of 30" diameter trunk main,
- 2,000 LF (0.4 miles) of 24" diameter trunk main,
- 7,300 LF (1.4 miles) of 15" diameter trunk main,

- 60 Pre-cast manholes,
- Pavement overlay in a portion of Freeway Drive, and
- Trench paving.

Staff previously bid the project but there was a delay in funding which prevented staff from issuing a notice to proceed on the project. Minor modifications in the plans have been made to improve pricing based on feedback received during the previous bid period. Staff conducted extensive outreach for the project during the design phase and incorporated solutions to concerns into the design and contract. Outreach activities included community meetings with residents, individual meetings with businesses along the proposed pipeline route (including the Factory Stores), planning and coordination meetings with the City of Napa Public Works Department and Water Division, discussions and coordination with other stakeholders (including NVTA, Napa Recycling). Staff will continue outreach efforts throughout the duration of the project with the next effort starting after bid opening and before construction begins.

The engineer's estimate of probable construction cost for the project is \$21,600,000.

Staff anticipates issuing the Notice Inviting Bids in December with a bid opening in February and award of the construction contract in March. The contractor has 600 calendar days to substantially complete the project from Notice to Proceed. The Notice to Proceed is expected in late March 2020 and construction is expected to be completed by November 2021.

Construction management for the project will be performed by a consultant and approval of the task order will be presented to the Board for approval at a future meeting.

Plans are available for review in the NapaSan's Administrative Office and will be available at the NapaSan Board meeting.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	This project is budgeted under CIP 14703 with \$7,000,000 in FY19/20 with additional budget of \$21,000,000 projected through FY21/22 in the 10-Year Capital Plan. With approval of SRF funding there is adequate funding in the budget for this project.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	This project will reduce the potential for sanitary sewer overflows during the wet weather season.
Is the general fund affected?	Yes
Future fiscal impact:	This project is expected to reduce costs associated with handling sanitary sewer overflows associated with an overflowing collection system.
Consequences if not approved:	Collection department personnel will continue to devote time handling bypassing and sanitary sewer overflows, downstream capacity issues would continue, and the risk of overflows would not be diminished.

Additional Information: None.

ENVIRONMENTAL IMPACT

NapaSan approved the project and adopted a Mitigated Negative Declaration on February 15, 2017 by Resolution 2017-006 which included rehabilitation of the West Napa Pump Station. NapaSan adopted an Addendum to the Mitigated Negative Declaration on February 28, 2018 by Resolution 2018-005 which included replacement of the West Napa Pump Station.

BACKGROUND AND DISCUSSION

Work on the project began with an alignment study in 2014. Based on the results of the alignment study, the pipeline design started in 2016. NapaSan originally planned to start construction of the project in 2017 but extended the project design and outreach schedule to take advantage of SRF funding opportunities.

SUPPORTING DOCUMENTS

A . Presentation Slides

Napa Sanitation District: Approve

Reviewed By: Timothy Healy