



Agenda Date: 3/4/2020
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: Award Construction Contract for the Browns Valley Trunk Project (CIP 14703)

RECOMMENDATION

Award the construction contract (base bid and bid deduct) for the Browns Valley Trunk Project (CIP 14703) to JMB Construction Inc. for the bid amount of \$20,507,752 and authorize the General Manager to execute the agreement with the contractor and issue the notice to proceed, when appropriate.

EXECUTIVE SUMMARY

On February 11, 2020, NapaSan received 4 bids for the Browns Valley Trunk Project (CIP 14703). The engineer's estimate of probable construction cost for the project was \$21,000,000. JMB Construction Inc. is the lowest qualified bidder in the amount of \$20,507,752 which is 2.3% lower than the engineer's estimate.

The second lowest bid was submitted by Anvil Builders in the amount of \$21,294,920 which is approximately 3.8% higher than the low bid. The high bid was submitted at \$24,132,388.50.

The project is comprised of a base bid and bid deduct. The base bid includes microtunneling (trenchless construction) of 1,387 feet of 30-inch pipe in Old Sonoma Road between Hartson Street and the Napa County Health and Human Services campus. The bid deduct option is the savings associated with construction of this portion of the project using open-cut (trenching) methods. Microtunneling has different construction impacts to residents and traffic, compared to open-cut trenching. Including the deduct in the project bidding provided NapaSan pricing information for both construction methods and the ability to select an option based on both price and impacts.

Staff recommends awarding the bid deduct for the following benefits:

- a. \$463,926 savings,
- b. More properties effected but for a shorter period of time,

- c. No specialty inspections required, and
- d. No additional time to construct.

Notice to Proceed is expected to be issued in late March 2020 and construction is expected to begin in May 2020. Construction is expected to be completed in Fall 2021.

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 \$28,000,000 projected through FY20/21 in the 10-Year Capital Plan. The project is being funded by a State Revolving Fund Loan (SRF) and the funding includes engineering and environmental services during construction.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	This project will decrease system overflows during wet-weather.
Is the general fund affected?	Yes
Future fiscal impact:	This project is expected to reduce management costs of sanitary sewer overflows and possible fines associated with an overflowing collection system.
Consequences if not approved:	Collection department personnel will continue to devote time handling bypassing and sanitary sewer overflows 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

The Browns Valley Trunk Project is proposed as an interceptor trunk project to divert wastewater flows from neighborhoods in West Napa and south of Napa Creek in a new pipeline. The alignment of the proposed trunk pipeline starts on Browns Valley Road near Thompson Avenue, flows east on Browns Valley Road, south on Freeway Drive, crosses the highway near Old Sonoma Road, east on Old Sonoma Road, south on Jefferson Street, east on Sycamore Street, south on Franklin Street, east on Spruce Street, and south on Coombs Street to the West Napa Pump Station. The new trunk pipeline will range in size from 15-inches to 48-inches. The purpose of the project is to divert wastewater flows away from existing pipes that are over capacity during peak wet-weather

events. The project will decrease sanitary sewer overflows and provide an increased level of service to the basin.

The scope of the project includes the following:

- 1,500 feet (0.3 miles) of 48-inch diameter trunk main,
- 4,600 feet (0.9 miles) of 30-inch diameter trunk main,
- 2,000 feet (0.4 miles) of 24-inch diameter trunk main,
- 7,300 feet (1.4 miles) of 15-inch diameter trunk main,
- 62 Pre-cast manholes,
- Highway crossing of SR29 near Old Sonoma Road,
- Pavement overlay in a portion of Freeway Drive, and
- Trench paving.

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). Outreach and communication efforts with public agencies, residents, and businesses will continue during construction.

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. The project was bid in 2019 but the notice to proceed was never issued due to a delay in SRF funding.

SUPPORTING DOCUMENTS

A . Presentation - CIP 14703

Napa Sanitation District: Approve

Reviewed By: Timothy Healy