



Agenda Date: 3/6/2019
Agenda Placement: 8B

Napa Sanitation District Board Agenda Letter

TO: Honorable Board of Directors
FROM: Timothy Healy - General Manager
NS-Technical Services/Engineer
REPORT BY: Andrew Damron, Technical Services Director - 707-258-6000
SUBJECT: Award Construction Contract for the Browns Valley Trunk Project (CIP 14703)

RECOMMENDATION

Award the construction contract for the Browns Valley Trunk Project (CIP 14703) to JMB Construction Inc. for the bid amount of \$23,331,631 and authorize the General Manager to execute the Agreement with the Contractor and issue the Notice to Proceed, when appropriate.

EXECUTIVE SUMMARY

On January 22, 2019, NapaSan received 5 bids for the Browns Valley Trunk Project (CIP 14703). The engineer's estimate of probable construction cost for the project was \$18,600,000. JMB Construction Inc. is the lowest qualified bidder in the amount of \$23,331,631 which is 25% higher than the engineer's estimate.

The second lowest bid was submitted by Ranger Pipelines in the amount of \$24,706,910 which is approximately 6% higher than the low bid. The high bid was submitted at \$32,355,555.

Notice to Proceed is expected to be issued in late March 2019 and construction is expected to begin in May 2019. Construction is expected to be completed in Fall 2020.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	This project is budgeted under CIP 14703 with \$5,0575,000 in FY18/19 with

additional budget of \$15,225,000 projected through FY20/21 in the 10-Year Capital Plan. Since the low bid exceeds the engineer's estimate, revisions to the CIP are needed to fully fund the project. Revisions to the CIP will include delay of other projects in the Capital Plan.

Is it Mandatory or Discretionary? Discretionary

Discretionary Justification: This project will alleviate system surcharging and reduce the potential for sanitary sewer overflows during the wet weather flows.

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. The project will also improve downstream capacity issue in the downtown area.

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: The State Revolving Fund (SRF) loan application and environmental documents were processed to include both the Browns Valley Trunk Project (BVT) and the West Napa Pump Station Project (WNPS). Due to the WNPS's projected energy savings the project qualifies for Green Project Reserve funding (GPR) which has a "loan forgiveness" incentive. It is anticipated that the projects will qualify for the maximum amount of "loan forgiveness" of \$4,000,000.

Also, due to a previous Board decision to pre-pay the interest on the SRF loan the loan will have 0% interest over the term of the loan which results in another \$6,000,000 savings over the term of the loan.

The estimated combined savings for GPR and pre-payment of interest for BVT and WNPS is \$10,000,000.

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 in downtown and areas south of downtown that are over capacity during peak wet-weather events. The project will decrease sanitary sewer overflows, provide additional sewer capacity to development areas (First Street west of the highway; downtown development), and provide an increased level of service to the basin.

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 bypass pumping in wet weather. There are other typical overflow locations on and near Browns Valley Road during wet-weather events.

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,
- 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).

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