



Agenda Date: 4/18/2018

Agenda Placement: 7C

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, Asset Manager - (707) 258-6031

SUBJECT: Approve Amendment No. 02 to Task Order No. 50 with GHD for the Browns Valley Trunk Project (CIP 14703) Design Services

RECOMMENDATION

Authorize the Purchasing Agent to execute Amendment No. 02 to Task Order No. 50 with GHD to provide Design Services for the Browns Valley Trunk Project (CIP 14703) in the amount of \$99,568.

EXECUTIVE SUMMARY

In 2016, NapaSan and GHD entered into a contract for GHD to perform technical services related to the design of the Browns Valley Trunk Project including SRF loan application assistance and preparation of plans and specifications suitable for bidding for \$980,278. Amendment No. 01 to Task Order 50 was executed in March 2018 which included additional scope to revise the environmental document and SRF loan application to incorporate replacement options for the West Napa Pump Station for \$29,485 (\$1,009,763 total). Amendment No. 02 to Task Order 50 is for a revision to the design in two areas (Old Sonoma Road at Walnut and Freeway Drive at Laurel/Kilburn) as well as preparation of traffic control plans in the final design plans for \$99,568 (\$1,109,331 total). The modifications included in Amendment No. 02 were determined necessary by staff based on the constructability review of the project and local agency feedback.

The revised design will change the construction methodology from open cut to a trenchless method in Old Sonoma Road at Walnut Street near the juvenile detention facility and change the alignment in Freeway Drive at Laurel/Kilburn. The construction costs are anticipated to decrease in Freeway Drive and stay the same for the Old Sonoma Road due to the changes. In both cases the construction impacts are anticipated to be reduced by taking less time, reducing noise, and improving traffic circulation.

The City of Napa requested that traffic control plans be included with the project final design plans to improve the review time of the encroachment permit during construction and for the City to evaluate the project impact on traffic

in advance of bidding. The preparation of the traffic control plans will also assist with developing the project constraints such as areas that will require construction to occur at night.

Additional work to be performed by GHD includes additional boring and potholing, additional geotechnical analysis, additional SRF assistance (for new alignment), design revisions, and preparation of traffic control plans.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	This project is budgeted in the FY 17/18 and proposed FY 18/19 10-year CIP.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The additional work will improve the construction impacts of the project and is anticipate to decrease the cost of construction in Freeway Drive.
Is the general fund affected?	Yes
Future fiscal impact:	Design activities will be completed next fiscal year. The project cost budgeted in this fiscal year will be carried forward into next fiscal year.
Consequences if not approved:	The construction cost may not be reduced for the Freeway Drive and the community impacts would not be decreased.
Additional Information:	

ENVIRONMENTAL IMPACT

None.

BACKGROUND AND DISCUSSION

The District's Collection System Master Plan (2007) identified future projects based on evaluation of the peak wet weather capacity of the collection system. One of the identified projects is the Browns Valley Trunk project. The project will connect the existing sewer system in Browns Valley Road to the NapaSan's West Napa Pump Station located at Coombs Street and Imola Avenue. The purpose of the project is to convey sewer flows from the Browns Valley area in a new pipeline and decrease the flows in existing mains which exceed capacity during wet weather events.

GHD was selected through a competitive process to perform permitting and final design of the project including preparation of plans and specifications for project bidding.

SUPPORTING DOCUMENTS

A . GHD - Amendment No 02 to Task Order 50

Napa Sanitation District: Approve

Reviewed By: Timothy Healy