

Staff Report

for the Regular Meeting of the Board of Directors, March 11, 2020

TO: Board of Directors
FROM: Doug Roderick, P.E., Engineering Manager
DATE: March 3, 2020
SUBJECT: South Yuba Canal Evaluation (FATR# 2419)

ENGINEERING

RECOMMENDATION:

Award a consulting contract with GHD in the amount of \$295,796 and authorize the General Manager to execute the appropriate documents.

BACKGROUND:

The existing South Yuba Canal delivers water from PG&E's Lake Spaulding to Deer Creek forebay, a distance of about 19 miles. The facility is currently owned and operated by PG&E, but will soon become a District-owned and operated facility. When this facility becomes part of the District's water conveyance system, it is important to evaluate the condition of the facility in order to develop a capital improvement plan (CIP) that will be utilized for future maintenance and repair, as well as for prioritizing projects to improve or replace this critical infrastructure. Part of this assessment is to obtain an accurate and concise understanding of the current conditions, design criteria, and site constraints.

The canal will be broken up into at least 20 segments that have similar characteristics, which will allow for analysis and ability to rank the condition of each segment. This will allow the District to develop a plan for maintenance, improvement, and replacement based on condition. For each segment, the consultant will evaluate personnel, vehicle and construction equipment access, and identify possible staging areas. This will be important in the planning process. Some of these access locations could be developed to improve efficiency for maintenance work and to allow for quicker response time to emergency repairs.

The RFP was sent out on September 6, 2019, to 11 consultants. Three proposals were received on November 8, 2019. Five staff members reviewed each of the proposals for the project without being given the project costs so that the proposal could be evaluated without any bias towards costs. There were a total of 65 points for the proposal evaluations and 35 points for costs. Once the proposals were evaluated by staff and points were totaled, each proposal was awarded points for costs for the final score.

Rankings without costs

Proposal Team	Total Points
GHD	61
Blackburn Consulting	37
Nevada City Engineering	43

Rankings with costs

Proposal Team	Total Points	Costs
GHD	97	\$246,094
Blackburn Consulting	65	\$303,719
Nevada City Engineering	72	\$285,722

Based on the scoring above, GHD was the preferred consultant for the project. Staff then held a meeting with GHD representatives to go over the proposed scope of work. Staff made some additional scope requests, including assessment of the tunnel which was not part of the original RFP.

GHD submitted the revised proposal and cost. The additional scope costs totaled \$49,702, making the overall proposal costs a total of \$295,796. Staff is recommending that the Board award the consultant contract with GHD for \$295,796.

This item is in alignment with Goal Numbers 1 and 4 of the District’s Strategic Plan, by the proactive management of our financial resources and by the integration of proven practices and technologies to enhance reliability and quality of our water supply.

BUDGETARY IMPACT:

The current budget for 10151-52910 Raw Water Replacement Program is \$1,800,000. After this commitment, there will be \$1,504,204 remaining in 10151-52910.

DR