



Santa Clara Valley Water District

File No.: 21-0662

Agenda Date: 6/22/2021

Item No.: 7.2.

BOARD AGENDA MEMORANDUM

SUBJECT:

Approve Agreement with Kleinfelder, Inc. for the Purified Water Program-Preliminary Geotechnical Pipeline Alignment Project, under the Indirect Potable Water Reuse Project No. 91304001, CAS File No. 5167, for a Not-to-Exceed Fee of \$1,107,408 (Cities of Palo Alto, Mountain View, Sunnyvale, Santa Clara, San Jose and Campbell) (Districts 2, 3, 4, 5 and 7).

RECOMMENDATION:

Approve the Consultant Services Agreement with Kleinfelder, Inc. for the Purified Water Program - Preliminary Geotechnical Pipeline Alignment Project, for a not-to-exceed fee of \$1,107,408.

SUMMARY:

In June 2020, the Board directed staff to implement the Purified Water Program (Program), also known as the Expedited Purified Water Program, and expedite the procurement process for selecting a Public Private Partnership (P3) to implement the Program, with a release of a Request for Proposal (RFP) scheduled for the fall of 2021. Prior to the RFP advertisement, an Environmental Impact Report will be prepared to evaluate potential impacts associated with the Program, and several preliminary geotechnical investigations will be completed to inform potential P3 proposers of site conditions along the proposed pipeline alignments. Staff recommends Board approval of a consultant agreement for the Preliminary Geotechnical Pipeline Alignment Project.

Background

Santa Clara Valley Water District's (Valley Water) Board of Directors established a goal to increase recycled water use such that reuse supply meets 10 percent of total Countywide demands by 2025 and up to 24,000 acre-feet per year (AFY) by 2040. The first phase of the Program has been targeted to be 10,000 AFY based on recent water supply planning projections to 2040. In order to meet this goal, Valley Water plans to build an Advanced Water Purification Facility (AWPF) that will use advanced treatment processes to treat the tertiary effluent from a wastewater treatment facility either in the City of Palo Alto or in the City of San Jose and convey purified water through a series of pipelines to the Los Gatos Recharge System (LGRS).

The Palo Alto AWPF location is just southeast of the existing Regional Water Quality Control Plant at the former Los Altos Treatment Plant site on San Antonio Road, Palo Alto. The San Jose AWPF

location is at Valley Water's existing Silicon Valley Advanced Water Purification Center. The proposed pipeline routes were developed as part of the Countywide Water Reuse Master Plan (CoRe Plan) for several reuse portfolios. At the June 16, 2020 Board meeting staff was directed to implement a smaller project as quickly as possible. At the September 8, 2020 Board meeting, staff was directed to pursue a Public-Private-Partnership (P3) fixed price Design Build Finance Operate and Maintain (DBFOM) project delivery method and expedite the procurement process to ideally release an RFP in the fall of 2021. The critical data obtained from the Preliminary Geotechnical Pipeline Alignment Project will be provided to prospective proposers to the P3 DBFOM project.

Consultant Agreement and Scope of Services

The recommended Agreement with Kleinfelder, Inc. includes the necessary services to conduct the preliminary geotechnical investigation for the proposed pipeline alignments and will meet the P3 RFP release schedule. The summary of tasks and budget is presented in Table 1. The Project scope includes geotechnical investigations, evaluating soil conditions and preparing a Geotechnical Data Report which will provide essential information to prospective P3 proposers for future pipeline placement along the pipeline alignments developed as part of the CoRe Plan. In addition, staff has negotiated a cost and schedule timeline with an expedited completion in the fall of 2021.

Table 1 - Summary of Tasks and Budget		
Task	Description	Not-to-Exceed Fees
1	Project Management	\$106,257
2	Geotechnical Engineering Services	\$901,151
3	Supplemental Services	\$100,000
Total Not-to-Exceed Fees		\$1,107,408

Consultant Selection Process

On December 10, 2020, a Request for Proposals for the Purified Water Program - Preliminary Geotechnical Pipeline Alignment Project was published on Valley Water's Contract Administration System internet portal and distributed to firms self-registered list for expertise GE11 - Geotechnical Engineering and advertised in the SJ Post Record newspaper and SBE, Inc.

Valley Water received proposals from four consultants on January 11, 2021: Cal Engineering & Geology (Cal), ENGEO Inc. (ENGEO), Fugro USA Land, Inc. (Fugro), and Kleinfelder, Inc. (Kleinfelder). An Evaluation Committee (EC), consisting of three Valley Water Project team members with subject matter expertise evaluated and ranked the written proposals and conducted an oral interview of the four consultant teams on February 3 - 4, 2021. Based on the combined (written and oral) rating scores, the EC recommended that staff undertake contract negotiations with Kleinfelder, Inc., the highest rated firm.

On February 16, 2021, Valley Water staff-initiated agreement negotiations with Kleinfelder. The negotiation has been successfully completed. Staff recommends Board approval of the Agreement with Kleinfelder for the Preliminary Geotechnical Pipeline Alignment Project, for a not-to-exceed amount of \$1,107,408.

FINANCIAL IMPACT:

The Indirect Potable Water Reuse Project No. 91304001 is included in the Five-Year 2022-26 Capital Improvement Program (CIP). Funding for the Agreement with Kleinfelder, Inc has a not to exceed fee of \$1,107,408 and is currently included in the Board-adopted FY21 budget. The total cost for the proposed Agreement does not change the overall total Project cost reflected in the Five-Year 2022-26 CIP.

CEQA:

This Project is exempt under CEQA Guidelines Sections 15304 and 15306 as stated below:

Section 15304 consists of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes.”

Section 15306 consists of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource. These may be strictly for information gathering purposes, or as part of a study leading to an action which a public agency has not yet approved, adopted, or funded.”

The Project’s purpose is for information gathering of geotechnical data and is exempt because it would consist of minor trenching and backfilling where the surface is restored and does not involve removal of healthy, mature, or scenic trees.

None of the exemption exceptions defined in Section 15300.2 apply to this Project scope. The Project is not located near a scenic highway or on a hazardous waste site. There is no reasonable possibility that the activities related to the proposed Project will have a significant effect on the environment due to unusual circumstances. Also, no cumulative significant impacts are anticipated over time due to successive projects of the same type in the same place.

ATTACHMENTS:

Attachment 1: Agreement

UNCLASSIFIED MANAGER:

Kirsten Struve, 408-630-3138