





STAFF REPORT

Meeting Type: Operations Committee/Board of Directors
Title: Review and Refer Two Professional Services Agreements for Geotechnical and Civil Design Engineering Services
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: December 20, 2024



TYPE OF ACTION: Action Information X Review and Refer

RECOMMENDATION: Review and refer to a future regularly scheduled Board meeting for award of two professional services agreements with two consultants for on-call “as-needed” geotechnical and civil design engineering services, with each contract in an amount not to exceed of \$600,000

SUMMARY: Staff solicited competitive proposals for as-needed geotechnical and civil design engineering services related to geotechnical reports and retaining wall design, in support of the District’s Capital Improvement Program. The on-call contract will ensure District staff can efficiently respond to landslides near critical assets throughout the District as well as provide design level geotechnical reports for pump station and tank replacement design work. Staff will make a recommendation to award two separate professional services agreements at a future regularly scheduled Board meeting.

DISCUSSION: The Mount Tamalpais Watershed is the source of a majority of the water produced for central and southern Marin County residents. The topography of the watershed is characterized by open, low rolling hills in the lower watershed and rugged canyons in the upper watershed. Many miles of critical, large diameter transmission pipeline for both raw and treated water, as well as fire roads traverse across the Watershed’s 18,000 acres. Intense rainfall often is a trigger for small to large scale landslide events that transpire every winter. When these landslide events occur adjacent to pipelines and fire roads, District Staff must respond quickly to design and repair the landslide in order to protect District assets. Geotechnical reports, including soil borings, are often an early step in both planning and design projects as they relate to landslide repair and retaining wall design. A Geotechnical report is completed by a California Registered Geologist or Geotechnical Engineer and will layout the requirements for an engineered landslide repair. Once the report is finalized, a retaining wall structure design, including plans, specifications, and cost estimates, are completed to facilitate dry season construction.

In addition, the District will be working on various pump station and water storage tank rehabilitation projects as the District continues its capital program. Some of those projects will require geotechnical reports to evaluate and determine design parameters such as foundation design, soil stabilization needs and retaining/soil nail walls. Having these services available on an on call basis will provide a streamlined approach for project design continuity and ensure timely completion and construction of capital projects.

District staff elected to solicit proposals and pursue two new multi-year on-call professional services agreements for geotechnical engineering and civil design engineering services to ensure consultant availability based on District needs. The consultant's will execute geotechnical and civil design work including geologic site assessments, soils engineering, geotechnical reports, earth retaining structure and drainage design in support of design work performed by staff.

On November 19, 2024, the District conducted a public competitive solicitation for proposals for as-needed geotechnical and civil design engineering services from various local geotechnical and civil engineering design firms.

Each proposed contract will include a baseline contract period of approximately three years, ending in 2028, unless otherwise extended by a no cost contract amendment for up to one additional year of services utilizing the original contract budget amount. Each contract will also include a not-to-exceed limit of \$600,000, for a total proposed Board award amount of \$1,200,000. Encumbering funds for these contracts is not required for either contract, as work performed will be funded by specific project or operational fund centers previously identified in the District's adopted budget which utilize these services.

Budget:

Contract No. 1 Amount:	\$600,000
Contract No. 2 Amount:	\$600,000
Total Budget:	\$1,200,000
Budget Category:	Project-specific from Capital and Operational budgets

Contract Implementation:

Request for Proposals:	November 19, 2024
Proposals Received:	December 20, 2024
Est. Contract Award:	February 4, 2025
Baseline Contract Duration:	February, 2028

ENVIRONMENTAL REVIEW: Not applicable.

FISCAL IMPACT: The total maximum expenditures under the two proposed contracts will not exceed \$1,200,000. Blanket Purchase Orders will be opened for the two contracts and funding will be provided as needed from current Capital and Operations budgets which utilize these services.

ATTACHMENT(S): None.