



STAFF REPORT

Meeting Type: Board of Directors
Title: Award of Two Professional Services Agreements for Geotechnical and Civil Design Engineering Services
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: February 25, 2025

TYPE OF ACTION: X Action Information

RECOMMENDATION: Authorize the General Manger to execute two professional services agreements with Miller Pacific Engineering Group and Wood Rodgers, Inc. 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 recommends that the Board authorize the General Manager to execute two professional services agreements, one with Miller Pacific Engineering Group and one with Wood Rodgers, Inc., for on-call “as-needed” geotechnical and civil design engineering services, with each contract in an amount not to exceed \$600,000.

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. On December 20, 2024 staff received seven proposals from various qualified firms including Miller Pacific Engineering Group, Wood Rodger, Inc., Haley & Aldrich Inc., Ninyo & Moore, Geocon Consultants, Inc., Shannon & Wilson Inc., and RGH Consultants.

The seven proposals and were evaluated by staff according to criteria outlined in the Request for Proposal and staff then selected four firms for formal interviews. After interviewing the top four consultants, staff unanimously concluded that Miller Pacific Engineering Group and Wood Rodgers, Inc. provided the best comprehensive approach based on their expertise in earth retaining structures, scope understanding, technical competency, project manager experience, and availability.

Each contract will include a baseline contract period of approximately three years, ending in February 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. Work performed under these contracts will be funded by specific project or operational fund centers previously identified in the District's adopted budget for utilization of these services.

Contract budget and implementation is summarized below:

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 25, 2025

Baseline Contract Duration: February, 2028

Staff recommends that the Board authorize the General Manager to execute two professional services agreements with Miller Pacific Engineering Group and Wood Rodgers for on-call “as-needed” geotechnical and civil design engineering services, with each contract in an amount not to exceed of \$600,000.

ENVIRONMENTAL REVIEW: Not applicable, as environmental review will be specific to each project for which services are provided.

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.

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Engineering	 Alex Anaya Engineering Director	 Ben Horenstein General Manager