



# STAFF REPORT

---

**Meeting Type:** Board of Directors  
**Title:** Amendment No. 1 to Professional Services Agreement MA-6269 with Kennedy/Jenks Consultants for Engineering Services for the Soulajule Project  
**From:** Alex Anaya, Director of Engineering  
**Through:** Ben Horenstein, General Manager  
**Meeting Date:** May 26, 2026

---

**TYPE OF ITEM:** X Action Information

**RECOMMENDATION:** Approve Amendment No.1 to professional services agreement MA-6269 with Kennedy/Jenks Consultants, Inc. to change the agreement scope of work from the Soulajule Pipeline Project design to the Soulajule Pump Station Electrification Project design with an adjusted total not to exceed amount of \$2,010,669.21

**SUMMARY:** On December 19, 2023, the Board of Directors approved a professional services agreement MA-6269 with Kennedy/Jenks Consultants, Inc. for design of the Soulajule Pipeline Project for a total not to exceed amount of \$2,323,895. The original agreement was for the design of a new 2.5 mile, 36-inch diameter pipeline connecting the existing Soulajule pipeline directly into the main reservoir pool of Nicasio reservoir. As construction costs for this project were further refined and water supply projects reprioritized, further work on the pipeline project was paused. Based on shifting priorities and the Board of Directors' decision to move forward with the ARC Project in the near term, Staff proposed to proceed with the evaluation and design of the electrification of the Soulajule Pump Station to utilize existing PG&E electrical service and provide grid-powered pumping from Soulajule Reservoir to Nicasio Reservoir. A preliminary evaluation of the electrification alternatives was conducted by Kennedy/Jenks Consultants, Inc. under a separate professional services agreement. The evaluation resulted in a technical memorandum recommending installation of a series of smaller pumps within the existing pump station footprint, providing up to 6 MGD of pumping capacity.

**DISCUSSION:** The Soulajule Pump Station was built in 1979 and pumps water from the Soulajule Reservoir in a 30-inch pipeline approximately 3.5 miles over the hill where it discharges overland onto a tributary creek of Nicasio Reservoir at which point it travels overland for approximately 2 miles until it reaches the northerly body of Nicasio Reservoir.

The District executed a professional services agreement (MA-6223) on July 31, 2023, with Kennedy Jenks Consultants, Inc. (Consultant) to assist the District with PG&E coordination to evaluate the feasibility of providing electrical power to both 800 horsepower pumps at the Soulajule Pump Station.

The existing pumps receive power from a portable 1 mega-watt diesel generator, which is rented on an as-needed basis. Findings from this effort identified that PG&E could not provide power to either of the 800 horsepower pumps. Staff and its consultant determined, however, with some reconfiguration of the pump station, one of the 800 horsepower pumps could be replaced with four smaller, 200 horsepower pumps, variable frequency drives and minor PG&E service upgrades to provide up to 6 MGD of pumping capacity from Souljule Reservoir into Nicasio Reservoir. During this time, the District began its evaluation of raising Souljule Dam, which would require the relocation of the pump station and further work on the Souljule Pump Station Electrification effort was suspended.

The Souljule Pipeline Project was identified as part of the water supply effort and in support of future pumping of Souljule Reservoir. The Souljule Pipeline Project would connect from the current discharge point and extend the pipeline approximately 2.5 miles directly into the main body of Nicasio Reservoir, eliminating the risk of water loss from pumping from Souljule. Staff issued a request for proposals October 12, 2023, and the Board awarded the Souljule Pipeline Project design work to Kennedy Jenks Consultants, Inc. at the December 19, 2023 Board meeting in the amount of \$2,213,895 with a contingency of \$110,000 for a total not to exceed amount of \$2,323,895.

As staff began the pipeline design process, including evaluation of environmental, geotechnical, real property, and existing pipeline condition assessment factors, it quickly became apparent that there were significant environmental, geotechnical, and real property complexities associated with the project. These complexities required staff to revisit and refine the estimated construction cost, resulting in a projected cost that was more than double the original estimate.

Staff subsequently provided an update to the Board on August 19, 2025, and recommended pivoting back to the Souljule Pump Station Electrification Project following the Board's selection of the ARC Project as its near term water supply focus. Staff requested a change in scope from its Consultant to complete the Souljule Pump Station Electrification Project.

The Souljule Pump Station Electrification Project aligns with the District's water supply project objectives and will utilize the remaining funding from the Souljule Pipeline Design Contract (MA-6269) to complete the electrification design work without requiring additional capital funding. Construction of the pump station improvements is anticipated to be included in the upcoming two-year Capital Improvement Program budget for Fiscal Years 2028 and 2029.

The Consultant has prior experience in pump station design and previously prepared the technical memorandum and feasibility evaluation for modifications to the Souljule Pump Station. Approval of this amendment will allow staff to continue making progress toward electrification of the pump station in an efficient and cost-effective manner.

**ENVIRONMENTAL REVIEW:** Not applicable.



**FISCAL IMPACT:** Funding for the Souljule Pipeline Project has been identified in the adopted Capital Budget. With the proposed amendment, the identified project funding would be utilized to complete the Souljule Pump Station Electrification Project design work, which also supports the District's water supply goals. The original Souljule Pipeline Project had a total design contract cost of \$2,213,895 with a staff requested contingency amount of \$110,000, for a total not to exceed amount of \$2,323,895. Staff has utilized \$368,142.21 of this contract to date, leaving an available budget balance of

\$1,955,752.79. Reprioritizing the available balance for the Soulajule Electrification Project will require a design contract cost of \$1,342,527 with a staff requested contingency amount of \$300,000 for a total not to exceed amount of \$1,642,527, leaving \$313,225.79 of the original contract amount available for other capital projects.

<b>Task Description</b>	<b>Budget</b>
<b>Task 1</b> – Project Management: This task includes project management and administration activities needed to complete task throughout the duration of the contract.	\$137,998
<b>Task 2</b> – Documents Review and Meetings: This task includes reviewing existing records from prior pumpstation planning phase to understand pump station layout, connection points, equipment needs and PG&E requirements.	\$60,928
<b>Task 3</b> – 35% Design Submittal: This task will develop 35% design plans and specifications of the project. Assess pump station building for seismic retrofits and building fire hardening needs.	\$183,909
<b>Task 4</b> – 65% Design Submittal: This task will prepare 65% design level civil, mechanical, electrical and Instrument & controls drawings and specifications which will incorporate District 35% design comments. Preparation of class level 3 (+20% to -%15) engineers construction cost estimate.	\$196,815
<b>Task 5</b> – 90% Design Submittal: This task will complete 90% design drawings, contract specifications that will incorporate the Districts 65% comments. Refine the engineers construction cost estimate to a class level 2 (+15% to -%5).	\$166,418
<b>Task 6</b> – 100% Design Submittal: This task includes development of 100% design plans and contract specifications and engineers estimate. Provide all project CAD files and design calculations.	\$90,120
<b>Task 7</b> – PG&E Coordination: This task will continue participation on PG&E coordination meetings to identify utility upgrade needs, transformer sizing and location as required by PG&E	\$25,912
<b>Task 8</b> – Bid Period Services: This task includes attending pre-bid meetings, response to bidder questions during bidding window, prepare contract addendums, attend pre-bidding job walk and review of bids.	\$47,557
<b>Task 9</b> – Engineering services during construction including engineering site visits, review of RFI's, submittals, show drawings and change orders.	\$307,734
<b>Task 10</b> – Optional Services: This task may include optional services if necessary, including final conformed plans and record drawings.	\$63,875
<b>Task 11</b> – Culverts: Engineering design services for the replacement of existing culverts associated with downstream flows from the pump station discharge.	\$61,261
<b>Professional Service Agreement Total</b>	<b>\$1,342,527</b>
<b>Contingency</b>	<b>\$300,000</b>
<b>Total Authorized Amount</b>	<b>\$1,642,527</b>

District Staff recommends the Board approve Amendment No.1 to professional services agreement MA-6269 with Kennedy/Jenks Consultants, Inc. to change the agreement scope of work from the Soulajule Pipeline Project design to the Soulajule Pumpstation Electrification Project design with an adjusted not to exceed amount of \$2,010,669.21 to reflect the proposed scope, requested contingency and the expenditures to date under the Agreement.

ATTACHMENT(S): None

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Engineering	 <b>Alex Anaya</b> Engineering Director	 <b>Ben Horenstein</b> General Manager