

2025, the District, with assistance from Underwater Resources, Inc., a specialized underwater construction firm, performed an underwater inspection of the outlet valves and confirmed the valves need to be replaced.

The District is proposing to contract with GEI Consultants, Inc. (GEI), a firm that has over 50 years of experience in dam design and safety retrofits and has completed dam projects in all 50 states. The proposed work focuses on replacement of both Phoenix and Bon Tempe outlet control elements and associated actuation systems. Services include document review, field investigations (including further underwater inspections), preliminary design, final design, regulatory coordination and permitting with the state Division of Safety of Dams (DSOD), environmental documentation support, and bidding support assistance. GEI has performed numerous feasibility level designs, final designs, preparation of plans and specifications, and construction management. GEI's staff are local to the Bay Area, and the proposed team has completed dam projects from concept through construction and includes former DSOD employees.

The proposal submitted by GEI provides a comprehensive approach based on their subject matter expertise, familiarity with the District's system from performing work on the District's dam assessments, and attention to detail. District staff recommends the District select GEI to proceed with the Phoenix and Bon Tempe Outlet Valve Design Contract.

Budget:

Professional Services Agreement: \$1,155,588

Contingency (15%): \$173,000

Total Budget: \$1,328,588

Budget Category: A1A05

The proposed design services are scheduled to be completed in April 2027.

District staff recommends that the Board approve Professional Services Agreement MA-6545 with GEI Consultants, Inc., for design engineering services for the Phoenix and Bon Tempe Outlet Valve Design Contract and authorize the General Manager to execute the agreement. The proposed agreement will be for an amount of \$1,155,588, with a staff requested contingency of \$173,000, for a total not to exceed amount of \$1,328,588. Funding to pay for this agreement will utilize funds identified for this project in the current two-year capital program.

ENVIRONMENTAL REVIEW: Not Applicable.

FISCAL IMPACT: The Phoenix and Bon Tempe Outlet Valve Design Contract is funded in the Fiscal Year 2025/2026 Adopted Capital Budget and is in the five-year Capital Improvement Plan. As shown in the table below, the total cost for the agreement with GEI is \$1,155,588 with a staff requested contingency of \$173,000 for a total not to exceed amount of \$1,328,588.

Task Description	Budget
Phoenix Lake Dam	
Task 1 – Will include project management and coordination, as built document review and field studies, design services thru 100% design package, environmental compliance (CEQA) including regulatory agency permitting and bidding support services.	\$606,748
Bon Tempe Dam	
Task 2 – Will include project management and coordination, as built document review and field studies, design services thru 100% design package, environmental compliance (CEQA) including regulatory agency permitting and bidding support services.	\$548,840
Professional Services Agreement Total	\$1,155,588
Contingency (15%)	\$173,000
Total Authorized Amount	\$1,328,588

ATTACHMENT(S): None.

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