



Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve AECOM (Engineering - Reservoir) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$1,765,758 for the period of September 1, 2020 through December 31, 2021.

Detailed Description/Background:

On April 17, 2020 the Reservoir Committee approved a work plan for the Amendment 2 period of performance September 1, 2020 through December 31, 2021 which included Engineering – Reservoir services. AECOM has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed AECOM's Task Order No. 3 was negotiated and is recommended by the Authority Agent's to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Project Coordination:** Attend and participate in meetings with Authority staff, other consultant team members, agencies, and stakeholders. (\$41,239)
- **Preliminary Hydraulic Model (Support):** Engineering support of project reservoir features required in preparation of preliminary hydraulic models. (\$12,092)
- **Feasibility Report (Draft):** Assemble and support preparation of the Draft Feasibility Report. (\$225,903)
- **Feasibility Report (Final):** Assemble and support preparation of the Final Feasibility Report required for the California Water Commission determination of project feasibility. (\$90,668)
- **Constructability Analysis:** Prepare construction analysis that demonstrates project reservoir features can be constructed using existing technology, available materials, workforce, and equipment. (\$156,475)
- **Confirm Project Benefits:** Coordinate with the project team to confirm project benefits and analyze as part of the feasibility study. (\$65,161)
- **Cost Allocation:** Prepare a benefits-based cost allocation approach in determining costs to be assigned to the project beneficiaries. (\$24,190)
- **Develop Class 4 Cost Estimate including Mitigation Measures:** Develop a Class 4 project cost estimate for reservoir features based on guidance defined by the Association for the Advancement of Cost Engineering. (\$294,941)
- **DSOD Engagement Plan and Feasibility Review:** Engineering support of project reservoir features to engage with the Department of Water Resources Division of Safety of Dams. (\$108,881)
- **Engineering Support for Environmental & Permitting:** Progress feasibility design in support of environmental analysis and permitting requirements. (\$261,733)

- **Convert drawings to GIS:** Convert feasibility design drawing files to GIS format for environmental analysis (\$41,705)
- **Confirm Environmental Feasibility with Mitigation:** Coordination to obtain finding of environmental feasibility with mitigation commitments for the Feasibility Report. (\$7,005)
- **Economic Feasibility:** Demonstrate Project economic feasibility by developing benefit-to-cost ratio analysis as part of the feasibility study. (\$23,186)
- **Financial Feasibility Coordination:** Analyze and demonstrate sufficient funding will be available to cover the construction and operation and maintenance cost as part of the feasibility study. (\$23,186)
- **Risk Workshop Support:** Develop risk input and identify risk mitigation strategy for project reservoir features. (\$63,760)
- **Program Design/Construction/Permitting Implementation:** Support development of a work plan for future program phases including design, construction and permit implementation. (\$47,811)
- **Geotechnical Permit Planning & Investigation Plan:** Support development of geotechnical exploration programs for feasibility design confirmation and preliminary engineering. (\$172,139)
- **Project Management:** Monitoring and report AECOM task order budgets, reviewing labor and expense effort, coordinating staffing requirements, and implementing the quality control plan. (\$103,682)
- **Expenses:** Miscellaneous expenses. (\$2,000)

Prior Action:

February 21, 2020: Approved contract amendment to increase the budget to the AECOM contract.

November 21, 2019: Approved a recommendation to the Project Authority to approve a modification to the AECOM contract period of performance by extending the contract from December 31, 2019 through June 30, 2020 with no change in cost.

July 19, 2019: Approved a recommendation to the Authority Board to extend the AECOM contract from July 31, 2019 through December 31, 2019.

February 21, 2019: Approved a recommend to the Authority Board to extend the AECOM contract from March 31, 2019 through July 31, 2019.

October 18, 2018: Approved a recommendation to the Authority Board to postpone or cancel the evaluation of submittals for Service Area H (Engineering Services).

Fiscal Impact/Funding Source:

Sufficient funds are Included in the revised Amendment 2 Work Plan. Consultant activity will be monitored closely to ensure quality, timely deliverables and to ensure a positive project cash balance is always maintained.

Staff Contact:

Joe Trapasso

Attachments:

None.