



Topic: **Reservoir Committee Agenda Item 2-1.4**

2020 August 21

Subject: **Task Order for Professional Services - Operations (CH2M Hill Engineers, Inc.)**

Requested Action:

Consider approval of a recommendation to the Sites Project Authority and approve CH2M Hill engineers, Inc.'s (CH2M) (Operations) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$2,094,564 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 operations activities. CH2M has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed CH2M's Task Order No. 3 was negotiated and is recommended by the Authority Agents to achieve the required deliverables and milestones for Amendment 2.

The scope contains the following tasks:

- **Operations Analysis:** Perform modeling analyses of the revised alternatives incorporating a revised modeling baseline and revised operational criteria and provide output for the Draft Revised Environmental Impact Report (EIR)/Supplemental Environmental Impact Statement (EIS), the Biological Assessment, and the water rights application. This task includes the full suite of models required for these deliverables, including hydraulic and hydrologic, temperature/water quality, and fisheries. (\$1,008,060)
- **Operations Plan:** Support the development of the Authority's Operations Plan, Version 1. (\$45,019)
- **Operational Agreements:** Provide analysis required for developing term sheets for operational agreements with the Bureau of Reclamation, the Department of Water Resources, Tehama-Colusa Canal Authority, Glenn Colusa Irrigation District, and entities in and along the Colusa Basin Drain. (\$45,019)
- **Documentation:** Provide all supporting documentation and appendices for the Revised EIR/Supplemental EIS and Biological Assessment. This task includes the development of approximately thirty appendices and technical memorandums used to support the analysis performed. (\$178,906)
- **Baseline Bridging Analysis:** Perform a bridging analysis on the modeling baseline for the preferred alternative. This task will provide a sensitivity analysis on the baseline to assess and quantify any impact the selection of the baseline may have had on the modeling results used in the Revised EIR/Supplemental EIS and Biological Assessment. (\$247,322)

- **CWC/WSIP:** Provide modeling and associated documentation required for the California Water Commission Feasibility Report, including assessing benefits for the participants, state, and federal government under climate change scenarios. (\$431,788)
- **Project Management:** Provide management of the scope and budget for Amendment 2, including monitoring task budgets, reviewing labor and expense effort, and coordinating staffing requirements. This task also includes management of staff and subconsultants, as well as financial management and accounting support for this task order. (\$129,175)
- **Expenses:** Miscellaneous expenses. (\$9,276)

Prior Action:

February 21, 2020: Approved an amendment to CH2M Hill Engineers, Inc.'s (CH2M) (Operations Simulation Modeling) contract and task order scope of services, budget and period of performance.

January 17, 2020: Approved Amendment 1B Work Plan for the period of January 1, 2020 through August 31, 2020 as part of a no cost time extension to the then current Participation Agreement. The Amendment included summary-level descriptions of the deliverables with estimated Reservoir Committee budgets. Each deliverable budget was further defined in the document by the level of effort required to complete each deliverable by consultant for use in developing amended consultant task orders intended to be submitted for approval to the Reservoir Committee and Authority Board in February 2020.

December 19, 2019: Approved a recommendation to the Sites Project Authority to approve an amendment to CH2M Hill Engineers, Inc.'s (CH2M) (Operations Simulation Modeling) contract period of performance by extending their task order from December 31, 2019 through June 30, 2020 with no change in their cost

March 22, 2019: Approved a recommendation to the Sites Project Authority to approve both the consulting agreement with CH2M Hill Engineers, Inc. (CH2M) for Service Area D – Operations Simulation Modeling and the Phase 2 (2019) task order and budget for services April 1, 2019 through December 31, 2019.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of CH2M for Service Area D – Operations Simulation Modeling.

August 16, 2018: Approved a recommendation to the Sites Project Authority to release of the Project Development Support Services RFQ-18-04.

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:

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Attachments: None.