



Meeting: **Reservoir Committee/Authority Board
Agenda Item 1.4**

April 19, 2024

Subject: **Task Order No. 4 Amendment No. 5 for CH2M Hill Engineers, Inc.
(CH2M)**

Requested Action:

Reservoir Committee and Authority Board consider approval of a task order amendment with CH2M Hill Engineers, Inc. Operations for additional modeling services in the amount of \$462,000 bringing the not to exceed task order amount to \$3,259,000.

Detailed Description/Background:

CH2M provides project modeling services related to environmental planning and permitting. Increasing the CH2M contract authority and budget for project modeling services is needed for additional work for the following activities:

- Refined CalSim II Modeling for the CDFW Incidental Take Permit – The Authority has been working with CDFW on developing the Operations Incidental Take Permit (ITP) since 2023 and has been working with CDFW staff to address questions and conduct additional modeling analysis. To assist CDFW in its analysis, two additional CalSim II runs need to be conducted along with running all downstream models (such as DSM2). This modeling and subsequent work with CDFW on the results is critical to the timely issuance of Project’s Operations ITP. This additional work results in a budget increase of \$87,000.
- CalSim 3 Modeling – The Authority began preparation of a Sites CalSim 3 model in 2023. This effort is important to be prepared when the CalSim 3 modeling platform becomes the standard in the coming years. It is also necessary to have a Sites CalSim 3 representation to evaluate the Project in the context of the ongoing, but separate permitting process of the CVP/SWP LTO reconsultation efforts. While the preparation of a Sites CalSim3 model is underway, it is taking a substantially greater level of effort than originally anticipated, largely due to the fact that the model platform is complex and bugs are still being worked out. In addition, this task includes two more additional modeling runs (and all downstream modeling) to complete anticipated permitting needs for the Step Two Operations Biological Assessment. This additional work results in a budget increase of \$375,000.

Per the Delegation of Authority, Board approval is required to increase consultant task orders over \$100,000.

Prior Action:

December 2023: Authority Board approved a 2024 Budget Update and Consultant Contract Authority which included CH2M’s 2024 task order budget of \$2,689,091.

Fiscal Impact/Funding Source:

The \$462,000 CH2M task order budget amount will be offset by a reduction in other consultants’ Permitting Subject Area 2024 budgets resulting in no increase to the overall work plan budget and no change to the subject area level budgets. Amendment 3 not-to-exceed contract authority for CH2M Hill will be increased to \$3,258,836.

Staff Contact:

Ali Forsythe

Primary Service Provider:

Brown and Caldwell – Project Controls

Attachments:

None