



Topic: **Reservoir Committee Agenda Item 2-1.1**

**2020 August 21**

Subject: **Task Order for Professional Services (HDR Engineers, Inc.)**

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**Requested Action:**

Consider approval of a recommendation to the Sites Project Authority and approve HDR Engineers, Inc.'s (Project Integration) Amendment 2 Task Order No. 3.0 scope of work with a not to exceed contract authority of \$4,342,136 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 Project Integration services. HDR has satisfactorily performed these services for the Authority since 2019. The below summary of the scope of services contained in the proposed HDR'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:

- **Operations Simulation Modeling Integration:** Coordinating the operations modeling activities with the environmental and engineering teams to ensure a coordinated approach to the modeling. This task also includes acting as the consultant lead for operating agreements with DWR and Reclamation, working with the modeling team to re-assess the state, federal, and local benefits for the CWC Feasibility Study based on the Value Planning project, and updating the reservoir operations plan and the storage policy. (\$321,730)
- **Environmental Planning Integration:** Integration efforts needed to support the Authority in compliance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). Primary activities include working with the Service Area E contractor (Environmental Service Provider) to facilitate the successful completion of their scope of work, leading coordination with Reclamation on the EIS, serving as an extension of staff to the Authority, providing support to the EPP and the Authority as needed. This scope will be achieved through working closely with all service providers and other parties in order to obtain critical information, coordinate additional technical expertise as needed and provide guidance needed to complete a CEQA/NEPA Supplemental Draft EIR/EIS in July 2021 and additional efforts to support a finding of environmental feasibility by the California Water Commission (CWC) in December 2021. (\$832,095)

- **Permitting & Agreements Integration:** Integration efforts needed to support the Authority in compliance with the State and Federal Endangered Species Acts, Clean Water Act Sections 401, 402 and 404, the Rivers and Harbors Act the Porter-Cologne Water Act, California Water Code, National Historic Preservation Act, California Fish and Game Code Section 1600, and Title 23 of the California Code of Regulations. The permitting integration team will also lead the water rights application process, working closely with the water rights consultant and attorney. Primary activities include working with the Service Area F contractor (Permitting Service Provider) to facilitate the successful completion of their scope of work and to serve as an extension of staff to the Authority, providing support to the EPP Manager and the Authority as needed. (\$1,034,175)
- **Real Estate Integration:** Work associated with land, real estate, right-of-way, and public/landowner engagement considerations in support of the Engineering, Environmental, Permitting, Geotechnical and Communications efforts for the Sites Project. It also includes programmatic real estate development for near-term land access and future land needs, land acquisition, and land management in support of the Authority's objectives as well as the management of the GIS-based right-of-way tool. (\$247,404)
- **Engineering Services Integration:** Coordination with the engineering service providers to provide engineering details for the development of the project description for the environmental documents. It also includes providing overall QA and strategy for the development of the CWC feasibility study. The engineering integration team will also lead a risk workshop and assessment and will lead the development of risk mitigation strategies. (\$708,761)
- **Geology & Geotechnical Engineering Integration:** Coordinating activities and needs between the engineering, environmental planning and permitting service providers. This includes expected field exploration associated with providing data for the CWC feasibility study. (\$38,464)
- **Project Controls Integration:** Work associated with local, state, and federal funding support, task order development and QC, Work planning and scheduling support and ongoing business efforts for the Sites Project. The Consultant team will work closely with the Project Controls service provider to coordinate and support all tasks. (\$429,595)
- **General Integration:** Work associated with general Integration items, including the WIFIA Applications and acting as the primary point of contact for Reclamation's Sites project manager. Work with Reclamation includes coordinating the federal and CWC feasibility studies and post-authorization reports, using federal funds for geotechnical exploration, and working with Reclamation management on obtaining pre-construction and construction funding for the Sites Project. This task is also utilized for other activities that may come up through the duration of the task order. (\$127,202)
- **IT:** Work associated with providing IT support and resources to the entire program, including maintaining the project SharePoint site. This task also includes hosting the virtual reservoir committee and authority board meetings. (\$52,500)

- **GIS:** Work associated with providing GIS support for the Sites Project. This task includes the management, storage and quality control for GIS data. (\$52,500)
- **Document Management:** Work associated with supporting staff in document and data management for the Sites Project. The Document Manager will format files and presentations as needed, will work to organize and store files on the SharePoint site and will help with overall file storage and organization setup. (\$58,800)
- **Staff Support:** Supporting work across the project on an as needed basis, including graphics, figure creation and other miscellaneous needs as requested by Authority Agents. (\$36,750)
- **Project Management:** Work associated with project management and quality control in support of project controls for the Sites Project. (\$274,160)
- **Expenses:** Miscellaneous expenses including Sacramento office rent for the authority agents (\$128,000)

**Prior Action:**

February 21, 2020: Approved an amendment to HDR Engineers, Inc.'s (Project Integration) contract and task order scope of work, 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 HDR Engineers, Inc.'s (HDR) (Project Integration) 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 the HDR Engineering, Inc. Phase 2 (2019) task order and budget for project integration and management services from April 1, 2019 through December 31, 2019.

January 18, 2019: Delegated responsibility to the Ad Hoc Finance and Economics Work Group to review and consider accepting the terms and conditions and recommending to the Sites Project Authority to approve the agreement negotiated by staff.

November 16, 2018: Approved a recommendation to the Sites Project Authority to accept the evaluation panel's selection of HDR for Service Area A – Project Integration.

August 16, 2018: Approved a recommendation to the Sites Project Authority to the 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:**

Joe Trapasso

**Attachments:**

None.