

EWEB Board Consent Calendar Request

For Contract Increases

The Board is being asked to approve additional funds for engineering services with Schnabel Engineering LLC.

Board Meeting Date: 11/5/2019

Project Name/Contract #: Investigation of Sinkholes at Carmen Diversion Reservoir/18-2701Q

Primary Contact: Susan Ackerman Ext. 7185

Contract Amount:

Original Contract Amount: \$169,616

Term of Agreement: **9/1/2018 – 12/31/2020**

Additional \$ Previously Approved: \$ 92,466

Invoices over last approval: \$0

Percentage over last approval: 0%

Amount this Request: \$81,204

Resulting Cumulative Total: \$343,286

Contracting Method:

Method of Solicitation: Direct Negotiation

If applicable, basis for exemption: Sole Source - Emergency Declaration on 8/17/2018

Option to Renew? No

Approval for purchases “as needed” for the life of the Contract Yes ☐ No ☒

Proposals/Bids Received (Range): N/A – Direct Negotiation

Selection Basis: Direct Negotiation

Narrative:

Operational Requirement and Alignment with Strategic Plan

EWEB lowered the operating level of Carmen Diversion Reservoir in October 2018 in response to indications of progressive sinkhole development on the bottom of the reservoir and has been operating the facility at a reduced level since that time. This project involves geotechnical investigations and engineering analyses to determine a sinkhole repair approach that will ensure long term safe operation of the reservoir.

Additional Work Needed

This consent item requests Board approval of a contract amendment that procures additional engineering services as necessary to reconcile the original scope of engineering services with the ultimate scope of work required by the FERC. Schnabel prepared a Drilling Program Plan (DPP) in October 2018 that was subsequently updated by four revisions in response to FERC review comments.

Contracted Goods or Services

Following FERC approval of the DPP in August 2019, EWEB negotiated a contract amendment with Schnabel for additional engineering services required in the final version of the DPP. The services include field oversight by a geotechnical engineer for additional boreholes/test pits and subsequent documentation of field work results in a geotechnical report. The services also include additional laboratory and field testing of subsurface soils as well as installation of additional piezometers for long term monitoring of subsurface water levels.

Purchasing Process

EWEB direct negotiated this contract amendment following final FERC approval of the DPP.

Prior Contract Activities

In July 2018, the FERC directed EWEB to work with our Independent Consultant (our current IC for the Carmen-Smith Project is Schnabel Engineering) to develop a subsurface investigation plan for the Carmen Diversion

sinkholes. To expedite progress in response to this FERC direction, EWEB issued an emergency declaration in August 2018 that facilitated the original contract with Schnabel for \$169,616. Following FERC direction for the IC to conduct stability analyses of the Carmen Diversion spillway structure and review EWEB's wet weather operations plan for Carmen Diversion, the contract value was increased to \$262,082 in December 2018.

ACTION REQUESTED:

Management requests the Board approve an increase to the contract for \$81,204. This unplanned, emergent work is being covered by underspending on other EWEB projects and contingency funds. Variances will be managed within the budget process and Board policy.