

EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a contract with **Cornforth Consultants, Inc.** for Leaburg-Waltermville dam safety engineering services.

Board Meeting Date: July 6, 2021

Project Name/Contract #: Leaburg-Waltermville Dam Safety Engineering Services / 21-019-Q

Primary Contact: Rod Price Ext. 7122

Contract Amount:

Original Contract Amount: \$3,000,000

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 0%

Amount this Request: \$3,000,000

Resulting Cumulative Total: \$3,000,000

Contracting Method:

Method of Solicitation: Formal Request for Proposals – Qualification Based Selection

If applicable, basis for exemption: N/A

Term of Agreement: Up to 5 years

Option to Renew? No

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

Proposals Received (Range): 2 (\$454k to \$594k – Task Order #1 only)

Selection Basis: Qualification Based Selection (QBS process)

Narrative:

Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve a new engineering consulting services contract with Cornforth Consultants, Inc. of Portland, Oregon, for the Leaburg-Waltermville Dam Safety Improvement project.

There are three main objectives for the contract: 1) Design of repairs to infrastructure to increase the operational reliability of the Waltermville Canal; 2) Complete a variety of engineering studies that address the issues of dam safety and public safety, as committed to by EWEB and required by the Federal Energy Regulatory Commission (FERC) Division of Dam Safety and Inspection (D2SI); 3) Provide necessary engineering expertise (civil, structural, geotechnical, hydraulic, hydrologic, and construction management) in implementing short-term measures for Leaburg Canal risk mitigation while the Board decides on the future of the canal.

Contracted Goods or Services

The consultant will provide engineering services in three Task Orders (TO):

TO#1 includes the following services: a) engineering investigations, evaluations, and recommendations to repair the Waltherville spillway where water scour has undermined portions of the foundation and to repair the embankment lining separation in the Waltherville forebay area; b) seismic stability evaluations of all structures in the Waltherville forebay area and the canal embankments in two high hazard locations as required by FERC D2SI; c) hydrologic and hydraulic studies along the Waltherville Canal during extreme wet weather conditions as required by FERC D2SI.

TO#2 includes repair design and construction support services for the preferred alternative at Waltherville spillway as determined in TO#1.

TO#3 includes engineering investigations, evaluations, recommendations, designs, and construction support for the Leaburg Canal short-term safety improvement and risk mitigation measures while it continues to operate as a stormwater conveyance, which are required by FERC D2SI.

The total fee estimate for the three TOs, which includes engineering, designs, specifications, and construction support services, is \$3,000,000. The three Task Orders are expected to be completed over five years. At this time, Task Order 1 has a fully defined scope and is based on pricing negotiated with the consultant. Task Orders 2 and 3 have been estimated, pending scope development.

Cornforth Consultants, Inc. team's billing rates are consistent with engineering firms in the Pacific Northwest and as compared to other firms currently doing similar work for EWEB.

Prior Contract Activities

Contract # / Short Description	Final Cost	On-time Status
19-165-Q Risk Informed Alternatives Analysis	\$999,000	On-time
18-2732Q Emergency Geotechnical Engineering for Leaburg Canal	\$426,000	On-time
20-097-Q Landslide and Embankment Monitoring at LB Canal	\$9,8200	On-time
Q2579 Inspection of Smith Power Tunnel and Penstock	\$89,900	On-time
Q2566 LB Canal Inclinometer & Piezometer Readings	\$65,345	On-time

Purchasing Process

In April 2021, Purchasing initiated a Request for Proposals (RFP) using the Qualifications Based Selection (QBS) process for engineering services for dam safety engineering consulting at the Leaburg/Waltherville projects. Proposals were received from two firms. Both firms were responsive and responsible.

The proposals were evaluated by an EWEB evaluation team. The maximum number of possible points for written responses was 170, using the following criteria : Minimum Qualifications (Pass / No Pass – Not scored), Project Understanding (50 points), Staff Resources & Project Management (40 points), Key Staff Qualifications (40 points), Demonstrated Ability to Complete Projects (40 points).

Cornforth Consultants and Jacobs were shortlisted for further evaluation and attended online

presentations/interviews with the EWEB evaluation team. Cornforth Consultants and Jacobs were selected as finalists and were invited to submit pricing for elements of one of the initial task orders. The responses were analyzed for realistic approach to pricing and value to EWEB, including efficiency of hours proposed for each sub-task in correlation with Consultant’s proposed staff rates. The maximum pricing points possible was 30, for a total of 200 potential points. Cornforth Consultants was selected as the most qualified consultant and offered the lowest rate schedule, consistent with QBS criteria.

Vendor Name	City, State	Ranking (for Request For Proposals)
Cornforth Consultants	Portland, OR	1
Jacobs	Corvallis, OR	2

The proposed contract structure is that of a master services agreement (MSA) and will eventually include three individually negotiated task orders. Identified task orders will include engineering services for the following:

ACTION REQUESTED:

Management requests the Board approve the contract with Cornforth Consultants, Inc. for Leaburg-Waltermville dam safety engineering services. Approximately \$3,000,000 is planned for these services in the dam safety O&M budget for the next five years. Variances will be managed within the budget process and Board policy.