

## **EWEB Board Consent Calendar Request**

*For Contract Awards, Renewals, and Increases*

The Board is being asked to approve a new contract with **Lighthouse Energy Consulting** for **Demand-Side Potential Assessment Consulting Services**.

Board Meeting Date:	May 7, 2024	
Project Name/Contract #:	Demand-Side Potential Assessment Consulting Services / 24-004-PSC	
Manager:	Anna Wade	Ext. 7401
Executive Officer:	Brian Booth	Ext. 7774

### **Contract Amount:**

Original Contract Amount:	\$200,000
Additional \$ Previously Approved:	\$0
Spend over last approval:	\$0
Amount this Request:	\$200,000
% Increase over last approval:	NA
Resulting Cumulative Total:	<b>\$200,000</b>

### **Contracting Method:**

Method of Solicitation:	Formal Request for Proposal
If applicable, basis for exemption:	NA
Term of Agreement:	Completion by April 2025
Option to Renew?	No
Approval for purchases "as needed":	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Proposals/Bids Received (Range):	1 – (\$188,220)
Selection Basis:	Highest Ranked Proposer

Narrative:

#### Operational Requirement and Alignment with Strategic Plan

To better understand the potential of various sectors and drivers for the demand and utilization of energy, EWEB will be working with a consultant to conduct a Demand-Side Potential Assessment (DSPA). The DSPA's areas of work include conservation (CPA), demand response (DRPA), electrification (EPA), and customer-owned solar photovoltaic (COSPPA).

The results and deliverables from the DSPA will provide inputs for EWEB's 2025 Integrated Resource Planning (IRP) model, and aide in informing future design and scale of customer programs, load forecasting evaluations, and distribution planning. The evaluation period for the DSPA is a 22-year period of 2024 to 2045.

#### Contracted Goods or Services

If approved, Lighthouse Energy Consulting (LEC) will complete a Demand-Side Potential Assessment covering conservation, demand response, electrification, and customer-owned solar photovoltaic. LEC will work in close cooperation with EWEB stakeholders and will leverage—as available and appropriate—various existing and in-development internal and external data, resources, and evaluations across the four identified areas of work.

LEC brings strong expertise and experience in the completion of CPAs and DRPAs in the Pacific Northwest and for Bonneville Power Administration (BPA) utility customers. Additionally, LEC experience includes familiarity with the Northwest Power and Conservation Council's (Council) Power Plan methodologies and models, completion of CPAs and DRPAs for BPA's Resource Program, and its principle serves on the Council's Conservation and Demand Response Advisory Committees. LEC and its subcontractor have completed analyses work in the areas of electrification and solar photovoltaic assessments, including completion of an electrification impact evaluation and a rooftop solar potential assessment. Timing for the conservation and demand response potential assessments are critical to serve as inputs to the IRP and LEC's identified timeline meets EWEB's needs.

Purchasing Process

In February 2024, staff issued a Formal Request for Proposals (RFP) posted in the State of Oregon's procurement website, OregonBuys. A pre-proposal conference was held and attended by two (2) consulting firms. EWEB received one proposal response submitted by Lighthouse Energy Consulting of Portland, OR. The response was evaluated based on criteria stated in the RFP, including Project Approach and Timeline, Project Experience, Project Team Experience, and Pricing. Lighthouse Energy Consulting has demonstrated extensive experience conducting DSPAs for electric utilities in the Pacific Northwest, including BPA utility customers. Lighthouse Energy Consulting was deemed responsive and responsible.

Proposals/Bids Received

Vendor Name	City, State	Offered Price	Ranking (for RFPs)
Lighthouse Energy Consulting	Portland, OR	\$188,220	1st

Competitive Fair Price (If less than 3 responses received)

Twelve (12) consulting firms downloaded the solicitation, but only Lighthouse Energy Consulting elected to submit a proposal. Other interested consultants were contacted and stated they did not have the resources at this time and chose not to propose. Staff checked Lighthouse Energy Consulting's references and received positive feedback.

Staff researched costs of demand side potential assessments performed for other Pacific Northwest utilities, ranging in budgets of \$190,000 to \$360,000. Various combinations of assessments were performed, including a one-part evaluation (conservation potential assessment), a two-part evaluation (conservation and demand response potential assessments), and a three-part evaluation (conservation, demand response, and customer-owned solar photovoltaic potential assessments). If awarded a contract, Lighthouse Energy Consulting will be performing a four-part evaluation for EWEB (conservation, demand response, customer-owned solar photovoltaic, and electrification potential assessments).

Prior Contract Activities

This will be the first contract EWEB has awarded to Lighthouse Energy Consulting.

**ACTION REQUESTED:**

Management requests the Board approve a contract with Lighthouse Energy Consulting for Demand-Side Potential Assessment Consulting Services. \$400,000 was planned for these services in the Customer Relationship Management 2024 budget of \$456,000. Variances will be managed within the budget process and Board policy.