EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a new contract with **Virginia Transformer Corp** for a **Load Bank Power Transformer**.

Board Meeting Date:	March 4, 2025	
Project Name/Contract #:	50 MVA Transformer for Carmen-Smith / 24-194-G	
Manager:	Lisa Krentz	Ext. 7450
Executive Officer:	Karen Kelley	Ext. 7153

Contract Amount:

Original Contract Amount:	$1,719,000
Additional $ Previously Approved:	$0
Spend over last approval:	$0
Amount this Request:	$1,719,000
% Increase over last approval:	NA
Resulting Cumulative Total:	**$1,719,000**

Contracting Method:

Method of Solicitation:	Formal Request for Proposals
If applicable, basis for exemption:	NA
Term of Agreement:	August 31, 2026
Option to Renew?	No
Approval for purchases *"as needed"*:	Yes☐ No☒
Proposals/Bids Received (Range):	7
Selection Basis:	Highest Ranked Proposer

Narrative:

Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve a new contract with Virginia Transformer Corp for the purchase of a single transformer for the Carmen-Smith Hydroelectric Project. EWEB requires one new transformer to be installed as part of the Carmen-Smith Load Bank Project. This includes a 50 MVA generator step-up (GSU) transformer to connect the Load Bank to the existing Carmen-Smith transmission line and generation facilities.

Contracted Goods or Services

If approved, EWEB will purchase one 50 MVA transformer under this contract. The transformer is an essential piece of equipment to be installed as part of the planned Load Bank at the Carmen-Smith Hydroelectric Project. The Load Bank project satisfies the 2019 Carmen Smith operating license requirement to bypass flows in the Smith Bypass reach and improve habitat for Endangered Species Act listed aquatic species. The project will protect investments made in restoring aquatic habitat, increase resiliency, provide flexibility in project operations, and reduce risk to critical dam safety facilities. The total contract amount of $1,718,400 includes the transformer, delivery, assembly and field testing. Funding for the transformer is included in the proposed Load Bank project budget shown in the Carmen Smith License Deployment Department 2025 Capital Budget.

Purchasing Process

In September 2024, Purchasing staff reached out to 15 electrical equipment companies, including many new to EWEB, to determine capabilities and interest in supplying a 50 MVA transformer, which is larger than the average substation transformer and most often available from larger suppliers.

In October 2024, staff issued a Request for Proposals (RFP). The solicitation was advertised on the State of Oregon's public procurement site, OregonBuys. Seven proposals were received from Virginia Transformer of Roanoke, VA (submitting 3 bids for 3 different factories), WEG Transformers of Duluth, GA, Doubletree Systems of Sunnyvale, CA, Larson Electronics of Kemp, TX, and Dozer Electrical of Dallas, TX. Five of the proposals were deemed responsive and responsible. Larson Electronics and Dozer Electrical's proposals were rejected because they did not meet the minimum qualifications as required by the RFP. Evaluation criteria and points were as follows:

Minimum Qualifications	Pass/No Pass
Compliance with EWEB's Specifications	60 points
Ability to Meet EWEB Terms	30 points
Lead Time	40 points
Client References	30 points
Pricing	40 points
Total	200 points

The proposals were reviewed and scored by the EWEB evaluation team. Based on the above criteria, including life cycle cost, Virginia Transformer's proposal from their Pocatello, Idaho factory earned the highest overall score for ability to deliver (lead time), compliance with EWEB's contract terms, and offering the lowest price for goods that will meet EWEB's specifications.

EWEB has successfully procured large transformers in the past from Virginia Transformer's Roanoke, Virginia factory and an EWEB staff Sr. Engineer visited the Pocatello factory. EWEB found the factory there to reflect acceptable standards. Procurement from the Idaho factory will be a big advantage to EWEB as the factory is close to Oregon. Most of the major components in their transformers are from the U.S.

Proposals Received (Base Price)

Vendor Name / Manufacturer, if different / Factory Location	City, State	Offered Price	Ranking (for RFPs)
Virginia Transformer - Pocatello, ID	Roanoke, VA	$1,678,400	1
Virginia Transformer - Mexico	Roanoke, VA	$1,829,456	2
Doubletree Systems (Jiangsu Huapeng Transformer Co.) - Jiangsu, China	San Jose, CA	$2,520,000	3
Virginia Transformer – Rincon, GA	Roanoke, VA	$1,930,160	4
WEG Transformers USA – Tizayuca, Hidalgo, Mexico	Washington, MO	$1,932,520	5
Larson Electronics – Dallas, TX	Kemp, TX	$1,713,502	Non-Responsive
Dozer Electrical (Toshiba) - Jiangsu, China	Las Vegas, NV	$2,033,500	Non-Responsive

Prior Contract Activities

EWEB Contract	Project Name (Description)	Board Approved	Project Duration (Start to Close)	Original Amount	Approved/Amended Amount to Date (Total)	Reason Code
22-099-G	Station Class Power Transformers	1-3-23	11-5-23 to 12-31-24 (extendable up to 5 years)	$17,000,000	$6,157,790	
24-115-G	Two 1500/2000 KVA Substation Regulators	10-1-24	10-2-24 to 10-2-26 (extendable up to 5 years)	$450,160	$450,160	
21-190-GS	Two 1500/2000 KVA 3 Phase Substation Regulators	11-2-21	11-4-21 to 6-17-22	$775,118	$775,118	
Reason Code: AM = Additional Materials, AW = Additional Work, EW= Emergency Work, SD = Staff Directed, UC = Unforeseen Conditions, Other						

ACTION REQUESTED:

Management requests the Board approve a contract with Virginia Transformer Corp for a substation power transformer. Approximately $5 million was planned for this project in the Carmen-Smith License Deployment Department 2025 Capital Budget. Variances will be managed within the budget process and Board policy.

BUDGET CATEGORY: Electric Capital, Type 3, Carmen Smith-License Deployment