



# MEMORANDUM

EUGENE WATER & ELECTRIC BOARD

*Rely on us.*

TO: Commissioners Mital, Simpson, Helgeson, Manning and Brown  
FROM: Mel Damewood, Engineering Manager, Frank Lawson, Systems Engineering Supervisor, and Philip Peterson, Staff Electrical Engineer  
DATE: December 23, 2015  
SUBJECT: Holden Creek Control House and Medium Voltage Switchgear  
OBJECTIVE: Approve Contract

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## **Issue**

Staff is requesting approval of a contract to purchase an integrated control house and switchgear for the new Holden Creek Substation.

## **Background**

EWEB is designing the new Holden Creek Substation with plans to begin construction in 2016. The Triple Bottom Line (TBL) benefits of this project were discussed in a November Board Memorandum entitled “Significant Type 2 Project Update/Cost Increase: Holden Creek Substation”.

## **Discussion**

For the Holden Creek project, EWEB requires transmission and substation protection, associated control equipment, along with medium voltage (12kV) switching equipment that protects and controls the distribution lines serving customers in the region. This substation will also provide a connection point for Leaburg generation to the larger electric system. Economics, resource availability, asset standardization, and potential ease of future service and upgrades are driving EWEB to contract the integration of this equipment to include a pre-fabricated control house, rather than designing and constructing a control house on-site.

EWEB issued RFP 048-2015 in October of 2015, inviting station equipment manufacturers to submit a solution to EWEB for the purchase of a “Substation Control House with Integrated Switchgear” for the future Holden Creek Substation. The RFP was scored based on considerations of total cost, adherence to EWEB technical specifications and EWEB terms and conditions, and phone interviews with vendor-supplied references. The RFP was reviewed by 18 companies. Four (4) responses were received and evaluated by staff with Wesco Distribution Inc. as the highest ranked proposer. EWEB has worked with Wesco Distribution Inc. in the past on multiple projects.

## **Recommendation**

Staff recommends the approval of a contract with Wesco Distribution Inc. for the purchase of a Substation Control House with Integrated Switchgear for the future Holden Creek Substation.

**Requested Action**

Approval of a contract with Wesco Distribution Inc. for the purchase of a Substation Control House with Integrated Switchgear for the future Holden Creek Substation.

# EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a contract with **WESCO** for the purchase of a pre-fabricated control house with integrated medium voltage switchgear for Holden Creek Substation.

Board Meeting Date: January 5, 2016  
Project Name/Contract#: Holden Creek Substation Control House RFP 048-2015  
Primary Contact: Mel Damewood Ext. 7145  
Purchasing Contact: Sandra Hahn Ext. 7163

<b>Action Requested:</b>	
<input checked="" type="checkbox"/>	Contract Award
<input type="checkbox"/>	Contract Renewal
<input type="checkbox"/>	Contract Increase
<input type="checkbox"/>	Other

**Contract Amount:**  
Original Contract Amount: \$ 840,000  
Additional \$ Previously Approved: \$ N/A  
Invoices over last approval: \$ N/A  
Percentage over last approval: N/A %  
Amount this Request: \$ 840,000  
**Resulting Cumulative Total:** \$ 840,000

<b>Funding Source:</b>	
<input checked="" type="checkbox"/>	Budget
<input type="checkbox"/>	Reserves
<input type="checkbox"/>	New Revenue
<input type="checkbox"/>	Bonding
<input type="checkbox"/>	Other

**Contracting Method:**  
Method of Solicitation: Formal Request for Proposals  
If applicable, basis for exemption: N/A  
Term of Agreement: December 31, 2016  
Option to Renew? No

<b>Form of Contract:</b>	
<input checked="" type="checkbox"/>	Single Purchase
<input type="checkbox"/>	Services
<input type="checkbox"/>	Personal Services
<input type="checkbox"/>	Construction
<input type="checkbox"/>	IGA
<input type="checkbox"/>	Price Agreement
<input type="checkbox"/>	Other

Approval for purchases "as needed" for the life of the contract No

## Narrative:

The Board is being asked to approve a new contract with **WESCO** of Portland, OR on behalf of EATON of Omaha, NE for the purchase of a pre-fabricated control house with integrated medium voltage switchgear for the new Holden Creek Substation. Holden Creek is a new substation being designed and built by EWEB as part of the upriver reconfiguration plan developed by engineering in March 2014. Holden Creek has been approved by management and is a Type 2 capital project. At the November 3, 2015 Board meeting, information on this project was provided in the EL-1 report, as well as a separate correspondence item.

EWEB requires a control house for substation protection, control, and communications circuits, as well as medium voltage equipment, to properly operate Holden Creek Substation. Staff evaluated options and determined that integrating these two items (control house and medium voltage switchgear) would be the most cost effective for EWEB.

RFP 048-2015 was issued on October 7, 2015 and closed on November 5, 2015 for the purchase of a control house with integrated medium voltage switchgear. The RFP was scored based on considerations of cost, adherence to EWEB technical specification, adherence to EWEB terms and conditions, and phone interviews with vendor-supplied references. Responses were received from WESCO of Portland, OR, Schneider Electric of Tualatin, OR, Myers Power Products of Ontario, CA, and Crown Technical Systems of Fontana, CA; WESCO was determined to be the highest ranked proposer.

## ACTION REQUESTED:

Management requests the Board approve a new contract with **WESCO** of Portland, OR for the purchase of a **pre-fabricated control house with integrated medium voltage switchgear for Holden Creek Substation**. Funds for this purchase were budgeted for 2016.

**SIGNATURES:**

Project Coordinator: \_\_\_\_\_

LT Manager: \_\_\_\_\_

Purchasing Manager: \_\_\_\_\_

General Manager: \_\_\_\_\_

Board Approval Date: \_\_\_\_\_

Secretary/Assistant Secretary verification: \_\_\_\_\_