

**EUGENE WATER & ELECTRIC BOARD  
REGULAR SESSION  
EWEB BOARD ROOM  
500 E 4<sup>th</sup> AVENUE  
March 3, 2020  
5:00 P.M.**

*Commissioners may pose questions to staff prior to the scheduled board meeting. To view Commissioners' pre-meeting questions and staff responses, visit <http://www.eweb.org/about-us/board-of-commissioners/2020board-agendas-and-minutes>.*

**Commissioners Present:** Steve Mital, President; Mindy Schlossberg, Vice President; John Brown, Sonya Carlson, Dick Helgeson, Commissioners

**Others Present:** Frank Lawson, General Manager; Lena Kostopulos, Chief Human Resources Officer; Elliot Mainzer; Administrator and CEO at Bonneville Power Administration; Karl Morgenstern, Environmental Supervisor; Rod Price, Chief Engineering and Operations Officer

Vice President Schlossberg called the Regular Session to order at 5:02 p.m.

**Agenda Check**

There were no changes or additions to the agenda.

**Bonneville Power Administration Update**

Mr. Lawson offered that Bonneville Power Administration (BPA) provided approximately 70% of EWEB's electricity supply via BPA's federal marketing and managing of electricity. He added the aforementioned electrical supply was mostly hydroelectric.

Mr. Mainzer offered those present an update on current BPA operations, specifically: BPA's Strategic Plan, resource adequacy, and salmon issues in the Columbia River.

Commissioner Carlson wondered if BPA was expecting any new power products that were more renewable-focused, or would it remain the regional blend of power products that BPA currently employed.

Mr. Mainzer replied that BPA currently had a team spread out across the region, talking to customers about what power products they would be looking for, as per their customers' power requests, in the next rounds of BPA contracts. He said BPA would take that feedback and try to deliver the requested power products, while maintaining affordability and deliverability.

Commissioner Brown asked, if the curtailment of coal power plants was accelerated, what regional affects that would have on power availability.

Mr. Mainzer offered the region was experiencing tremendous change in power generation resources, and with the phasing out of coal plants, regional power providers were looking for power to replace that, which in the past, came from coal. He offered BPA was part of a regional team project that, through the Northwest Power Pool (NWPP), was addressing what the load/resource balance of the region would look like in the near future.

Commissioner Carlson asked what resource efficiency looked like from BPA's perspective, and what EWEB could do to help achieve that efficiency.

Mr. Mainzer asserted that BPA's energy efficiency program was done in partnership with its customers, using an incentive mechanism with which BPA rates were made higher, and the additional revenue generated by the rate increase would go back to the customer to help fund their efficiency program(s).

Commissioner Helgeson asked how BPA expected the regional capacity constraints to progress, and if time-of-day rates might be a solution to said constraints.

Mr. Mainzer said the main innovations in rate design—including time-of-day rates—would happen at the retail utility level.

Vice President Schlossberg asked how climate change factored into BPA's generation planning.

Mr. Mainzer said that BPA was constantly working to get new, renewable sources onto the power grid. He said while there had not yet been a fundamental phase change with respect to power sources, that is something BPA was always watching for.

Commissioner Brown asked Mr. Mainzer if BPA had any long-term projections in the event of the Cascadia Subduction Zone earthquake.

Mr. Mainzer replied infrastructure on the west side of the BPA system would almost certainly be destroyed by that kind of earthquake. He added BPA's resiliency plan included moving operations to Spokane, in the event of natural disaster.

Commissioner Carlson asked about BPA making payments to the private sector to stabilize rates.

Mr. Mainzer returned that, in 1980, there was a piece of regional legislation codified called the Northwest Power Act that set BPA's obligations and responsibilities with respect to energy efficiency and local wildlife preservation. He said the Northwest Power Act made it so smaller, investor-owned utilities could take advantage of the lower rates associated with federal power access.

## **Public Input**

**Jim Neu** of Eugene thanked the EWEB staff and Commissioners who provided the recent meeting to 350 Eugene et al. at which there were presentations on energy and carbon. He wondered if residential and commercial photovoltaic, and thermal solar would be included in the upcoming electrification impact analysis and report.

## **Items from Commissioners and General Manager**

Commissioner Brown said that recently, the smart meter installation group from EWEB was doing work in his neighborhood, and they did a very good job. On the topic of the most recent ratepayer survey, he noticed that Cost Containment, although it's of the highest priority, had the lowest level of public satisfaction; he posited that efforts to reach the public should be intensified.

Commissioner Brown mentioned the old Hynix building on the west side of the city, and said it was going up for sale, with a minimum bid of \$1.1 million. He offered the property would make an excellent energy research facility.

Commissioner Carlson announced she had recently attended the following: the 350 Eugene carbon reduction meeting, the Blacks in Government dinner, the NAACP dinner, and the Lane Council of Governments (LCOG) dinner.

Commissioner Helgeson said in a recent trip to Salem, he discussed the four bills brought up by Mr. Heuser at a previous EWEB Board meeting, which are of interest to the utility. He agreed with Commissioner Brown about the recent customer survey.

## **Approval of Consent Calendar**

### **MINUTES**

#### **1. February 4, 2020 Regular Session**

### **CONTRACTS**

- 2. Anixter, Inc.** - for 3-phase pad-mounted voltage regulators. \$290,000.
- 3. CH2M Hill Engineers, Inc. dba Jacobs** - for Task Order D-2, engineering services for the Carmen-Smith downstream fish passage facilities at Trail Bridge Powerhouse. \$1,455,325 (Resulting cumulative Task Order total \$3,393,462).

### **INTERGOVERNMENTAL AGREEMENTS**

- 4. U.S. Department of Interior, U.S. Geological Survey (USGS)** - for monitoring and consulting services for source water protection. \$175,000.

### **RESOLUTIONS**

- 5. Res. No. 2012** - Amendments to Water Bond Master Resolution

***Commissioner Brown moved to approve the Consent Calendar. The motion passed unanimously 4:0 President Mital had not yet arrived for this vote***

## **Items removed from the Consent Calendar**

None

### **Amendment to Goal #6, Electricity Supply Planning**

President Mital entered the meeting at 6:13 p.m.

Mr. Lawson offered the Board a report on the proposed amendment to the utility's electricity supply planning goal.

***Commissioner Helgeson moved to modify EWEB's 2020 Organizational Goal #6 to focus on an electrical impact analysis and report as proposed. The motion passed unanimously 5:0.***

### **Break**

President Mital called for a break at 6:27 p.m. The meeting resumed at 6:38 p.m.

### **Annual Drinking Water Source Protection Update & State of the McKenzie Watershed Report**

Mr. Morgenstern and Mr. Price offered the Board an update and PowerPoint presentation on drinking water source protection, and a report on the state of the McKenzie watershed.

Commissioner Brown asked if EWEB was currently monitoring Keizer Slough.

Mr. Morgenstern said that although the monitoring has not officially begun yet, all the equipment for the monitoring had been procured.

Commissioner Brown wondered why the Oregon Department of Fish & Wildlife (ODFW) killed EWEB's proposed 52<sup>nd</sup> Street stormwater project.

Mr. Morgenstern answered it was because ODFW was requiring fish passage and a constructed wetlands before they would sign off on the stormwater project.

Commissioner Brown asked if staff was planning on doing a repeat of an earlier pollution study of the McKenzie River.

Mr. Morgenstern said that study helped EWEB justify their septic assistance program, and since that program launched successfully, there was no plans currently to revisit that study.

President Mital asked if EWEB had any legal recourse to fight ODFW's decision about EWEB's 52<sup>nd</sup> Street stormwater project.

Mr. Morgenstern offered EWEB staff was pushing to bring this issue before the ODFW Board in order to get a fish waiver for the project, but staff was reluctant to sink a lot of resources into a legal fight with ODFW at this time.

President Mital asked what exactly the utility could do with the advanced warning system in place to detect pollution near the water treatment plant.

Mr. Morgenstern replied the personnel at the water treatment plant had plenty of advanced notice of inbound pollution, and they had more time to mitigate it, whereas before the early warning system, the operators would just have to deal with the pollution when it was already at the treatment plant. He said the warning system triggered EWEB to do additional monitoring, to ensure an even higher quality product.

Commissioner Carlson suggested EWEB could reach out to State legislators concerning the 52<sup>nd</sup> Street stormwater project.

Commissioner Brown asked—in the event of the Cascadia subduction zone earthquake—how EWEB would deal with all the effluent stored in ponds on the International Paper property, just upriver from EWEB's intakes, spilling in the river.

Mr. Morgenstern said that they would let it flow by the intake until its diluted enough that EWEB could treat it.

President Mital said, in the future, he would like to see information pertaining to how much EWEB should be investing in technical engineering solutions at the treatment plant itself.

Mr. Lawson offered the Source Protection Group under Mr. Morgenstern's leadership, is part of a larger, overarching water quality group that monitors water from source to tap.

#### **Quarterly Strategic & Operational Report for Q4 2019**

Mr. Lawson offered the Board a strategic and operational report and PowerPoint presentation for Q4 2019.

Commissioner Carlson wondered what she could do as an EWEB Commissioner to communicate more effectively with ratepayers as to EWEB's work and programs. She cited a recent community survey in which many respondents left phone numbers, and she wondered if there was a plan to reach out to those people via their phone numbers.

Mr. Lawson said that he would check on that, and report back to the Board.

Commissioner Helgeson asked how EWEB was going to use the technology (e.g. smart meters) they were currently putting in place.

Mr. Lawson responded that he would look into it, and divulge all pertinent information to Commissioners as soon as possible.

President Mital wondered about the processes by which EWEB's operational goals were selected.

Mr. Lawson said the Board approved the operational goals suggested by EWEB staff in the first part of 2019.

President Mital asked how often Mr. Lawson and his leadership team visit these operational goals throughout the year.

Mr. Lawson replied they routinely look at the goals, and share quarterly reports with the Board in which the goals are broken down to how the utility is approaching them.

### **Potential Presentation to City Council**

Mr. Lawson asked if the Board should formally reach out to the Eugene City Council (ECC), and if so, in what way(s) should the outreach happen.

Vice President Schlossberg wondered if an orientation about EWEB in general might be in order, to help City Councilors understand the material, and to help them formulate relevant questions.

Commissioner Brown suggested EWEB try to get on some ECC Work Session agendas, at least quarterly, to ensure they are able to address the Council directly, and address their questions in a manner that cannot be done in the regular public comment format that ECC has adopted.

President Mital said he was in favor of sharing EWEB's State of the Utility address with ECC.

Commissioner Helgeson said an open dialogue with ECC was worthy of Board interest, but he would like to think about the relationship between EWEB and the ECC, and how to approach that relationship.

### **Correspondence & Board Agendas**

Mr. Lawson offered the Board a report on correspondence and Board agendas.

Commissioner Carlson said she saw mention of an upriver meeting on April 23, but she had not heard anything else confirming this.

Mr. Lawson said that must have been a typo, the upriver meeting was in May 2020.

Commissioner Carlson said she noticed the November Board meeting was scheduled for Election Night, and she wondered if that meeting might be moved to the following Tuesday.

President Mital agreed with moving the meeting. He suggested everyone look at a calendar to see if moving the November meeting to the third Tuesday of the month would work; he said the Board could discuss this at the April meeting.

Mr. Lawson said he agreed with the sentiment, and he would check to see if there would need to be a change in Board policy to move the meeting from the first Tuesday of the month.

Commissioner Carlson posited it would be useful to have a joint meeting with Springfield Utility Board (SUB) in the near future.

Mr. Lawson said he was planning on sending Board members an off-cycle letter with the status of opportunities to meet/work with SUB.

### **Board Wrap Up**

Commissioner Brown announced he and Mr. Lawson had a meeting scheduled with the SUB Board President on April 1, 2020.

Commissioner Carlson reported she had attended an LCOG meeting a few nights ago at which the Fleet and Purchasing Departments of EWEB received kudos for working with other entities in the region to bring the cost of fuel down.

Commissioner Carlson offered that she was starting to receive questions from her constituency about what EWEB was doing to prepare for the impacts of the coronavirus on the utility and the community.

Mr. Lawson said that EWEB did have a pandemic plan, and EWEB staff was upgrading said plan to be better equipped for the effects of the coronavirus.

Ms. Kostopulos said that earlier that day, staff had a call with Lane County's Incident Command System (ICS), and EWEB would continue working with their local partners to be better prepared. She said there was a Leader's Group starting up within EWEB that would begin meeting on Thursday, March 5 to discuss the triggers that would cause the utility to go into different levels of emergency response.

Commissioner Carlson asked if any of the supplies the utility relied on for normal operations were at risk.

Ms. Kostopulos said yes, but EWEB had procured a lot of supplies recently; she added the most concern at this time was being afforded to disinfectant. Finally, Ms. Kostopulos said staff would have a script for the Board President to read from at the open of the April meeting, reminding those present about best practices surrounding preventative measures.

Commissioner Brown asked if there had been extra cleaning measures taken in the customer service lobby.

Ms. Kostopulos said not at this time, but that was definitely on the aforementioned Leader's Group list.

Commissioner Helgeson offered that he had some possible scheduling conflicts coming up in April and May, and that he would discuss these further with the Board President and Vice President.

Vice President Schlossberg announced that the EWEB representative's next meeting with representatives from the ECC was coming up the day of EWEB's next scheduled Board meeting.

**Adjourn**

President Mital adjourned the Regular Session at 8:05 p.m.

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Assistant Secretary

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President



## EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a contract with **Basler Electric** for purchase of two exciter systems.

Board Meeting Date: April 7, 2020

Project Name/Contract #: Carmen Replacement of Basler Static Excitation Systems

Primary Contact: Rod Price Ext. 7122

### Contract Amount:

Original Contract Amount: \$350,000

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 0 %

Amount this Request: \$350,000

**Resulting Cumulative Total:** \$350,000

### Contracting Method:

Method of Solicitation: Direct Negotiation

If applicable, basis for exemption: Exemption – Sole Source

Term of Agreement: April 2020 to October 2021

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; Sole Source

### Narrative:

#### Operational Requirement and Alignment with Strategic Plan

In power generation, the excitation system, also referred to as the exciter, controls the terminal voltage of a generator. The exciter is a critical piece of equipment for the control and operation of a generator.

The existing Carmen exciters were installed in 1991 and are nearing the end of their operational life. The Unit 2 exciter exhibited an intermittent failure on January 28<sup>th</sup> 2020. Since this intermittent failure is symptomatic of a developing complete failure, it is recommended that the exciters be replaced as soon as possible while taking advantage of the already planned turbine/generator unit overhaul outages. The exciter replacements are currently budgeted in the CIP for 2022, but this work should be accelerated to help mitigate the risk of a complete exciter failure, which could lead to an unplanned extended outage. Replacement of the exciters will result in improved reliability of the Carmen turbine/generator units.

#### Contracted Goods or Services

Basler Electric is being contracted to provide complete digital exciter systems for both Carmen Unit 1 and Unit 2. Each exciter consists of the following equipment; excitation control cabinet, DECS-400 digital controller, SSE-N rectifier bridge, and power potential transformer. The procurement also includes spare parts, software, factory acceptance testing, and delivery to site. If approved, the Unit 2 exciter will be procured in 2020 and the Unit 1 exciter will be procured in 2021.

#### Prior Contract Activities

PO 12209	\$9,480	1-18-18	Troubleshooting support for exciter
PO 9187	\$14,100	3-14-17	Commission support for exciter
PO 9038	\$31,718	1-11-17	Exciter upgrade kit installation

Purchasing Process

Not applicable; Direct negotiation

Competitive Fair Price (If less than 3 responses received)

The price of one new digital static excitation system can range between \$150,000 and \$200,000. Pricing varies between manufactures and is dependent on system complexity and equipment options.

**ACTION REQUESTED:**

Management requests the Board approve a contract with Basler Electric for the purchase of two exciter systems. Funds for the purchase were budgeted in the Carmen-Smith Capital Improvement Plan. The total Carmen-Smith Relicensing Type 3 budget for 2020 is \$19.41 million, included in the total Electric Division budget of \$48.4 million. Variances will be managed within the budget process and Board policy.

## **EWEB Board Consent Calendar Request**

*For Contract Awards, Renewals, and Increases*

The Board is being asked to approve a contract amendment with **Black & Veatch** for engineering services.

Board Meeting Date: April 7, 2020

Project Name/Contract #: Carmen Power Plant Upgrades

Primary Contact: Rod Price Ext. 7122

### **Contract Amount:**

Original Contract Amount: \$6,000,000

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0 through February 2020

Percentage over last approval: 0%

Amount this Request: \$2,000,000

**Resulting Cumulative Total:** \$8,000,000

### **Contracting Method:**

Method of Solicitation: Formal Request for Proposal

If applicable, basis for exemption: N/A

Term of Agreement: November 13, 2015 to November 13, 2025

Option to Renew? Yes, yearly renewals

Approval for purchases "*as needed*" for the life of the Contract Yes  No

Proposals/Bids Received (Range): 7, cost unavailable, qualifications only

Selection Basis: Qualifications Based Selection (QBS)

Narrative:

#### Operational Requirement and Alignment with Strategic Plan

Under this existing contract, Black & Veatch (B&V) is providing engineering services that are facilitating EWEB's efforts to renew the critical systems required for power generation at the Carmen-Smith Project. These improvements will modernize the plant to provide reliable power production at Carmen-Smith for the term of the new FERC license.

Most of B&V's major engineering design support services were anticipated at the time of original contracting and included in the baseline scope, thus forming the basis for the original contract amount of \$6,000,000. Other engineering services were added to the baseline scope of services (TSV installation design, tunnel repair designs, Smith intake gate refurbishment) when opportunities arose to efficiently and cost-effectively involve B&V in additional design efforts. In the time since the Board approved this contract in November 2015, B&V has completed substantial work including:

- Carmen Plant Inspections, Evaluations, and Planning
- Turbine Shutoff Valve (TSV) Installation Design
- Switchgear, Relays, and Control Systems Procurement
- Substation and Carmen Plant Electrical Detailed Design and Construction Support
- Power Tunnel and Diversion Tunnel Repair Design and Construction Support
- Smith Intake Gate Refurbishment Engineering Support
- Turbine Generator Design and Procurement Engineering Support

The requested contract amendment will enable B&V to continue to support EWEB's renewal of critical power generation systems at Carmen-Smith including construction period services for the turbine-generator overhauls at the Carmen Plant and additional scope covering life-extension improvements at the Trail Bridge Plant. With issuance of the new FERC license in May 2019, opportunities have arisen to involve B&V in the planning and design of reliability improvements at the Trail Bridge Plant. Although the Trail Bridge Plant will cease continuous

operation upon completion of the fish passage improvements, the power plant will still need to operate intermittently as a reliable low level outlet. These intermittent operations will occur when the spillway is taken out of service for inspection and maintenance of the fish passage systems. EWEB anticipates that the Trail Bridge Plant will operate approximately four times per year for short periods throughout the duration of the new FERC license. These periodic operations will also demonstrate that the plant is poised to operate reliably in the event of an emergent dam safety issue requiring use of the low level outlet.

The anticipated scope of services from B&V with this amendment include:

- Construction period engineering support for the Carmen Unit No. 2 overhaul work in 2020
- Construction period engineering support for the Carmen Unit No. 1 overhaul work in 2021
- Planning, design, and construction period engineering support for the Trail Bridge Power Plant reliability improvements

Following B&V's recent successful design of upgrades to the Carmen Plant, their engineering team is well positioned to efficiently support EWEB in the design of these reliability improvements at the Trail Bridge Plant.

#### Contracted Goods or Services

The consulting services facilitated by this contract amendment will include engineering design as well as construction period services.

B&V's recent and ongoing work has demonstrated reliable adherence to EWEB's budget and schedule requirements. Their engineering team is delivering high quality products that are consistently meeting EWEB's expectations.

#### Purchasing Process

Not applicable; Contract amendment

#### Competitive Fair Price (If less than 3 responses received)

Not applicable; Contract amendment

#### **ACTION REQUESTED:**

Management requests the Board approve an amendment to an existing contract with Black & Veatch for engineering and related services. Funding for these services has been budgeted in the Carmen-Smith Capital Improvement Plan. The total Carmen-Smith Relicensing Type 3 budget for 2020 is \$19.41 million, included in the total Electric Division budget of \$48.4 million. Variances will be managed within the budget process and Board policy.



# MEMORANDUM

EUGENE WATER & ELECTRIC BOARD

*Rely on us.*

TO: Commissioners Mital, Schlossberg, Helgeson, Brown and Carlson  
FROM: Travis Knabe, Information Services Manager; and Rod Price, Interim Chief  
Information Officer; and Sarah Gorsegner, Purchasing Supervisor  
DATE: March 27, 2020  
SUBJECT: Core Technology Products Procurement through Cooperative Contracts  
OBJECTIVE: Approval of Board Consent

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## **Issue**

EWEB requires hardware and software purchases to replace and maintain its applications, hardware, and data. Purchases include, but are not limited to, applications, servers, switches, routers, firewalls, storage systems, and security appliances. This equipment and software support the core infrastructure of all of EWEB's customer service and operations network systems.

## **Background**

Many of EWEB's existing systems are at the end of their useful life, which for technology systems is in the 5-7 year range. In addition, our current capital planning includes upgrades and replacements for a number of systems that will be at end of life during the next 5 years. EWEB's prior system purchases include Cisco, F5 Network, Palo Alto, and NetApp equipment and solutions and included system design and maintenance support. The replacement, integration and support services that are compatible with existing network systems is desired to reduce costs and to simplify operations and maintenance.

## **Discussion**

When strategizing for the procurement for replacement and support of these systems, purchases could be completed by:

- Competitive process that could lead to stand alone systems or significant overhaul of systems including additional integrations, spare parts, training, and implementation,
- a Sole Source determination to allow purchases from a specific manufacturer when EWEB has standardized on a solution, or
- Procured through cooperative contracts, allowing flexibility to procure a variety of options that best meet EWEB requirements at competitive rates.

This backgrounder focused on the cooperative contracts option, which will yield lower pricing and include integration and maintenance support for the majority of our network systems. The following contracts have been competitively solicited, awarded, and are managed through national or state cooperative contract organizations:

- National Association of State Procurement Officials (NASPO) AR233: Cisco purchases
- NASPO AR233: F5 Networks purchases
- NASPO AR626: Palo Alto purchases
- NASPO MNWNC-12: NetApp purchases
- State of Oregon PA-5603: with CDW-G for purchase of hardware from multiple manufacturers
- Omnia Partners 2018011-01: with CDW-G for purchases from multiple manufacturers
- Sourcewell 081419-CDW-G: with CDW-G for purchases from multiple manufacturers

The first 4 contracts are with providers of hardware, software, and support services. The fulfillment of the services are provided through a Value Added Reseller (VAR). EWEB has consulted with product providers to help determine the VARs with the expertise and familiarity with systems similar to EWEB. After evaluating multiple VARs, CVE Technologies and Presidio have been identified as two Valued Added Resellers (VARs) in Oregon who can best provide the technical guidance and support across EWEB’s technology landscape. The VARs selected may change based on the technical requirements, assigned resources, and added value offered to EWEB.

The contracts available through CDW-G allow EWEB to purchase a variety of solutions and hardware from multiple manufacturers. They offer access to a variety of solutions at competitive rates. Their business model offers access to a variety of solutions including Commercial-off-The-Shelf (COTS) to fully customizable solutions, including help with deployment and ongoing management. EWEB has a wide variety of technological solutions, some solutions require very specific functionality based on business processes. This reseller allows access to a variety of solutions that are otherwise challenging to be procured under competitive processes. Board approval with this consent item will allow Staff to work with the VARs to procure equipment in an ongoing basis, with any large purchase items brought to Board for approval in the normal process.

Significant solutions such as EWEB’s customer information system, asset management, and financial systems, where there are many solutions available, will continue to be procured through traditional approaches.

The expected spend includes capital investments for replacement and enhancement to the core infrastructure, as well as O&M to maintain support of existing investments. Funds for the purchases are in the 10-year capital plan and the 2020 O&M budget, and plan to be budgeted annually through the five year term.

Below are details of the expected spend based on previous historical experience for the planned replacements and Support and Maintenance over the 2020-2024 year period.

**Expected 5-Year Expenses**

**Replacements**

Corporate and EMCS Firewalls	\$800,000
Virtual Server Clusters	\$750,000
SAN ( Storage Systems )	\$700,000
Metro-E	\$3,000,000

Backup Infrastructure	\$300,000
Wireless	\$150,000
<b>Support and Maintenance</b>	
SmartNet ( Cisco Support and Maintenance )	\$2,500,000
NetApp Support	\$500,000
F5 Support	\$225,000
PA Support	\$160,000
VMWare Support	\$150,000
CommVault Support	\$125,000
<b>Business Continuity</b>	
Hayden Bridge Warm Site	\$4,000,000
<b>Total: \$13,360,000</b>	

Below are the amounts included in the first 5 years of the combined Water and Electric Capital Improvement Plan for IT/IS Capital Budgets (in million). Type 1 are projects under \$1 million and funded with rates, Type 2 are projects over \$1 million and can be funded with rates, customer contributions or bond funds. Support and Maintenance costs are budgeted in the Operations and Maintenance Budgets, which is \$2.7 million for 2020.

<b>Capital Improvement Plan Budgets</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
Type 1	\$1.8	\$1.6	\$1.0	\$1.5	\$1.0
Type 2	\$4.3	\$2.8	\$4.0	\$3.5	\$3.2
Combined 1 and 2	\$6.1	\$5.0	\$5.0	\$5.0	\$4.3

**Recommendation**

Management recommends approval of purchases from CVE Technologies, Presidio, and CDW-G through cooperative contracts to procure and license our core technology products for the next five years. Yearly spending can be monitored and controlled through the 10 year CIP and yearly budget approval process.

**Requested Board Action**

The Board is being asked to authorize the use of multiple cooperative contracts for the purchase of hardware, software, and support of EWEB’s core information technology systems.

## **EWEB Board Consent Calendar Request**

*For Contract Awards, Renewals, and Increases*

The Board is being asked to authorize the use of up to seven (7) cooperative contracts to purchase **hardware, software, and support** from **CVE Technologies, Presidio, and CDW-G**.

Board Meeting Date: April 7, 2020

Project Name/Contract#: Core Technology Products through Cooperative Agreements with  
Various Value Added Resellers (VARs)

Primary Contact: Travis Knabe Ext. 7770

Expected Spend: \$15,000,000 over 5 years

### **Narrative:**

EWEB requires hardware and software purchases to replace and maintain its applications, hardware, and data. Purchases include, but are not limited to, applications, servers, switches, routers, firewalls, storage systems, and security appliances. Many of our existing systems are at the end of their useful life, which for technology systems is in the 5-7 year range. EWEB systems include Cisco, F5 Network, Palo Alto, and NetApp equipment and solutions. The replacement of equipment that is compatible with existing systems is desired for leveraging existing resources. Significant solutions such as EWEB's customer information system, asset management, and financial systems, where there are many solutions available, will continue to be procured through traditional approaches.

The Board is being asked to authorize the use of multiple cooperative contracts for the purchase of hardware, software, and support of EWEB's core information technology systems. The following contracts have been competitively solicited, awarded, and are managed through national or state cooperative contract organizations:

- National Association of State Procurement Officials (NASPO) AR233: Cisco purchases
- NASPO AR233: F5 Networks purchases
- NASPO AR626: Palo Alto purchases
- NASPO MNWNC-12: NetApp purchases
- State of Oregon PA-5603: with CDW-G for purchase of hardware from multiple manufacturers
- Omnia Partners 2018011-01: with CDW-G for purchases from multiple manufacturers
- Sourcewell 081419-CDW-G: with CDW-G for purchases from multiple manufacturers

### **ACTION REQUESTED:**

Management requests the Board authorize the use of cooperative contracts for Cisco, NetApp, F5 Networks, and Palo Alto and services from **CVE Technologies, Presidio, and CDW-G** for five years. Approximately \$2.5 million was planned for these goods and services in the 2020 Information Services budgets. The 2020 O&M Budget for Information Services is \$11.1 million and the 2020 capital budget is \$6.1 million. Variances will be managed within the budget process and Board policy.



## **EWEB Board Consent Calendar Request**

*For Contract Awards, Renewals, and Increases*

The Board is being asked to approve a contract with **Kleinschmidt Associates** for engineering related services for the Leaburg Siphon Alternatives Analysis.

Board Meeting Date: April 7, 2020

Project Name/Contract #: Leaburg Siphon Alternatives Analysis / #20-003-Q

Primary Contact: Rod Price Ext. 7122

### **Contract Amount:**

Original Contract Amount: \$216,000

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 0 %

Amount this Request: \$216,000

**Resulting Cumulative Total:** \$216,000

### **Contracting Method:**

Method of Solicitation: Informal RFP process

If applicable, basis for exemption: N/A

Term of Agreement: April 9, 2020 – September 30, 2021

Option to Renew? Yes

Approval for purchases "as needed" for the life of the Contract Yes  No

Proposals/Bids Received (Range): 2 / (QBS process, pricing not requested during a second phase of selection)

Selection Basis: Qualifications Based Selection (QBS)

### **Narrative:**

#### Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve a new Personal Services Agreement with Kleinschmidt Associates of Portland, OR for the purchase of engineering and related services for an alternatives analysis and design of siphons to be installed in the forebay and at the head gate of the Leaburg Canal. The alternatives analysis will provide the basis for a design selection leading to the construction of siphons at these locations. The installation of these siphons is intended to support EWEB's agreements to provide water to irrigators in the dry season and to maintain the water level in the Leaburg Canal as low as possible during the rainy season at the request of the Federal Energy Regulatory Commission's Portland Regional Office (FERC-PRO). The head gate siphons would also benefit operations at the McKenzie Hatchery.

#### Contracted Goods or Services

The consulting services provided as part of this contract will include engineering services for the alternatives analysis and subsequent design of the preferred alternative, as well as bid and construction period services. The siphon system design report and associated supporting design documents will be provided to EWEB for our use in submittals for FERC review and solicitation of construction services.

#### Prior Contract Activities

Carmen-Smith Settlement Agreement Consulting	\$30,000	Year 2017
Micro Hydro Feasibility Study	\$35,000	Year 2017
Trash Rack Cleaner Feasibility Study	\$17,000	Year 2018
Inspection of Diversion Tunnel at Carmen	\$17,000	Year 2018
Carmen Diversion Dam Breach Modeling	\$49,000	Year 2018
Leaburg Canal HEC RAS Modeling	\$63,000	Year 2019

On these past projects, Kleinschmidt has demonstrated reliable adherence to budget and schedule requirements and delivered high quality products that have met the expectations of EWEB and our FERC dam safety regulators.

Purchasing Process

In January 2020, in accordance with public contracting rules, EWEB issued an informal Request for Proposals (RFP) directly to six engineering firms using the Qualifications Based Selection (QBS) process for engineering services. Criteria scored included Corporate Project Experience (17 points), Project Approach (25 points), Project Team Qualifications (35 points), and Project Management Strategy (8 points), Pricing may be evaluated after the first step in the evaluation with a maximum of 15 points. After evaluation and scoring step one, Kleinschmidt was selected as the most qualified consultant, consistent with the evaluation criteria. Kleinschmidt’s response was clear and detailed, reassuring EWEB that the final deliverable will provide a thorough basis for design and construction. Members of the proposed team provide an above-average mix of skillsets for quickly resolving the potential complexities of the project; the project team includes known experts, with solid track records working on EWEB projects.

Vendor Name	City, State	Offered Price	Ranking (for Request For Proposals)
Kleinschmidt Associates	Portland, OR	\$216,000	1
Mead & Hunt	Sacramento, Ca	N/A	2

Competitive Fair Price (If less than 3 responses received)

Not Applicable to the Qualification Based Selection process.

**ACTION REQUESTED:**

Management requests the Board approve a new contract with Kleinschmidt Associates for engineering related services for the Leaburg Siphon Alternatives Analysis. Approximately \$250,000 is planned for this work in 2020. The budget for Energy O&M activities in 2020 is \$19.3 million. Variances will be managed within the budget process and Board policy.

## **EWEB Board Consent Calendar Request**

*For Contract Awards, Renewals, and Increases*

The Board is being asked to approve a new contract with **Lucan Landscaping Inc.** for Field Mowing Services.

Board Meeting Date: 4/7/20  
Project Name/Contract #: RFP 20-013-S Field Mowing Services  
Primary Contact: Rod Price Ext. 7122

### **Contract Amount:**

Original Contract Amount: \$470,000 (estimated over 5 year period)  
Additional \$ Previously Approved: \$N/A  
Invoices over last approval: \$N/A  
Percentage over last approval: N/A  
Amount this Request: \$470,000 (estimated over 5 year period)  
**Resulting Cumulative Total: \$470,000 (estimated over 5 year period)**

### **Contracting Method:**

Method of Solicitation: Formal RFP  
If applicable, basis for exemption: N/A  
Term of Agreement: **1 year, with option to renew up to 5 years**  
Option to Renew? Annually up to five years  
Approval for purchases *"as needed"* for the life of the Contract Yes  No   
Proposals/Bids Received: 3  
Selection Basis: Highest Ranked Responsive and Responsible Proposer

### **Narrative:**

#### Operational Requirement and Alignment with Strategic Plan

EWEB Right-of-Way (ROW) and property field mowing is a requirement for compliance with fire code regulations, as well as an important aesthetic component of property management throughout EWEB's service territory.

#### Contracted Goods or Services

Field Mowing services on EWEB properties, including ROW sites in Eugene/Springfield. Services includes tractor mowing and string trimming on an ongoing seasonal basis.

#### Prior Contract Activities

EWEB currently contracts with Lucan Landscaping Inc. for Field Mowing Services at Hayden Bridge under EWEB Contract 19-110-S and has provided these services since 2019.

#### Purchasing Process

In February 2020, EWEB issued a formal Request for Proposals (RFP 20-013-S) for field mowing services for EWEB's Right-of-Way sites and other properties in Eugene/Springfield. This solicitation was advertised on ORPIN.

Three proposals were received and only one proposal was deemed responsive and responsible. One proposer did not submit the required paperwork, and the other did not meet the minimum requirements for active licensure. Criteria and weighting included: experience and capabilities (50%); equipment (20%); and pricing (30%). Lucan Landscaping Inc. was selected as the highest ranked, responsive, and responsible proposer.

Vendor Name	City, State	Offered Price	Ranking (for Request For Proposals)
Lucan Landscaping Inc.	Eugene, OR	\$94,000 annually	1
ValleyScapes	Gresham, OR	\$157,500 annually	N/A
Owen Tractor & Fencing	Elmira, OR	\$147,500 annually	N/A

Competitive Fair Price (If less than 3 responses received)

N/A

**ACTION REQUESTED:**

Management requests the Board approve a new contract with Lucan Landscaping Inc. for Field Mowing Services. Approximately \$100,000 was planned for these services in the 2020 Electric O&M non-labor budget of \$133.4 million. Variances will be managed within the budget process and Board policy.



# MEMORANDUM

EUGENE WATER & ELECTRIC BOARD

*Rely on us.*

TO: Commissioners Mital, Schlossberg, Helgeson, Brown and Carlson  
FROM: Rodney Price, Chief Operations Officer, Julie Nuttal, Meter and Vegetation  
Management Supervisor  
DATE: 4/7/2020  
SUBJECT: Background Information for Vegetation Services Contract Approval  
OBJECTIVE: Approval of Board Consent

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## **Issue**

This memo provides an overview of EWEB's tree program as it pertains to the utilization of a contract workforce and specific information regarding the results of the recent solicitation for tree pruning and removal services.

## **Background**

For the past several years, EWEB has relied on contractors to accomplish tree pruning and removal work in the electric rights of way. The current five-year contract for these services extension is due to expire May 1<sup>st</sup>, 2020. In February, staff issued a formal request for proposal invitation to bid to establish a new five-year agreement for these services.

## **Discussion**

The PUC requires EWEB to perform line clearance activities on the vegetation around its distribution and transmission lines. In September 2006 they passed OAR 860-024-0016, which regulates minimum clearances that electric service providers can allow vegetation to encroach on power lines of all voltages.

Maintaining vegetation in the rights of way is also an important component of safety and reliability of service. Trees can be a significant source of service interruption and a potential public safety threat if not adequately maintained in the vicinity of high voltage lines. EWEB has 1,400 miles of transmission and distribution circuits, with approximately 52,000 trees and 10,000 units of brush that will require maintenance per our five year cycle program. An additional 250 miles per year are being inspected and trimmed as part of our updated wildfire plan.

EWEB requires the services of a qualified utility line clearance tree pruning and removal contractor

to maintain the areas around the lines and to assist with capital work. Wright Tree Service was our sole service provider for the previous contract. To help expand our operational flexibility, spread out work more locally and reduce reliance on a single contractor, we advertised to award to multiple contractors. Wright Tree Service and West Lane Tree Service were selected as the top two qualified contractors for our next five year agreements.

An estimated \$20 million over the five year period from 2020 to 2024 is needed to accomplish the work described above based on the rates provided by Wright Tree Service and West Lane Tree Service. \$2.7 million for these services is budgeted for 2020. Additional services for wildfire management and price escalations are accounted for in the 5 year sending approval amount.

### **Requested Board Action**

The Board is being asked to approve a new contract with Wright Tree Service and West Lane Tree Service for Utility Line Clearance, Tree Pruning and Removal Services.

## **EWEB Board Consent Calendar Request**

*For Contract Awards, Renewals, and Increases*

The Board is being asked to approve two new contracts with **West Lane Tree Service, LLC and Wright Tree Service, Inc.** for Utility Line Clearance services.

Board Meeting Date: 4/4/20  
Project Name/Contract #: RFP 19-158-S Utility Line Clearance Services  
Primary Contact: Rod Price Ext. 7122

### **Contract Amount:**

Original Contract Amount: \$20,000,000 (estimated over 5 year period)  
Additional \$ Previously Approved: \$N/A  
Invoices over last approval: \$N/A  
Percentage over last approval: N/A  
Amount this Request: \$20,000,000 (estimated over 5 year period)  
**Resulting Cumulative Total: \$20,000,000 (estimated over 5 year period)**

### **Contracting Method:**

Method of Solicitation: Formal RFP  
If applicable, basis for exemption: N/A  
Term of Agreement: **1 year, with option to renew up to 5 years**  
Option to Renew? Annually up to five years  
Approval for purchases "as needed" for the life of the Contract Yes  No   
Proposals/Bids Received: 4 for 3-crew Scope of Work (SOW), 3 for 8-crew SOW  
Selection Basis: Multiple Awards to Highest Ranked Proposers

### **Narrative:**

#### Operational Requirement and Alignment with Strategic Plan

The PUC requires EWEB to perform utility line tree trimming to maintain clearance around its distribution and transmission lines. This is also an important component of safety and reliability of service. Electric Operations requires the services of a qualified utility line clearance, tree pruning, and vegetation debris removal contractor to maintain the areas around energized power lines.

#### Contracted Goods or Services

Utility line clearance services include: tree pruning, removal, and stump grinding along EWEB transmission and distribution power lines on an ongoing regular basis. The PUC requires EWEB to perform line clearance activities on the vegetation around its distribution and transmission lines. In September 2006, they passed OAR 860-024-0016, which regulates minimum clearances that electric service providers call allow vegetation to encroach on the power lines of all voltages. EWEB plans to maintain the current five year plan and then return for a mid-cycle audit every 2 ½ years to address any fast growing vegetation. We recently have added an additional fire season plan with additional 260 line miles that we inspect to our current plan of 190 line miles.

#### Prior Contract Activities

EWEB currently contracts with Wright Tree Service for Utility Line Clearance Services under EWEB Contract 050-2014 and has provided these services since 2009. The spend under the previous contract with Wright Tree Service was roughly \$15.2 million over five years. The contractor has been responsive to all needs and completed work on time. Wright Tree Service has done an outstanding job partnering with the vegetation department on building trust and confidence in their daily work with our customers. Wright has a quick timely response and worked closely with EWEB during our recent storms. Wright maintains up to date on ANSI standard practices and trainings to ensure their employees are staying up to date on safe practices.

Purchasing Process

In January 2020, EWEB issued a formal Request for Proposal (RFP 19-158-S) for utility line clearance services with the option to propose on two separate Scopes of Work: Three-crew, and Eight-crew. This process allowed for the potential for higher competition based on contractor resources and multiple awards. This solicitation was advertised on the Oregon Procurement Information Network (ORPIN) and in the Business Tribune.

Four proposals were evaluated and scored for the 3-crew SOW. Criteria and weighting included: ability and capability to perform the services (15%); proposer’s past experience (25%); proposer’s supervisor & assistant supervisor’s past experience (10%); quality assurance/safety (10%); equipment (10%); pricing (25%); and sustainability (5%). West Lane Tree Service, LLC was selected as the highest ranked, responsive, and responsible proposer.

Vendor Name	City, State	Offered Price	Ranking (for Request For Proposals)
West Lane Tree Service LLC	Elmira, OR	\$1.8 million annually	1
Wright Tree Service, Inc.	Des Moines, IA	\$1.4 million annually	2
Trees LLC	Houston, TX	\$1.3 million annually	3
Asplundh	Sherwood, OR	\$1.7 million annually	4

Three proposals were evaluated and scored for the 8-crew SOW. Criteria and weighting included: ability and capability to perform the services (15%); proposer’s past experience (25%); proposer’s supervisor & assistant supervisor’s past experience (10%); quality assurance/safety (10%); equipment (10%); pricing (25%); and sustainability (5%). Wright Tree Service, Inc. was selected as the highest ranked, responsive, and responsible proposer.

Vendor Name	City, State	Offered Price	Ranking (for Request For Proposals)
Wright Tree Service, Inc.	Des Moines, IA	\$2.8 million annually	1
Trees LLC	Houston, TX	\$2.7 million annually	2
Asplundh	Sherwood, OR	\$3.2 million annually	3

Competitive Fair Price (If less than 3 responses received)

N/A

**ACTION REQUESTED:**

Management requests the Board approve new contracts with West Lane Tree Service, LLC and Wright Tree Service, Inc. for Utility Line Clearance Services. Approximately \$20 million was planned for these services in the Electric O&M 2020-2024 non-labor budget of \$133.4 million. Variances will be managed within the budget process and Board policy.



## **EWEB Board Consent Calendar Request**

*For Contract Awards, Renewals, and Increases*

The Board is being asked to approve expenditures covering a five-year period through an existing Intergovernmental Agreement with **City of Eugene** for valve box adjustments.

Board Meeting Date: April 7, 2020

Project Name/Contract #: City of Eugene Valve Box Adjustments/ IGA #13848

Primary Contact: Rod Price Ext. 7122

### **Contract Amount:**

Original Contract Amount: \$300,000

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 0%

Amount this Request: \$300,000

**Resulting Cumulative Total:** \$300,000

### **Contracting Method:**

Method of Solicitation: Direct Negotiation

If applicable, basis for exemption: Exemption – Intergovernmental Agreement

Term of Agreement: May 29, 2012 until terminated with 30 days' notice by either party

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: N/A Direct Negotiation

Narrative:

#### Operational Requirement and Alignment with Strategic Plan

There is a need for EWEB valve boxes in asphalt/concrete roadways to be lowered during City of Eugene pavement restoration projects. The valve boxes also need to be raised back to final grade after the paving has been performed.

#### Contracted Goods or Services

This IGA covers the cost of EWEB valve box adjustments that are in the City's paving project. The City will request a bid item from their contractor to lower and bring back to grade valve boxes that fall in their project's scope of work. The bid cost is approved by EWEB before the contractor can move forward with the work.

#### Prior Contract Activities

The total amount spent on IGA 13848 from 2015 to 2020 is \$255k.

#### Purchasing Process

Exemption – Intergovernmental Agreement

### **ACTION REQUESTED:**

Management requests the Board approve expenditures for an existing Intergovernmental Agreement (IGA) with City of Eugene for valve box adjustments. Approximately \$55,000 was planned for these goods or services in the Water Division 2020 budget of \$18,000,000. Variances will be managed within the budget process and Board policy.



# MEMORANDUM

EUGENE WATER & ELECTRIC BOARD

*Rely on us.*

TO: Commissioners Mital, Schlossberg, Helgeson, Brown and Carlson  
FROM: Deborah Hart, CFO and Aaron Balmer, General Accounting & Treasury  
Supervisor  
DATE: March 27, 2020  
SUBJECT: Resolutions for Financial Depositories, and Appointment of Treasurer and  
Assistant Treasurer  
OBJECTIVE: Board Action

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## **Issue**

The Treasurer, Susan Fahey, retired in December 2019. She maintained her role as Treasurer to facilitate and guide recent bond issuance activity on a contracted basis. Her retirement requires the Board appoint a new Treasurer and approve updated signatories for EWEB financial institutions.

## **Background**

All of EWEB's financial institutions require a listing of signatories authorized to conduct business on the account. Signatories are appointed by resolution of the Board of Commissioners and include the Treasurer and Assistant Treasurer. Deborah Hart was named the Assistant Treasurer in August 2019.

## **Discussion**

EWEB maintains depository accounts with financial institutions for operational purposes, for trust and custodial services, for escrow accounts, and for investments with local financial institutions.

For operational purposes, EWEB's primary financial institution is U.S. Bank, N.A., where accounts are maintained for deposits from customer payments, and for payment to employees and vendors. First Interstate Bank provides services for deposit and settlement of payments from customers who pay by check to EWEB's lockbox service. The Local Government Investment Pool, operated by the Oregon State Treasury, is used for short-term investment of cash generated by operations.

For payment of debt service, and the safekeeping of investment securities, EWEB has contracted with U.S. Bank Global Corporate Trust. EWEB transfers funds to accounts designated to pay debt service. When EWEB purchases investment securities, they are held in EWEB's name in a custodial account.

EWEB also maintains escrow accounts with U.S. Bank Global Corporate Trust and with Wells Fargo Corporate Trust Services. An escrow account to hold funds required by contracts relating to the founding of the Harvest Wind Project was established at Wells Fargo, then transitioned to US Bank when they became the EWEB trustee. A second account, relating to the provision of

transmission facilities for Harvest Wind by Klickitat County PUD was established at Wells Fargo. Since all parties to the Harvest Wind escrow account are required to agree to a transition of trustee, EWEB has been unable to move this legacy escrow account to U.S. Bank.

In 2016, EWEB conducted a Request for Information (RFI) of financial institutions headquartered in Oregon, with at least one office in EWEB service territory, to solicit interest in having EWEB as an investment customer. Based upon the results of the RFI, the Board of Commissioners approved adding nine local institutions as depositories for investments. EWEB then established investment accounts with Summit Bank and Oregon Community Credit Union. Several of the approved financial institutions have been acquired by companies headquartered outside of Oregon and EWEB does not maintain accounts with them. Accordingly, they are not included as depositories in Resolution No. 2015.

**Recommendation and Requested Board Action**

Management is requesting approval of Resolutions No. 2013, appointing the Treasurer and Assistant Treasurer, and Resolutions No. 2014, 2015 and 2016, authorizing EWEB signatories to accounts with financial institutions.

**RESOLUTION NO. 2013  
APRIL 2020**

**EUGENE WATER & ELECTRIC BOARD  
APPOINTMENT OF BOARD TREASURER AND ASSISTANT TREASURER**

**WHEREAS**, the Eugene Water & Electric Board (EWEB) BYLAWS Article V, Section 1 provides for the General Manager to designate an Assistant Secretary, Treasurer and Assistant Treasurer;

**WHEREAS**, the Treasurer position will be vacant effective April 7, 2020;

**WHEREAS**, Deborah Hart currently serves as Assistant Treasurer;

**NOW, THEREFORE, BE IT RESOLVED** that the Eugene Water & Electric Board hereby authorizes General Manager Frank Lawson to designate Deborah Hart as Treasurer and Aaron Balmer as Assistant Treasurer to the Board of Commissioners effective April 7, 2020.

Dated this 7<sup>th</sup> day of April 2020.

THE CITY OF EUGENE, OREGON  
Acting by and through the  
Eugene Water & Electric Board

\_\_\_\_\_  
President

I, ANNE M. KAH, the duly appointed, qualified, and acting Assistant Secretary of the Eugene Water & Electric Board, do hereby certify that the above is a true and exact copy of the Resolution adopted by the Board at its April 7, 2020 Board meeting.

\_\_\_\_\_  
Assistant Secretary

**RESOLUTION NO. 2014  
APRIL 2020**

**EUGENE WATER & ELECTRIC BOARD  
TRUST AND CUSTODIAL DEPOSITORIES**

**RESOLVED**, that the financial institutions below be, and hereby are, designated as banks of and depositories for funds of the Eugene Water & Electric Board of the City of Eugene, Oregon, which funds may be deposited or withdrawn on checks, drafts, receipts, or advices or debit given or signed in the Board's name by the manual and/or facsimile signature of any of the authorized signatories listed herein.

U.S. Bank Global Corporate Trust – Portland, Oregon

- Electric System Bond Funds and Custodial Account
- Water System Bond Funds and Custodial Account
- Klickitat County PUD Escrow Account

Wells Fargo Corporate Trust Services – Denver, Colorado

- Harvest Wind Escrow Account

**RESOLVED** further, that signatories for establishment of accounts therewith shall be as shown.

General Manager-Secretary	Frank J. Lawson	_____
Treasurer	Deborah Hart	_____
Assistant Treasurer	Aaron Balmer	_____

**RESOLVED** further, that the authority hereby conferred upon the above-named persons shall remain in full force and effect until written notice of revocation thereof has been delivered to said Bank, and all prior resolutions relative to the foregoing accounts and funds are hereby revoked.

Dated this 7th day of April, 2020.

THE CITY OF EUGENE, OREGON  
Acting by and through the  
Eugene Water & Electric Board

\_\_\_\_\_  
President

I, ANNE M. KAH, hereby certify that I am the duly appointed, qualified and acting Assistant Secretary of the Eugene Water & Electric Board, and that the above is a true and exact copy of a Resolution adopted by the Board at its April 7, 2020 Board meeting.

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Assistant Secretary

**RESOLUTION NO. 2015  
APRIL 2020**

**EUGENE WATER & ELECTRIC BOARD  
OREGON DEPOSITORY ACCOUNTS**

**RESOLVED**, that financial institutions listed below within, EUGENE, OREGON be, and hereby are, designated as financial depositories for funds of the Eugene Water & Electric Board of the City of Eugene, Oregon.

- EWEB EMPLOYEES FEDERAL CREDIT UNION – Eugene, Oregon
- NORTHWEST COMMUNITY CREDIT UNION - Eugene, Oregon
- ONPOINT COMMUNITY CREDIT UNION - Eugene, Oregon
- OREGON COMMUNITY CREDIT UNION - Eugene, Oregon
- OREGON PACIFIC BANK - Eugene, Oregon
- PACIFIC CASCADE FEDERAL CREDIT UNION - Eugene, Oregon
- SUMMIT BANK - Eugene, Oregon

**RESOLVED** further, that signatories for establishment of accounts therewith shall be as shown.

General Manager-Secretary	Frank J. Lawson	_____
Treasurer	Deborah Hart	_____
Assistant Treasurer	Aaron Balmer	_____

**RESOLVED** further, that the above named are hereby authorized to designate individuals authorized to give instructions concerning transfers of funds of the Eugene Water & Electric Board held by a financial institution as depository. Delegation of authority to designated individuals will be evidenced by financial institution documentation, as required.

**RESOLVED** further, that the authority hereby conferred upon the above-named persons shall remain in full force and effect until written notice of revocation thereof has been delivered to said financial institutions, and all prior resolutions relative to the foregoing accounts and funds are hereby revoked.

Dated this 7th day of April, 2020.

THE CITY OF EUGENE, OREGON  
Acting by and through the  
Eugene Water & Electric Board

\_\_\_\_\_  
President

I, ANNE M. KAH, hereby certify that I am the duly appointed, qualified and acting Assistant Secretary of the Eugene Water & Electric Board, and that the above is a true and exact copy of a Resolution adopted by the Board at its April 7, 2020 Board meeting.

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Assistant Secretary



**RESOLUTION NO. 2016  
APRIL 2020**

**EUGENE WATER & ELECTRIC BOARD  
OPERATIONAL DEPOSITORIES**

**RESOLVED**, that the financial institutions below be, and hereby are, designated as banks of and depositories for funds of the Eugene Water & Electric Board of the City of Eugene, Oregon, which funds may be deposited or withdrawn on checks, drafts, receipts, or advices or debit given or signed in the Board's name by the manual and/or facsimile signature of any of the authorized signatories listed herein.

U.S. Bank, N.A. – Portland, Oregon

First Interstate Bank – Billings, Montana

Local Government Investment Pool – Salem, Oregon

**RESOLVED** further, that signatories for establishment of accounts therewith shall be as shown.

General Manager-Secretary	Frank J. Lawson	_____
Treasurer	Deborah Hart	_____
Assistant Treasurer	Aaron Balmer	_____

**RESOLVED** further, that the authority hereby conferred upon the above-named persons shall remain in full force and effect until written notice of revocation thereof has been delivered to said Bank, and all prior resolutions relative to the foregoing accounts and funds are hereby revoked.

Dated this 7th day of April, 2020.

THE CITY OF EUGENE, OREGON  
Acting by and through the  
Eugene Water & Electric Board

\_\_\_\_\_  
President

I, ANNE M. KAH, hereby certify that I am the duly appointed, qualified and acting Assistant Secretary of the Eugene Water & Electric Board, and that the above is a true and exact copy of a Resolution adopted by the Board at its April 7, 2020 Board meeting.

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Assistant Secretary