

**EUGENE WATER & ELECTRIC BOARD**  
**WORK SESSION**  
**April 20, 2021**  
**6:00 P.M.**

**Commissioners Present:** Mindy Schlossberg, President; John Brown, Vice President; John Barofsky, Sonya Carlson, Matt McRae, Commissioners

**Others Present:** Frank Lawson, General Manager

President Schlossberg called the Work Session to order at 6:00 p.m.

**Agenda Check**

There were no changes or additions to the agenda.

**Carbon and the Energy Sector—Information**

Mr. Lawson offered the Board a report and PowerPoint presentation on carbon and the energy sector.

**Carbon and the Energy Sector—Discussion**

Referring to the U.S. Transmission Grid map, Commissioner Carlson wondered why Nevada was blank as far as transmission connecting it to other parts of the region, yet they probably have a broad ability for solar power generation.

Mr. Lawson returned that it could be that some of Nevada's power lines were lower voltage lines. He added more and more solar energy was being generated in Nevada, but the majority of it went to California.

Commissioner Carlson said she was hoping to get an update on solar pricing. She also inquired about other renewable energy sources, such as hydrogen batteries for energy storage, wave energy, and energy generated from the off-gassing of waste products; she wanted to know if any of those were available for EWEB to take advantage of regionally.

Mr. Lawson said that going forward EWEB will need a mix of resources with different characteristics. He felt the utility was in a very good position to take advantage of multiple renewable energy sources that met EWEB's climate goals, and also met the utility's reliability and affordability goals, such as wind and solar, and that wave energy is not off the table. He added that much can be done through energy efficiency and conservation, as well as demand response which addresses the issue of timing. AMI technology along with products and services can be used to encourage people to use energy when it is the least expensive and the cleanest.

Commissioner McRae voiced his support for renewable hydrogen storage and EWEB playing a role in it. He acknowledged the need for synthetic and/or renewable gas

stating that we need to use these fuels in sectors that are hard to electrify. He offered that in order for EWEB to get to a more renewable energy future, they should electrify everything that could be electrified, such as home heat, and the heating of domestic water. He asked Mr. Lawson to say a few things about the difference between electricity versus all energy, i.e. going to 90% renewable electric sector versus going to 90% renewable energy including transportation and housing.

Mr. Lawson said he was not sure about the particular interrelationship Commissioner McRae was asking about. He offered that EWEB has been supportive of clean energy policies that were economy wide as there are a lot of energy inefficiencies experienced at the intersections of different energy sectors. All the systems eventually work together and should be considered from a triple bottom line perspective.

Commissioner Barofsky acknowledged that communities have different values. He referenced the slide of the presentation which said some areas would be losing 4,000 megawatts of coal power in the next few years; he asked if the areas coming off coal power were planning on building a natural gas plant instead for power generation.

Mr. Lawson agreed that values differ as demonstrated by different clean energy standards in certain states. He pointed out that if a utility had any energy sources without fuel costs, those sources would be taken advantage of before building something like a natural gas generation plant. He added most of the concern around the removal of coal energy, is it is being removed faster than new or different technologies are being put in place.

Vice President Brown asked when the last time a transmission line had been approved, and how long the approval took. He also wondered about the likelihood of permitting a new transmission line, and how that would affect current timetables.

As an example, Mr. Lawson said there was a current transmission line permitting process that had been ongoing now for about 15 years in remote eastern Oregon, and that project had yet to complete the permitting process, or to break ground.

President Schlossberg, saying that EWEB was a relatively small utility in a relatively small city, wondered in which areas EWEB could get the most energy savings for the least cost, and how to leverage other partners to get it.

Mr. Lawson said the best option, with the highest impact the soonest, was in a focus on energy efficiency and conservation. He used Advanced Metering Infrastructure (AMI) as an example, saying the sooner EWEB could finish AMI installation, and gather the data generated by it, the sooner the utility could get into products and services which create demand response programs. He added, to him, the next step would be for the utility to look closely at consumption across the entirety of its customer base.

Vice President Brown said that he did not believe EWEB should change its Strategic Plan based on recent energy- or climate-driven conditions or opportunities. As far as

what future Board policy opportunities he would be interested in having management explore and/or assess, he said policies involving efficiency and electrification were of utmost importance. Vice President Brown offered that EWEB should reallocate their priorities to invest in the weatherization and energy efficiency of rental units, and also programs focused on electric vehicles (EVs), including incentivizing ratepayers to install in-home charging systems for EVs, and to charge their vehicles at night, in off-peak hours.

Commissioner Barofsky—citing his short time on the Board—admitted he was not familiar enough with EWEB’s Strategic Plan to feel comfortable suggesting wholesale changes to it. He was interested in staff exploring the installation of EV fast-charging stations at some of EWEB’s myriad substations. Commissioner Barofsky said he sees Leaburg and Walterville as flow-through power, that could be used at nighttime and when demand is low, for the generation of hydrogen as a fuel source. He suggested this as an area to potentially re-allocate priorities.

Commissioner McRae posited that it is a priority to swiftly address community-wide carbon emissions, and this could be included in the Strategic Plan. He said everything he had seen suggested that making a transition off fossil fuels could be done very affordably. Commissioner McRae offered he would like to see another phase of the electrification study that included both industrial and freight energy use in the EWEB service area. He suggested a transition equity goal be set by the utility, to make sure as the area is decarbonized, that transition does not disproportionately affect marginalized communities, and also helps those communities get into a better place over the course of decarbonizing our community. Commissioner McRae felt the utility should establish a goal of how much carbon comes along with its electricity into the future, in five-year increments. He added that EWEB should have an electrification target and in addition to decarbonization, EWEB should have a resilience target, perhaps by identifying the portion of electricity that is generated locally, or that EWEB has immediate control over, so that when there are disruptions to the system, EWEB would know it has control over enough electricity to supply its basic needs. Finally, he asked Mr. Lawson when those targets would need to be in place to inform future energy purchase decisions.

Commissioner Carlson pointed out EWEB had 90% clean electricity, with the other 10% being mostly market purchases, which EWEB had no control over, as far as carbon content of the purchased electricity was concerned. She wondered if it was realistic to set a goal of offering 100% renewable energy-driven electricity, while that market-purchased 10% was completely out of EWEB’s control. Commissioner Carlson felt there needed to be an intentional marketing strategy from EWEB, in which the utility announces it will not go after 100% renewable electricity at this time, because the 10% of market-bought electricity purchased by EWEB had generation sources which were out of EWEB’s control. Instead, she continued, it was the utility’s responsibility to focus on the things EWEB can influence such as rental efficiency and electric vehicles, to offset any carbon found within that 10% purchased from the energy market.

Mr. Lawson assured the Board EWEB staff was not giving up on the 10%. He added there were new standards coming into being within the energy market, for example one export standard would address the potential sale of a clean energy product being backfilled with a dirtier product, which does not help the overall carbon content.

In choosing the path to 0% carbon, Commissioner Carlson said there needed to be detailed information specifically pertaining to EWEB, and what the utility itself can do to reach this goal, instead of information about the regional and national power markets.

President Schlossberg said she was undecided about changing the Strategic Plan, however, she wished for the decarbonization work to remain at the top of the priority list in the Plan. She added EWEB should shift more focus to answering the questions raised by this meeting's carbon conversation; she agreed with Commissioner McRae about an equity goal built into any EWEB transition from carbon, to ensure marginalized and vulnerable communities would not be disproportionately impacted by that transition.

Mr. Lawson said he had enough information from the Board, from the Work Session, to figure out how the decarbonization discussion would fit into EWEB's strategic discussions. He said he would come back to the Board to discuss very specific aspects of EWEB's strategic planning, and how decarbonization played into it.

President Schlossberg adjourned the meeting at 7:45 p.m.

*Recorded by Rodney Cimburke*

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Assistant Secretary

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President

**EUGENE WATER & ELECTRIC BOARD  
EXECUTIVE SESSION  
VIRTUAL MEETING  
MAY 4, 2021  
5:00 P.M.**

**Commissioners Present:** Mindy Schlossberg, President; John Brown, Vice President; Sonya Carlson, John Barofsky and Matt McRae Commissioners

**Others present:** Frank Lawson, General Manager; Rod Price, Assistant General Manager; Deborah Hart, Chief Financial Officer; Travis Knabe, Chief Information Officer; Lena Kostopulos, Chief Human Resources Officer; Susan Ackerman, Chief Energy Officer; Julie McGaughey, Chief Customer Officer; Tyler Nice, Electric Operations Manager; Sarah Creighton, Enterprise Risk Program Manager; Anne Kah, Executive Assistant; Kevin Kiely, Cable Huston Legal Counsel; and Tom Grim; Cable Huston Legal Counsel

**EXECUTIVE SESSION:**

The Executive Session was called to order at 5:00 p.m.

**Pursuant to ORS 192.660 (2)(f) and ORS 192.660 (2)(h)**

The EWEB Board of Commissioners met in Executive Session to consider information or records that are exempt by law from public inspection, and to consult with counsel with regard to litigation likely to be filed.

President Schlossberg adjourned the Executive Session meeting at 5:37 p.m.

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Assistant Secretary

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President

**EUGENE WATER & ELECTRIC BOARD  
REGULAR SESSION**

**May 4, 2021**

**5:45 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/2021board-agendas-and-minutes>.*

**Commissioners Present:** Mindy Schlossberg, President; John Brown, Vice President; John Barofsky, Sonya Carlson, Matt McRae, Commissioners

**Others Present:** Frank Lawson, General Manager; Sarah Gorseger, Purchasing & Warehouse Supervisor; Deborah Hart, Chief Financial Officer; Dick Helgeson, Former EWEB Commissioner; Matthew Miller, Accounting Analyst; Tyler Nice, Electric Operations Manager; Rod Price, Assistant General Manager; Wallace McCullough, Water Engineering Supervisor

President Schlossberg called the Regular Session to order at 5:45 p.m.

**Agenda Check**

There were no changes or additions to the agenda.

**Items from Board Members and General Manager**

Vice President Brown said that he had recently attended the quarterly Other Post-Retirement Benefits (OPEB) meeting, which contained positive news. He explained the program provides supplemental insurance for the over 500 retirees taking part in the program. He said EWEB contributions to OPEB this year were the smallest in recent history, and the plan's assets grew by \$850,000 over the year.

Vice President Brown announced an upcoming volunteer opportunity in May and June, helping the Oregon Department of Fish and Wildlife (ODFW) sort wild fish and hatchery fish separately at the Leaburg Dam facility.

President Schlossberg thanked EWEB staff for setting up the previous Work Session on Tuesday, April 20, 2021, which was a hybrid of in-person and remote participants. She offered the meeting went well, and its content was very helpful.

Mr. Lawson announced the Northwest Public Power Association (NWPPA) had recently named former EWEB Commissioner and NWPPA Board member Dick Helgeson as the recipient of the NWPPA's Life Membership Award for 2021.

Mr. Lawson thanked US Representative Peter DeFazio and his District Manager for meeting him and other members of EWEB staff up in the McKenzie Valley, to see first-hand the post-fire recovery, and to discuss future plans for protecting the McKenzie Watershed.

Mr. Helgeson expressed gratitude for the award, and to Mr. Lawson for announcing the award to the EWEB Board. He added that, with this award, he would be able to still attend NWPPA meetings.

### **Public Input via Telephone/Public Input Reading**

**Stephen Anderson** of Eugene asserted that he and other community members felt they were lied to and railroaded concerning the E. 40<sup>th</sup> water storage project. He said, after he and other community members urged EWEB not to build the first storage tank on the first site (due to the number of old trees that would need to be removed, and the site's proximity to community members' houses), they then received nothing but excuses and platitudes from the utility, giving reasons why EWEB would build on site one, despite protests from the community. Mr. Anderson was equally perturbed—as, according to him, were the other members of this community—at EWEB's sudden decision to build and install both tanks at present, simultaneously. He urged the EWEB Board to rescind its endorsement of building both tanks at the same time, and agree to build only the first tank, and to build it on site 2.

**[Joe Harwood for] Tony Daher** of Eugene suggested EWEB look into a technology which creates ammonia from air and water, which can be used for electricity storage, and to replace fossil fuels in vehicles, including planes and ships. He added ammonia could replace hydrogen in the fuel cells of those cars which have fuel cells, and it does not release carbon, or pollute our environment.

### **Approval of Consent Calendar – A MINUTES AND ROUTINE CONTRACTS**

#### **MINUTES**

1. a. **April 6, 2021 Executive Session**
- b. **April 6, 2021 Regular Session**

#### **CONTRACTS**

2. **Brink Brothers, Inc.** - for vegetation removal services from the Holiday Farm fire. \$150,000 (over 5 years) based on a Formal Invitation to Bid.
3. **ERMCO** - for the purchase of Padmounted Transformers (as needed). \$3,410,000 (over 5 years) based on a Formal Invitation to Bid.
4. **General Pacific Inc.** - for the purchase of Deadfront Padmounted Switchgear (as needed). \$695,000 (over 5 years) based on a Formal Invitation to Bid.
5. **ML Houck Construction Company** - for the Cross Street Water Main replacement project. \$402,000 based on a Formal Invitation to Bid.
6. **O'Malley Brothers Corporation** - for additional funds for hauling services. \$47,500. Resulting cumulative total \$184,000 (over 5 years). Based on a Formal Invitation to Bid.

***Vice President Brown moved to approve Consent Calendar – A. The motion passed unanimously 5:0.***

**Approval of Consent Calendar – B**

**NON-ROUTINE CONTRACTS AND OTHER CONSENT ITEMS**

**CONTRACTS**

**7. CXT Incorporated** - for the purchase of prefabricated restrooms for the Trail Bridge Campground. \$315,000 based on a Cooperative Contract.

**8. Verizon Wireless** - for wireless voice, data, and accessories. \$1,000,000 (over 4 years) based on a Cooperative Contract.

**RESOLUTIONS**

**9. Resolution No. 2107-** Annual Price Adjustment for Joint Use Charges and Fees.

**10. Resolution** - Designating Applicant Agent for Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program.

***Vice President Brown moved to approve Consent Calendar – B. The motion passed unanimously 5:0.***

**Reserve Fund Status and Transfers/Use of Reserves**

Ms. Hart and Mr. Miller offered the Board a report and PowerPoint presentation on the status of reserve funds, and the use of reserves.

Commissioner Carlson said she was comfortable with the funds transfer, and she looked forward to a Resolution to that end next month.

Commissioner Barofsky inquired about the large debt service scheduled for August 2021. He wondered at the breakdown between the electric side and the water side, as to the servicing of said debt.

Mr. Miller said there was a \$15 million annual payment to debt servicing which came from the electric side, and roughly \$5 million from the water side of the utility.

Both Vice President Brown and Commissioner McRae thanked EWEB financial staff for their hard work and diligence.

Commissioner Barofsky wondered what EWEB's current bond rating was.

Ms. Hart answered EWEB's general across-the-board bond rating was AA.

Since there were no substantial recommendations, Mr. Lawson offered this issue would be brought back before the Board on next month's Consent Calendar, with the Board President's permission.



President Schlossberg said that would be great, and thanked Mr. Lawson for his diligence.

### **Quarterly Strategic & Operational Report for Q1 2021**

Mr. Lawson and Mr. Price offered the Board quarterly strategic and operational reports, with PowerPoint accompaniment.

Commissioner Barofsky wondered what strategies EWEB was employing to try and recruit and retain qualified employees.

Mr. Price admitted to EWEB's hiring challenges, attributing them to: not a lot of people going into technical fields such as metering and engineering, rendering the pool EWEB has to draw from in those areas low, and—in the Eugene area specifically—the lack of unemployment in general, and the lack of available, affordable housing. He said EWEB was developing strategies to attract potential staff while prioritizing work that aligns with EWEB's Strategic Plan.

Vice President Brown wondered what work was not getting done due to open positions at the utility that have been unfilled for over a year.

Mr. Price said EWEB had been working a little more closely with consultants, and that has helped ease the burden of staffing shortages.

Mr. Lawson added that two areas EWEB had been concentrating on were: the tradeoffs between Operation and Maintenance (O&M) and Capital, and the risk-based project category, which can be adjusted without restraints like those on the compulsory and strategic project categories.

Vice President Brown remembered the EWEB Board passing a \$12 million contract to subcontract out the AML installation, and he wondered how that was going, and if EWEB was falling behind in AML installation.

Mr. Price said that contract was specifically for the electric side of the utility, not the water side, and he would be discussing that in the next agenda item: Capital Project Update.

Commissioner Carlson asked if EWEB was experiencing any supply-chain issues.

Mr. Price said no, although prices were trending upward.

Ms. Gorsegner offered that EWEB had received notices from some of its suppliers saying there will most likely be longer wait times for supplies, which of course would affect project costs. She said her department had been working with key Project Managers to try and get ahead of any supply issues that might come up.

## **Capital Project Update**

Mr. McCullough, Mr. Nice, and Mr. Price offered the Board an update and PowerPoint presentation on EWEB's Capital Plan.

President Schlossberg highlighted the potential for EWEB to receive infrastructure funding from federal and state sources; she wondered how the utility would use that money, and how priority decisions about those possible funds would be reached.

Mr. Lawson replied that some of those monies would be categorical and tied to specific areas or projects within the utility, such as resiliency. He said EWEB currently had more projects than they would be able to fund through this type of infusion, citing EWEB's nearly \$1.125 billion in assets.

Mr. Price added there would be opportunities for joint projects involving EWEB and the City of Eugene, that would potentially qualify for the aforementioned funding.

Mr. Lawson said he believed EWEB's Strategic Plan aligned very well with the potential target funding areas being discussed.

Commissioner McRae asked about the compulsory spending in the Capital Improvement Plan, specifically as it pertained to the water side of the utility; he wondered—given the abrupt and severe rise in prices of building materials—if EWEB's compulsory projects would be affected by those fluctuations.

Mr. Price explained the utility would always prioritize the labor and materials involved in compulsory projects. As an example, he said that currently resources were being diverted from risk-based and strategic work to focus on compulsory projects.

Mr. McCullough further clarified a lot of the utility's compulsory work was based on materials for which EWEB had contracts with suppliers of said materials, offering more price stability.

Commissioner Barofsky wondered if EWEB had a type of project-ranking system in which decisions to simply patch an aging water main, for example, or the decision to completely replace said main were made.

Mr. McCullough replied there were systems in place in which the utility prioritized compulsory projects, with an eye to cost efficiency and necessity.

Commissioner Barofsky urged staff to move swiftly and plan ahead as far as stimulus fund availability was concerned, so the utility was poised to take advantage of those programs.

## **Correspondence & Board Agendas**

Mr. Lawson offered the Board a report on this month's Correspondence and Board Agendas.

Commissioner McRae wondered if, on the upcoming May 18 Work Session agenda, they should add more time for the Wildfire Mitigation item. He also asked if the June 15 Upriver Meeting had a scheduled end time.

Mr. Lawson said the plan was to minimize presentation time at the Upriver Meeting as much as possible, to leave the majority of the time for local residents' questions and feedback. He added that he would look into the Wildfire Mitigation Work Session agenda item to make sure it had as much time in the meeting as necessary.

Commissioner Carlson asked if there was a plan in place in case the County were to return to the Extreme Risk COVID category.

Mr. Lawson said yes, they were planning on a couple more virtual meetings, followed by some hybrid (a combination of virtual and in-person participation) meetings. He added this was of course predicated on Lane County's Risk category.

Vice President Brown pointed out the Governor had moved Lane County back to High Risk just before the beginning of this meeting.

President Schlossberg wanted to make sure that none of the Commissioners felt pressured into joining an in-person meeting if they were not ready or willing to do so.

Commissioner McRae offered that he felt no such pressure.

Commissioner Carlson agreed with Commissioner McRae; she asked if the Commissioners needed to let staff know in advance if they were planning on attending an in-person meeting or not.

Mr. Lawson said a lot of advance notice was not necessary, and that the hybrid meetings were always flexible on who is there in person, and who is there virtually.

### **Board Wrap-Up**

Vice President Brown expressed gratitude to EWEB, and said he was very happy the utility had donated a home to a local family late last year. He added he hoped EWEB would continue cooperating with the Forest Service (USFS) et al. to reduce river flows so the upper river can be navigated and cleared of debris, including trees.

President Schlossberg adjourned the meeting at 7:30 p.m.

*Recorded by Rodney Cimburke*

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Assistant Secretary

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President

## **EWEB Board Consent Calendar Request**

*For Contract Awards, Task Orders, Renewals, and Increases*

The Board is being asked to approve a TASK ORDER (B-4) with **JACOBS dba CH2M Hill Engineers Inc.** for Engineering Services for the Carmen-Smith Load Bank.

Board Meeting Date: June 1, 2021

Project Name/Contract #: CS Load Bank – 100% Design Services Task B-4

Contract #018-2018 Carmen-Smith Fish Passage Facilities

Primary Contact: Rod Price Ext. 7122

### **Contract Amount:**

Original Contract Amount: \$ 10,000,000

Task Orders and Amendments Previously Approved: \$ 6,508,528

Invoices over last approval: \$ 0

Percentage over last approval: 0 %

Amount this Request: \$ 1,466,254

**Resulting Cumulative Task Order Total:** \$7,974,782

### **Contracting Method:**

Method of Solicitation: Request for Proposals

If applicable, basis for exemption: N/A

Term of Agreement: Through December 31, 2023

Option to Renew? Yes

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

Proposals/Bids Received (Range): N/A

Selection Basis: Qualifications Based Selection (QBS)

### **Narrative:**

#### Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve Task Order B-4 of Contract 080-2018 with JACOBS, of Corvallis, Oregon. Task Order B-4 will authorize the design of a load bank at the Carmen Smith Project that will operate during high flow events at the project. When in operation, the load bank will allow EWEB to protect sensitive aquatic habitat in the Smith Bypass Reach. A license amendment to the CS Operating License to substitute a load bank for a bypass valve is in process.

#### Contracted Goods or Services

Jacobs will prepare final designs, specifications, supporting planning and scheduling estimates for a load bank that facilitates dissipation of power equivalent to 1100 CFS through the Carmen Powerhouse.

Task Orders and Amendments are scoped by the Project Manager consistent with license requirements and negotiated with the Contractor. Billing rates match the rates negotiated as part of the Master Agreement and acceptable insurance certificates have been received.

Prior Contract Activities

The Board approved the Master Services Agreement (080-2018) for the Carmen Smith Fish Passage Facilities with Jacobs of Corvallis, Oregon on April 02, 2019. A summary of Task Orders and Amendments is provided below:

Task Order	Amend. #	\$ Amount	Date Approved	By
U-1		\$ 51,307	5/8/2019	Board
D-1		\$ 278,778	5/8/2019	Board
U-2		\$1,073,382	12/3/2019	Board
U-3		\$ 122,265	7/10/2019	Staff
U-3	1	\$ 61,778	1/7/2020	Board
D-1	1	\$ 332,178	1/7/2020	Board
D-2		\$1,455,325	3/3/2020	Board
U-2	1	\$ 204,152	4/7/2020	Staff
U-2	2	\$ 37,268	4/30/2020	Staff
D-2	1	\$ 497,983	6/2/2020	Board
B-1		\$ 525,346	6/2/2020	Board
FRS-1		\$ 410,051	10/2/2020	Staff
D-2	2	\$ 74,121	7/16/2020	Staff
PFM-1		\$ 382,217	12/3/2020	Staff
U-2	3	\$ 173,227	11/24/2020	Staff
U-4		\$ 246,268	1/7/2021	Staff
B-2		\$ 110,854	1/14/2021	Staff
B-3		\$ 472,027	2/2/2021	Board

**\$6,508,528**

Purchasing Process

In December 2018, in accordance with Oregon public procurement rules, EWEB initiated a Request for Proposals (RFP) using the Qualifications Based Selection (QBS) process for engineering services for upstream and downstream fish passage. The QBS process culminated with selection of Jacobs of Corvallis, OR, as the most qualified consultant, consistent with QBS selection process.

Major work tasks for the overall Project will include:

1. Attraction Water Supply route selection. (Task Order U-1)
2. Trap and Haul Facility design (Task Order U-2)
3. Spawning Channel Improvements design and construction phase services (Task Orders U-3 and U-4)
4. Tailrace Barrier Demolition design ((Task Order U-2)
5. Trail Bridge Spillway Gate Modification Alternative Evaluation ((Task Order D-1)
6. Trail Bridge Spillway Gate and Hoist design (Task Order D-2)
7. Trail Bridge Spillway surface modification design (Task Order D-2)
8. Multi-project Potential Failure Mode Analyses – FERC Coordination (Task Order PFM-1)
9. Carmen Diversion Flow Release Structure (Task Order FRS-1)
10. Smith Flow Release Structure design and Spillway Expansion (FRS-1)
11. 800 CFS Bypass Alternatives Evaluation (Task Order B-1)
12. 800 CFS Bypass 30% Design (Task Order B-2 and Task Order B-3)
13. CS Load Bank – Final Design (This Task Order B-4)

**ACTION REQUESTED:**

Management requests the Board approve Task Order B-4 of the Carmen Smith Fish Passage Facilities contract with Jacobs, for final design services for the Load Bank project. Approximately \$1,000,000 was planned for these services in the Carmen – Smith License Deployment Department in the \$20.9 million 2021 Electric Capital Budget. Variances will be managed within the budget process and Board policy.

## **EWEB Board Consent Calendar Request**

*For Contract Awards, Task Orders, Renewals, and Increases*

The Board is being asked to approve a TASK ORDER (S-1) with **JACOBS dba CH2M Hill Engineers Inc.** for Engineering Services for the CS Smith Spillway Expansion and Flow Release Structure and to increase the authorized amount of Contract 080-2018.

Board Meeting Date: June 1, 2021

Project Name/Contract #: CS Smith Spillway Expansion – 100% Design Services Task S-1

Contract #018-2018 Carmen-Smith Fish Passage Facilities

Primary Contact: Rod Price Ext. 7122

### **Contract Amount:**

Original Contract Amount: \$ 10,000,000

Task Orders and Amendments Previously Approved: \$ 7,974,782

Invoices over last approval: \$ 0

Percentage over last approval: 0 %

Amount this Request: \$ 2,085,759

**Resulting Cumulative Task Order Total:** \$10,060,541

**Resulting Cumulative Total Contract Amount:** **\$12,000,000**

### **Contracting Method:**

Method of Solicitation: Request for Proposals

If applicable, basis for exemption: N/A

Term of Agreement: Through December 31, 2023

Option to Renew? Yes

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

Proposals/Bids Received (Range): N/A

Selection Basis: Qualifications Based Selection (QBS)

### **Narrative:**

#### Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve Task Order S-1 and to increase the authorized amount of Contract 080-2018 with JACOBS, of Corvallis, Oregon by the same amount. Task Order S-1 will authorize design work to expand the existing spillway at Smith Dam in order to address an overtopping condition present during a probable maximum flood (PMF) event. The overtopping condition was one of the conclusions of the recently completed Revised Probable Maximum Flood Report completed after the Jacobs contract amount was approved. The design will also include the CS Operating License required flow release structure used to provide an ongoing supply of water to the aquatic habitat in the Smith Bypass Reach.

#### Contracted Goods or Services

Jacobs will prepare final designs, specifications, supporting planning and scheduling estimates for the spillway expansion and flow release structure. The increased spillway capacity will accommodate the PMF to address significant dam safety concerns associated with flood events. Additional services for geotechnical investigations and review by regulatory and third-party experts will be required prior to construction of this facility.

Task Orders and Amendments are scoped by the Project Manager consistent with dam safety and license requirements and negotiated with the Contractor. Billing rates match the rates negotiated as part of the Master Revised August 2017

Agreement and acceptable insurance certificates have been received.

Prior Contract Activities

The Board approved the Master Services Agreement (080-2018) for the Carmen Smith Fish Passage Facilities with Jacobs of Corvallis, Oregon on April 02, 2019. A summary of Task Orders and Amendments is provided below:

Task Order	Amend. #	\$ Amount	Date Approved	By
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U-4		\$ 246,268	1/7/2021	Staff
B-2		\$ 110,854	1/14/2021	Staff
B-3		\$ 472,027	2/2/2021	Board
B-4		\$1,466,254	6/1/2021	Pending Board Approval

**\$7,974,782**

Purchasing Process

In December 2018, in accordance with Oregon public procurement rules, EWEB initiated a Request for Proposals (RFP) using the Qualifications Based Selection (QBS) process for engineering services for upstream and downstream fish passage. The QBS process culminated with selection of Jacobs of Corvallis, OR, as the most qualified consultant, consistent with QBS selection process.

Major work tasks for the overall Project will include:

1. Attraction Water Supply route selection. (Task Order U-1)
2. Trap and Haul Facility design (Task Order U-2)
3. Spawning Channel Improvements design and construction phase services (Task Orders U-3 and U-4)
4. Tailrace Barrier Demolition design ((Task Order U-2)
5. Trail Bridge Spillway Gate Modification Alternative Evaluation ((Task Order D-1)
6. Trail Bridge Spillway Gate and Hoist design (Task Order D-2)
7. Trail Bridge Spillway surface modification design (Task Order D-2)
8. Multi-project Potential Failure Mode Analyses – FERC Coordination (Task Order PFM-1)
9. Carmen Diversion Flow Release Structure (Task Order FRS-1)
10. Smith Spillway Expansion and Flow Release Structure design (Task Order S-1)
11. 800 CFS Bypass Alternatives Evaluation (Task Order B-1)
12. 800 CFS Bypass 30% Design (Task Order B-2 and Task Order B-3)
13. CS Load Bank – Final Design (B4)

**ACTION REQUESTED:**

Management requests the Board approve Task Order S-1 of the Carmen Smith Fish Passage Facilities contract with Jacobs, for final design services for the Load Bank project. Management also requests the authorized amount of Contract 080-2018 be increased by the same amount. Approximately \$1,500,000 was planned for these services in the Carmen – Smith License Deployment Department in the \$20.9 million 2021 Electric Capital Budget. 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 **JR Merit, Inc.** for Construction Services at the Trail Bridge Intake Gate.

Board Meeting Date: June 1, 2021  
Project Name/Contract #: Trail Bridge Intake Gate Refurbishment / #21-095-PW  
Primary Contact: Rod Price Ext.7122

### **Contract Amount:**

Original Contract Amount: \$264,445  
Additional \$ Previously Approved: \$0  
Invoices over last approval: \$0  
Percentage over last approval: 0 %  
Amount this Request: \$264,445  
**Resulting Cumulative Total:** \$264,445 (including optional items)

### **Contracting Method:**

Method of Solicitation: Formal Invitation to Bid  
If applicable, basis for exemption: N/A  
Term of Agreement: October 22, 2021 final completion  
Option to Renew? No  
Approval for purchases *"as needed"* for the life of the Contract Yes  No   
Proposals/Bids Received (Range): 3 – (\$173,194 to \$265,259)  
Selection Basis: Lowest responsive and responsible bid  
Narrative:

### Operational Requirement and Alignment with Strategic Plan

The Trail Bridge Intake Gate is the only way to isolate the penstock and allow personnel to work within the waterway. The gate has been operating since the mid 1960's and is in need of repair. Over the next few years, the gate will frequently be used to isolate work areas for new fish passage construction and maintenance of existing facilities. In the near term, a reliable gate is needed for the safety of workers and to minimize leakage during construction. In the long term, the gate will be used for waterway maintenance tasks over the life of the Project.

### Contracted Goods or Services

The refurbishment of the Trail Bridge Intake Gate leaf and lower block includes parts and labor for replacing worn items and repairing re-used equipment. Lead abatement and a new coating is needed to protect the gate from corrosion and is relatively easy to implement while the gate is dismantled for repairs. As such, EWEB selected the optional bid item for \$91,251 for a complete new coating instead of



performing spot coating at the repair areas only.

The gate has needed very little work over the last 60 years of operation and this work will prepare the gate for another 40 years of service.

Refurbishment of the gate hoist will be a separate project coordinated with other facility outages.

Prior Contract Activities

EWEB has not had any previous direct contracts with JR Merit. JR Merit was a sub-contractor under the Wildish CM/GC contract #002-2011. They provided turbine shut-off valve installation on time and on-budget; the Wildish Guaranteed Maximum Price was \$1,756,857.

Purchasing Process

In April 2021, EWEB issued a formal Invitation to Bid for construction services to refurbish the intake gate at Trail Bridge. The solicitation was publicly advertised on ORPIN. Three (3) bids were received and JR Merit, Inc. provided the lowest bid and was deemed responsive and responsible.

Vendor Name	City, State	Offered Price
JR Merit	Vancouver, WA	\$173,194
Northbank	Vancouver, WA	\$197,000
Knight Construction	Deer Park, WA	\$265,259

Competitive Fair Price (If less than 3 responses received)

N/A

**ACTION REQUESTED:**

Management requests the Board approve a contract with JR Merit, Inc. for construction services. For 2021, approximately \$19 million is budgeted for Type 3 capital spending and this contract value is included within the anticipated spending. Variances will be managed within the budget process and Board policy.