

**EUGENE WATER & ELECTRIC BOARD
WORK SESSION
May 18, 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; Larry Longworth, Electric Dispatch Supervisor; Tyler Nice, Electric Operations Manager; Rod Price, Assistant General Manager; Shane Tennison, Electric Vegetation Supervisor

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

Agenda Check

There were no changes or additions to the agenda.

Wildfire Mitigation Planning

Mr. Price and Mr. Nice offered the Board a report and PowerPoint presentation on Wildfire Mitigation Planning.

Commissioner Barofsky wondered if it was the National Weather Service (NWS) who issued red-flag warnings for high winds, etc.

Mr. Nice said yes, it was the NWS.

Commissioner Barofsky asked if the EWEB's O&M 10-Year Plan was a continuous cycle, meaning that it took about 10 years to completely inspect all the systems of the utility.

Mr. Nice responded yes, that currently the utility was addressing roughly 10% per year of total systems, for a 10-year cycle. He added that on the trees it is a quicker turnaround.

Commissioner Barofsky wondered if it was easier for EWEB to de-energize the transmission line from Carmen-Smith, while leaving the power on to Vida.

Mr. Lawson said the transmission line goes up to Blue River and feeds that town through Lane Electric Cooperative, and then it continues to Cougar and splits off to Carmen. He said there is potential to sectionalize and disconnect part of the transmission line without disconnecting the rest of it.

President Schlossberg wondered what the timeline was for the Wildfire Mitigation Plan.

Mr. Price said EWEB staff was aiming for having a draft in front of the Board by the end of the year.

President Schlossberg asked if there was a public communication plan in place for the upcoming dry season.

Mr. Price said they have been meeting regularly to work on messages to send out in case of a red flag event as well as for general knowledge.

Mr. Lawson added there were already many resources on the subject on EWEB's webpage, with links to other resources containing fire mitigation, such as the Forest Service and the County.

President Schlossberg suggested the utility do something like the past Pledge to Prepare EWEB released for disaster preparedness, but with a focus on wildfire mitigation.

Commissioner Carlson wondered, if the area was under a red-flag warning, who representing EWEB made decisions concerning, and responded to the situation.

Mr. Price said the Operations arm of EWEB responds first by working through their standing orders.

Mr. Lawson added there was a pre-defined process EWEB Operations would go through in the event of a PSPS (Public Safety Power Shutoff). This is due to the importance of community outreach, communications, and coordinating with other agencies.

Mr. Price asserted that EWEB did not have a system in place to proactively shut off power, saying that instead, the utility shuts off power reactively. We need to work with 911, Emergency Managers, and local Emergency Broadcast Systems to communicate to the public when a shutoff is likely or imminent.

Commissioner Carlson asked if generators were restricted from being used during a red-flag warning.

Mr. Price again stated the importance of working with local emergency managers and personnel (like fire departments) to figure out exact local rules and restrictions during red-flag warnings.

Commissioner Carlson agreed with President Schlossberg's suggestion that EWEB do something like its past Pledge to Prepare the utility released for disaster preparedness, but with a focus on wildfire mitigation. She wondered if there was another level of mitigation, such as sprinkler systems (in case of a transformer exploding), or some kind of fire retardant that would foam up in case of a fire.

Mr. Price said there are less flammable oils that can be purchased for use in transformers.

Mr. Nice said the ester oils, (whose trade term is FR3), that EWEB has been using do indeed have a higher flashpoint than more conventional transformer oils.

Commissioner McRae asked if there was a difference in the circuit disconnect mechanisms between transmission lines and distribution lines. If that were the case, he wondered if there was a way to address the lines at higher risk of starting a fire.

Mr. Price said in transmission and distribution there are circuit breakers which are mechanical devices, and in distribution systems there are fuses. Many utilities had been changing out fuses on their distribution systems for less explosive ones, and there were also mitigation efforts involving automated protection devices installed by utilities at their substations, giving utility personnel the ability to control remotely.

Commissioner McRae said that while he felt wildfire mitigation was important system-wide, he emphasized a need for extra-vigilant mitigation efforts in the South Hills region of EWEB's service area.

He wondered if there was anything the utility could do to help people who rely on electronic medical assistive devices to not lose power during red-flag events, such as battery sets.

Mr. Price said that was a really good point, and it was something EWEB could do, but there would have to be a lot of conversation leading up to such a decision.

Mr. Lawson offered that many electronic medical devices had built-in batteries, and were geared for short outages, but added the communication piece was key, so the owners of said devices would have time to charge them fully.

Vice President Brown asked if there was legislation—either existing or pending—that would protect EWEB from liability should they have to shut off power.

Mr. Price said this type of legislation was still in its infancy in Oregon, but EWEB State Legislative Liaison Jason Heuser was very tuned into this particular type of legislation, and there would be opportunities for EWEB to take advantage of such legislation in the near future.

Vice President Brown wondered if there was a backup plan in place for filling the south hills reservoir in the event of a power outage. He said this would be especially important if there were a fire nearby which would draw the reservoir down.

Mr. Price said the water system has backup generators.

Mr. Lawson said that from a legal standpoint, EWEB was fairly immune in the case of natural power disruptions; he again stressed the importance of communication, in the event EWEB had to shut power off.

Strategic Plan

Mr. Lawson offered the Board a Strategic Plan (SP) review and PowerPoint presentation.

Commissioner McRae asserted the EWEB Board should hold more Work Sessions on this topic, as well as the Fire Mitigation topic. He added EWEB had an opportunity and perhaps an obligation to address community-wide greenhouse gas emissions.

Commissioner Carlson said she was interested to see what the Workforce part of the SP would look like as far as equity, diversity, and inclusion were concerned. She agreed with Commissioner McRae's sentiments about climate change and added she would like to see climate change more closely addressed in EWEB's various community projects.

President Schlossberg said she was glad to see Workforce included in the SP; she agreed with Commissioner Carlson about the importance of equity, diversity, and inclusion within the Workforce framework. President Schlossberg also agreed with Commissioner McRae concerning EWEB's role in reducing greenhouse gas emissions at the community level.

Commissioner Barofsky was pleased with the SP, but suggested a deeper dive, at least on his part, into the SP before committing. He added he wanted to be as sure as possible about the SP's direction before saying Yes or No.

Vice President Brown suggested coordinating with Lane Community College (LCC), who was readying a \$35 million facility to train local people in the types of skilled trades EWEB could use in its workforce. He also urged EWEB to become a regional water supplier, in line with housing affordability.

President Schlossberg, citing Commissioner Barofsky's comments about needing more information before committing to the SP, expressed concern that, instead of moving forward with the SP, the EWEB Board would continue to get stuck in situations where Commissioners feel like they do not know enough about the SP to make a meaningful decision on it. She then encouraged Commissioners to voice what they need in order to have a deep enough dive into the Plan.

Mr. Lawson posited more work time and/or more one-on-ones with Commissioners—especially those new to the Board—would be helpful in educating the Commissioners, resulting in a quicker, more informed decision on the Commissioners' part.

Vice President Brown said he appreciated President Schlossberg's comments toward Commissioner Barofsky and encouraged all Board members to communicate with each

other in this regard, and to share information with each other in the interest of the Board learning as a whole.

Vice President Brown adjourned the meeting at 7:38 p.m.

Recorded by Rodney Cimburke

Assistant Secretary

President

**EUGENE WATER & ELECTRIC BOARD
REGULAR SESSION**

June 1, 2021

5:30 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; Deborah Hart, Chief Financial Officer; Travis Knabe, Chief Information Officer; Rod Price, Assistant General Manager

President Schlossberg called the Regular Session to order at 5:30 p.m.

Agenda Check

There were no changes or additions to the agenda.

Items from Board Members and General Manager

Vice President Brown thanked the staff responsible for the recent EWEB Board river float trip. He said it was a great event where they were able to network with elected officials and get educated about watershed recovery efforts. The sentiment was echoed by the rest of the Board.

Mr. Lawson thanked Commissioners for attending a variety of meetings and events over the last six weeks, including a tour of Seneca's Sustainability Cogeneration Plant. He reminded those present that the upriver meeting was scheduled for June 18, 2021, and that it was designed as an information-sharing and upriver customer interaction, which would include brief staff overviews of topics such as watershed restoration and wildfire mitigation, leading to discussion with customers.

Mr. Lawson announced Susan Ackerman was retiring as EWEB's Chief Energy Officer at the beginning of July 2021, and he recognized her for her dedication to the utility, especially her work with the energy group, and on regional energy planning.

President Schlossberg asked Mr. Lawson about the date of the upriver meeting—she said, to her knowledge it was on June 15, not June 18, 2021.

Mr. Lawson said that was correct and apologized for the mistake.

Public Input via Telephone/Public Input Reading

Tana Shepard of Eugene, and representing School District 4J (SD4J), thanked EWEB for its continued support of the school district. She offered that EWEB's support made possible more, and more in-depth science studies in the elementary and middle schools of SD4J. Ms. Shepard mentioned solar and electric car-building, SD4J's Salmon Education Program, and the 4J Climate Justice Team as being made possible through the school district's partnership with EWEB.

Cathy Bechen of Eugene and representing Bethel School District (BSD) thanked EWEB for its support of BSD. Ms. Bechen said, thanks to grant funding from EWEB, BSD was able to provide students with materials for hands-on learning at home, virtual field trips, and emergency preparedness plans.

Pamela Fallon of Blue River and representing the McKenzie School District (MSD) thanked EWEB for its support of MSD. Ms. Fallon offered the Board a brief report on some of the projects the students of MSD were working on including: a sixth-grade future energy program, a second-grade riparian fern-propagating project, and a middle school pollinating garden.

Stephen Anderson of Eugene expressed disappointment and frustration at EWEB's sudden decision to install both storage tanks simultaneously, as part of the E. 40th and Hilyard water storage project. He said EWEB had decided to change plans suddenly, deciding to install both tanks simultaneously, instead—as discussed earlier—placing the tanks one at a time over the span of a decade, and Mr. Anderson asserted, the utility changed those plans with zero input from the community. He wondered why EWEB was suddenly so concerned with overbuilding in south Eugene, when there was actual danger to residents around the College Hill and Hawkins Hill sites in the event of an earthquake. Mr. Anderson implored EWEB to revert to its earlier decision to build one tank at a time in the E. 40th and Hilyard; he said that once the residents of south Eugene discovered EWEB's plans for this site, they would be outraged.

Commissioner Barofsky said he was glad to receive the information about EWEB's grant programs and the impact it has on youth regionally.

Mr. Lawson said EWEB's education grant funding would be included as appendices in the Q3 report.

Approval of Consent Calendar – A MINUTES AND ROUTINE CONTRACTS MINUTES

- 1. a. April 20, 2021 Work Session**
- b. May 4, 2021 Executive Session**
- c. May 4, 2021 Regular Session**

CONTRACTS

2. Jacobs dba CH2M Hill Engineers Inc. - Task Order (B-4) for Engineering Services for the Carmen-Smith Load Bank. \$1,466,254 (Original contract \$10,000,000. Resulting cumulative Task Order total \$7,974,782) Based on Qualifications Based Selection (QBS).

3. Jacobs dba CH2M Hill Engineers Inc.- Task Order (S-1) for Engineering Services for the CS Smith Spillway Expansion and Flow Release Structure and to increase the authorized amount of Contract 080-2018 by the same amount. \$2,085,759 (Original contract \$10,000,000. Resulting cumulative Task Order total \$10,060,541 and resulting cumulative total Contract amount \$12,000,000 based on Qualifications Based Selection [QBS]).

4. JR Merit, Inc.- for Construction Services at the Trail Bridge Intake Gate. \$264,445. Based on a Formal Invitation to Bid.

Commissioner Barofsky moved to approve Consent Calendar – B. The motion passed unanimously 5:0.

Approval of Consent Calendar – B Non-Routine Contracts and Other Consent Items

RESOLUTIONS

5. Resolution No. 2111 - Highest and Best Use of Reserves.

Vice President Brown wished to pull Consent Calendar – B, Item 5., Resolution No. 2111. He wondered if the \$7 million earmarked for habitat restoration work up the McKenzie River would be in addition to the funds the Board previously approved, or would it be redirected to other uses once EWEB receives the revenue from the meter fee.

Ms. Hart clarified that it was only a matter of timing and EWEB would not be spending an additional amount.

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

Information Services Technology Investment Planning - Organizational Goal 4c

Mr. Knabe offered the Board a report and PowerPoint presentation on Information Services Technology investment planning - Organizational Goal 4c.

Commissioner Carlson asked if the new Customer Information System (CIS) work EWEB was undertaking was a reiteration of the utility's former CIS work.

Mr. Lawson said the upcoming CIS work would ultimately be a replacement of the ancient CIS system that Commissioner Carlson referred to. We deferred a portion of

that work, in the meantime we have pursued some components of a customer system, such as billing.

Commissioner Carlson wondered if the improvements currently being made to EWEB's billing system were connected to this new CIS work.

Mr. Knabe said the new customer portal did rely heavily on CIS. He added that however EWEB modernizes its CIS, the customer portal would have to be adjusted to communicate with the new system.

Commissioner Carlson wondered how they could ensure this new CIS product would be successful.

Mr. Knabe assured the Board that, although he had only been with the utility for five years, he understood technology, and the team he helped assemble within EWEB Operations had seen great success.

Commissioner Barofsky said he was in support of EWEB's Information Services Technology investment planning as presented, adding that future EWEB Boards would be having this very conversation due to the rapidly-changing nature of the information technology world.

Vice President Brown wondered, given the rapidly evolving nature of technology, and CIS specifically, and the time required for systems integration, how the utility would ensure that new technology was not already halfway through its economic life by the time it is implemented.

Mr. Knabe replied that an integrated solution was preferable because different systems and different components of systems could all upgrade together.

Mr. Lawson added that in the future, the time required for systems integration would lessen, until eventually, the process would be nearly automatic.

Vice President Brown expressed support for EWEB's Information Services Technology investment planning as presented.

Capital Improvement Plan Assumptions and Principles

Mr. Lawson and Mr. Price offered the Board a report and PowerPoint presentation on the assumptions and principles of EWEB's Capital Improvement Plan (CIP).

Vice President Brown expressed concern over the possibility that EWEB would be replacing parts of its system that did not necessarily need replacing.

Mr. Price offered the utility had been working toward tying reliability to its system, with a focus on aging equipment that may need to be replaced in the near future.

Mr. Lawson added that it was important to keep separate EWEB's capacity-related work, and work focused on "right-sizing" the system and resiliency.

Commissioner McRae wondered if it was possible to get further background information from staff about the CIP a little earlier than originally planned. He also asked if the CIP was tied to EWEB's Integrated Resource Plan (IRP), and if they were possibly informing each other.

Mr. Lawson said the IRP should definitely inform the CIP. He added the completed IRP would probably be finished in early 2023, after the utility looks at consumption in 2021, and the characteristics of the generating resources the utility needs in 2022.

Commissioner Barofsky agreed with Commissioner McRae about wanting to receive the CIP background information earlier than originally planned, especially if the Board was to approve the CIP next month.

Mr. Lawson clarified that it was not an approval of the CIP itself that staff was looking for, but more of a gauge of the Board's comfortability in moving in the direction discussed in the CIP background information, and, ultimately, the CIP itself.

Commissioner Barofsky asked if Leaburg canal would be considered Type II or Type III, and would it fall into both the Water and Generation categories.

Mr. Price said Leaburg canal was in the Generation category. He added staff would be talking to the Board in-depth about Leaburg in the next couple of months.

President Schlossberg offered that July's Board meeting was already packed with dense subject matter, and the CIP should be discussed earlier in the meeting rather than later, due to natural fatigue of long meetings.

Break

President Schlossberg called for a break at 7:11. She reconvened the meeting at 7:16

Headquarters Buildings and Associated Real Property Disposition

Mr. Lawson offered the Board a report and PowerPoint presentation on the disposition of the headquarters buildings and associated real property.

Vice President Brown asked about a specific piece of the property in question to the north of the Headquarters Building (HQ), just to the west of the Ferry Street Bridge.

Mr. Lawson replied that EWEB did not own that particular property.

Vice President Brown asked how many acres that particular property was.

Mr. Lawson said he did not know.

Vice President Brown offered that EWEB had invested a lot of capital into the building in question, and he would be interested in perhaps a cost-hold analysis, because, in his opinion, it may be better to keep and maintain the building until the riverfront area is more developed—if financially feasible.

Mr. Lawson said he would find the information detailing how much the utility invested in the building, and he and staff could work on a cost analysis for holding onto the building.

On the subject of the same building, Commissioner Carlson wondered at the amount of the lease, and if the renters were interested in continuing it, considering the lease was up in four months.

Mr. Lawson said he did not believe the current tenants planned to extend the lease, and the lease itself would expire in October 2021. He added the rental market is another facet staff could explore around the building.

Commissioner Barofsky said that he would like to see the building held and maintained, preferably by a community organization, like a local government agency, or perhaps the University. He said he would consider renting the building to new tenants, especially if said tenants could cover the building's expenses for the next three to five years, due to the likelihood of the building's value increasing over time. Lastly, Commissioner Barofsky said he would feel more comfortable with community involvement in decisions like this.

Mr. Lawson asked Vice President Brown and Commissioner Carlson if they agreed with Commissioner Barofsky on who potential tenants should be, or if they were more interested in holding the property until maximum value could be obtained for it.

Vice President Brown said he was worried that if EWEB focused on community organizations as new tenants for the building, the utility would get bogged down with years of planning and committees, and that would not be fair to ratepayers in other parts of EWEB's service area who are not directly benefitting from keeping and maintaining the building.

Commissioner Carlson said she was not opposed to inviting a community organization into the building, but she would want to know how long that process would be.

Mr. Lawson assured Commissioner Carlson that he would add that to the query he and staff were going to begin working on as stated earlier.

Commissioner McRae said he would be interested in seeing the analysis or report that Mr. Lawson and staff put together.

President Schlossberg said that while she was not in support of any sort of long, drawn-out process that would tie the property up indefinitely, she would be willing to reach out

to a finite number of local community organizations about possibly moving into the building.

Mr. Lawson said that he and staff would look carefully at the property—including its rental potential—adding there were still EWEB staff and operations inside the building that could take a year to 18 months to completely move out.

Correspondence & Board Agendas

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

Commissioner Carlson wondered if the three additional items under the Mission Statement on the "Assessing the Mission" correspondence were just added to explain the utility's mission.

Mr. Lawson said that was correct; they were specific to that particular document.

President Schlossberg reiterated the importance of getting the Board packet for the July meeting out to the Board as soon as possible.

Mr. Lawson said that he would pass the Board's request on to staff, and they would do their best to get them the packet early, but he did not know the feasibility until speaking with staff.

President Schlossberg adjourned the meeting at 7:46 p.m.

Recorded by Rodney Cimburke

Assistant Secretary

President

EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a contract with **Burns & McDonnell Engineering Company, Inc.** for engineering design services.

Board Meeting Date: July 6, 2021

Project Name/Contract #: Currin Substation Design / 21-102-Q

Primary Contact: Rod Price Ext. 7122

Contract Amount:

Original Contract Amount: \$650,000

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 0%

Amount this Request: \$650,000

Resulting Cumulative Total: \$650,000

Contracting Method:

Method of Solicitation: Formal Request for Proposals – Qualification Based Selection

If applicable, basis for exemption: N/A

Term of Agreement: February 1, 2023 completion

Option to Renew? No

Approval for purchases “as needed” for the life of the Contract Yes No

Proposals Received (Range): 4 (\$481,400 to \$648,300)

Selection Basis: Qualification Based Selection (QBS process)

Narrative:

Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve a new engineering consulting services contract with Burns & McDonnell Engineering Company, Inc. for the Currin Substation Rebuild project.

Burns & McDonnell was selected following the issuing of RFP 21-102-Q which sought to contract major engineering services required for the rebuild of the existing Currin Substation due to internal staffing not having the resources to complete a project to this scale while remaining attentive to O&M responsibilities. Burns & McDonnell was selected due to their experience on projects of similar and larger complexity as Currin Substation from concept design through construction.

Currin Substation is a major piece of the “resilient spine” for the Central Zone of EWEB’s electric system

as illustrated in the Electric System Master Plan from 2016, providing one of the connections to BPA and the Upriver territory. This rebuild will standardize the design and improve the reliability of the transmission equipment and the distribution equipment. This station is beyond useful life (based on age and condition) and has been prioritized for a full rebuild due to the extent of work required. In order to avoid customer impacts due to equipment failures at the station, and to increase the resiliency of EWEB's electric system, this station is the next planned for rebuild in EWEB's capital program. The design and procurement of this project will take place in 2021 into mid-2022, with construction starting in late 2022 or early 2023 depending on the full scope of work and construction contractor availability.

Contracted Goods or Services

The consultant will provide engineering services in six Task Orders (TO):

TO#1 includes general project management including design/progress updates, design schedule, budget tracking, project meetings, design reviews, and quality assurance measures.

TO#2 includes project kickoff, development of the site plan, refining the EWEB budget estimate, and developing a construction schedule based on past projects of similar scope.

TO#3 includes all Civil/Mechanical aspects of design including a Geotechnical study, substructure design, foundation and structure review/design, and oil containment.

TO#4 includes all Electrical aspects of design including development of Engineering Standards for the new Currin Substation, electrical schematic and wiring drawings, communications schematics, and evaluation and expansion of the ground mat.

TO#5 includes development of construction specifications to be used in an upcoming Construction Contract. Existing construction specifications will be reviewed, and new specifications created specific to the needs at Currin.

TO#6 includes engineering support during Civil construction including responding to Construction Contractor RFI, site inspections as requested, and approving design changes as required.

The total fee estimate for all six TOs is \$650,000. TO 2 through TO 5 are expected to be completed by February 2022. TO 6 will depend on the duration of Civil construction but is expected to be complete by February 2023.

Prior Contract Activities

None.

Purchasing Process

In May 2021, Purchasing initiated a formal Request for Proposals (RFP) using the Qualifications Based Selection (QBS) process for engineering services for design to replace the Currin Substation in Eugene, OR. Proposals were received from four (4) firms Burns & McDonnell engineering Company, Inc., Black & Veatch Corporation, ESP Engineering & Design, and Sargent & Lundy LLC. Burns & McDonnell and Black & Veatch were deemed responsive and responsible. ESP Engineering and Design and Sargent & Lundy did not submit all the required documentation and were deemed non-responsive.

The proposals were evaluated by an EWEB selection team. The maximum number of possible points for

written responses was 85, using the following criteria: Minimum Qualifications (Pass / No Pass – Not scored), Design Philosophy & Approach (10 points), Key Staff Experience (35 points), Resources Available to Perform Work (15 points), On-Time/On-Budget (15 points), and Licensure/Certification (10 points).

Both Burns & McDonnell and Black & Veatch were moved forward in the process and were asked to submit pricing for all task orders under the proposed contract. Maximum points possible for pricing was 15, for a total of 100 possible points. Burns & McDonnell Engineering Company, Inc. was selected as offering the best overall value of quality service and price, consistent with QBS criteria.

Vendor Name	City, State	Ranking (for Request For Proposals)
Burns McDonnell	Vancouver, WA	1
Black & Veatch	Tualatin, OR	2

ACTION REQUESTED:

Management requests the Board approve the contract with Burns & McDonnell Engineering Company, Inc. for engineering design services. Funding for this project is within the Electric T&D Type 2 Strategic Project(s) Capital Budgets of which \$760,000 was budgeted for 2021 and \$3,000,000 for 2022, and \$5,750,000 is planned to complete the project in 2023. 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 **Dudek** for cultural research services.

Board Meeting Date: July 6, 2021

Project Name/Contract #: Cultural Research Services / 21-076-PSC

Primary Contact: Rod Price Ext. 7122

Contract Amount:

Original Contract Amount: \$160,000 (over 5 years)

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 0%

Amount this Request: \$160,000

Resulting Cumulative Total: \$160,000 (over 5 years)

Contracting Method:

Method of Solicitation: Formal Request for Proposals – Personal Services

If applicable, basis for exemption: N/A

Term of Agreement: Up to 5 years

Option to Renew? No

Approval for purchases “as needed” for the life of the Contract Yes No

Proposals Received (Range): 3 (\$39,983 to \$106,520; for one task order only)

Selection Basis: Highest scoring response for overall quality and price

Narrative:

Operational Requirement and Alignment with Strategic Plan

The McKenzie River is the sole source of drinking water for nearly 200,000 people in the City of Eugene. In September 2020, the Holiday Farm Fire burned over 170,000 acres (over 20%) of the McKenzie River Watershed and destroyed over 400 homes. EWEB and the Pure Water Partners are focusing on implementing large scale floodplain restoration projects in key areas of the watershed to mitigate and buffer the impacts of upstream fire impacted landscapes on water quality. These projects are part of multiple FEMA Hazard Mitigation Grant Program (HMGP) funding requests and as a result need to follow FEMA policies for restoration work that results in ground disturbances, including conducting cultural resource surveys to identify culturally significant artifacts ahead of construction. As a result, EWEB requires cultural resource surveys in areas where current and future large scale floodplain restoration designs are or will be developed (Finn Rock Reach, Quartz Creek, Gate Creek, Ennis Creek, etc.) to mitigate the wildfire areas that impact the watershed and drinking water for the City of Eugene.

The Board is being asked to approve a new Personal Services contract with Dudek of Portland, Oregon, for providing cultural resource surveys that support FEMA funding requests for design and implementation of large-scale floodplain restoration projects. The first Task Order to be issued is for Dudek to conduct cultural resource surveys on Finn Rock Reach and Quartz Creek floodplain project areas that are undergoing design ahead of the FEMA HMGP Project funding request due January 2022 to meet one of the FEMA requirements for receiving funding.

Contracted Goods or Services

The Consultant will provide cultural resource survey services required to support planning and implementation of various FEMA funded floodplain restoration projects in response to the Holiday Farm Fire impacts to the McKenzie Watershed. Cultural resource surveys include having archeologists conduct pedestrian surveys along transect lines that are spaced 20 meters apart to systematically investigate the ground for potential presence of artifacts and conducting shovel probes of areas that are deemed high probability for buried archeological resources. In addition, areas of disturbance (cut banks, road cuts, ditches, erosion features, etc.) will be investigated regardless of transects.

The total fee estimate is \$160,000, which includes conducting up to 4 cultural resource surveys on large scale floodplain areas and providing documentation and recommendations for protecting these important cultural artifacts per federal and State cultural and historic preservation laws. The contract amounts are based upon pricing negotiated for the first Task Order (Finn Rock Reach and Quartz Creek), with estimates created for the remaining three tasks. These additional task orders will be assigned on an as-needed basis. EWEB and the Contractor will negotiate each Scope of Work, staffing plan, delivery schedule, and compensation for each Task Order prior to the work being performed.

Dudek billing rates are consistent with competing firms in the Pacific Northwest and as compared to other firms currently doing similar work for EWEB.

Prior Contract Activities

None

Purchasing Process

In April 2021, Purchasing initiated a formal Request for Proposals (RFP) process for cultural research services. Proposals were received from three firms. All firms were responsive and responsible.

The proposals were evaluated by an EWEB evaluation team. The maximum number of possible points was 100, using the following criteria: Minimum Qualifications (Pass / No Pass – Not scored), Project Understanding & Approach (20 points), Staff Resources/Project Management (30 points), Key Staff Qualifications (20 points), and Pricing (30 points).

Dudek was selected as the highest rated proposer and staff have issued an intent to award the contract. Dudek's proposal was found to be responsive and responsible. Since EWEB has no prior contract history with Dudek, references were called and all three gave highly favorable recommendations.

Vendor Name	City, State	Ranking (for Request For Proposals)
Dudek	Portland, OR	1
ASM Affiliates	Eugene, OR	2
Historical Research Associates	Eugene, OR	3

ACTION REQUESTED:

Management requests the Board approve a contract with Dudek for cultural research services. Approximately \$160,000 was planned for these goods or services in the Holiday Farm Fire Restoration 2021 budget of \$3.9 million. 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 (**D2 Amendment 5**) with **JACOBS** dba CH2M Hill Engineers Inc. for Engineering Services for the CS Downstream Fish Passage.

Board Meeting Date: July 6, 2021

Project Name/Contract #: D2 Amendment 5

Contract #018-2018 Carmen-Smith Fish Passage Facilities

Primary Contact: Rod Price Ext. 7122

Contract Amount:

Original Contract Amount: \$ 12,000,000

Task Orders and Amendments Previously Approved: \$ 10,497,922

Invoices over last approval: \$ 0

Percentage over last approval: 0 %

Amount this Request: \$ 273,552

Resulting Cumulative Task Order Total: \$ 10,771,474

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? No

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 D2 Amendment 5 with JACOBS, of Corvallis, Oregon. This amendment supports additional dam safety regulatory review and subsequent design changes that result in reduced dam safety risk. Recent spillway failures at other facilities has focused dam safety attention and subsequent investigations and design changes on similar facilities.

Contracted Goods or Services

Jacobs will prepare final designs, specifications, and support planning and scheduling estimates for the 100% Design documents for the Downstream Fish Passage facilities.

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 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
D-2	3	\$ 206,173	11/18/2020	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
B-4		\$1,466,254	6/1/2021	Board
S-1		\$2,085,759	6/1/2021	Board
FRS-1	1	\$231,208	7/6/2021	Pending Board

\$10,497,922

*Task Order D-2, Amendment 4 is being negotiated and is expected to be approved by Staff

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 D2 Amendment 5 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 2021-2022 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 (**FRS-1 Amendment 1**) with **JACOBS** dba CH2M Hill Engineers Inc. for Engineering Services for the CS Smith Spillway Expansion and Flow Release Structure.

Board Meeting Date: July 6, 2021

Project Name/Contract #: FRS-1 Amendment 1

Contract #018-2018 Carmen-Smith Fish Passage Facilities

Primary Contact: Rod Price Ext. 7122

Contract Amount:

Original Contract Amount: \$ 12,000,000

Task Orders and Amendments Previously Approved: \$ 10,266,714

Invoices over last approval: \$ 0

Percentage over last approval: 0 %

Amount this Request: \$231,208

Resulting Cumulative Task Order Total: \$10,497,922

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? No

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 FRS- Amendment 1 with JACOBS, of Corvallis, Oregon. As initially drafted, the task order for the flow release system addressed only the requirement to release water within the existing spillway to support aquatic habitat below Carmen Diversion. Recent spillway failures at other facilities has focused dam safety attention and subsequent investigations and design changes on similar facilities. This amendment supports the design changes and regulatory reviews to address dam safety risk and manage the elevation of the reservoir under a 10-year flood event while still diverting water for power generation.

Contracted Goods or Services

Jacobs will prepare final designs, specifications, and support planning and scheduling estimates for the flow release structure. The ability to more effectively release water and manage the reservoir elevation addresses a significant dam safety concern associated with sink holes in the Carmen Diversion Reservoir.

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 Agreement and acceptable insurance certificates have been received.

Prior Contract Activities

Revised August 2017

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\$10,266,714

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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) and this amendment
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 FRS-1 Amendment 1 of the Carmen Smith Fish Passage Facilities contract with Jacobs, for final design services for the Carmen Diversion Flow Release Project. Approximately \$300,000 was planned for these services in the Carmen – Smith License Deployment Department in the 2021-2022 Electric Capital Budget. Variances will be managed within the budget process and Board policy.