

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: August 3, 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.