

EWEB Board Consent Calendar Request

For Contract Awards, Task Orders, Renewals, and Increases

The Board is being asked to approve a TASK ORDER (B-3) with **JACOBS** dba CH2M Hill Engineers Inc. for Phase 2 engineering services for the 800 CFS Bypass project – 30% design.

Board Meeting Date: February 02, 2021

Project Name/Contract #: 800 CFS Bypass – 30%Design Services – Phase 2, Task B-3

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: \$ 6,036,500

Invoices over last approval: \$ 0

Percentage over last approval: 0 %

Amount this Request: \$ 472,028

Resulting Cumulative Task Order Total: \$ 6,508,528

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-3 of Contract 080-2018 with JACOBS, of Corvallis, Oregon. Task Order B-3 will authorize phase 2 of the design of two alternative solutions for the Bypass Valve project to a 30% design level. Phase 1 (B2) of the design was approved via staff authorization. After the final alternative is determined based on the 30% design work, a subsequent Task Order will be prepared for final design services and brought to the Board for approval. This Task Order B-3 implements a required project of the new operating license for the Carmen-Smith Project, and the *Amended and Restated Settlement Agreement* that was executed in November 2016.

Contracted Goods or Services

Jacobs will prepare 30% design documentation and cost estimates for two alternatives capable of achieving required flow reductions in the Smith Bypass Reach below Smith Dam, as required by the license and Settlement Agreement. Alternative 1 is a Load Bank that allows the Carmen powerplant to operate at approximately 1100 CFS during a transmission line outage. Alternative 2 is a bypass pipe connected to the penstock upstream of the powerhouse allowing a bypass flow of approximately 1100 CFS. Both alternatives meet the intent of the license required bypass project. Final selection of the alternative to advance to final design and construction will be determined based on cost, constructability, and operational considerations.

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	1/14/21	Staff
		\$6,036,500		

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 design (Task Order FRS-1)
10. Smith Flow Release Structure design (future Task Order)
11. 800 CFS Bypass Alternatives Evaluation (Task Order B-1)
12. 800 CFS Bypass 30% Design (Task Order B-2 and this Task Order B-3)
13. 800 CFS Bypass Final Design (future Task Order)

ACTION REQUESTED:

Management requests the Board approve Task Order B-3 of the Carmen Smith Fish Passage Facilities contract with Jacobs, for 30% design services for the Bypass Valve project. Approximately \$300,000 was planned for these services in the Carmen – Smith License Deployment Department in the 2021 Electric Capital Budget. Variances will be managed within the budget process and Board policy.