

## **EWEB Board Consent Calendar Request**

*For Contract Increases*

The Board is being asked to approve additional funds for construction services with Northbank Civil and Marine, Inc. of Vancouver, WA. At the Carmen-Smith Project.

Board Meeting Date: 7/16/2019

Project Name/Contract #: 015-2019 Smith Intake Gate & Hoist Refurbishment

Primary Contact: Susan Ackerman Ext. 7185

### **Contract Amount:**

Original Contract Amount: \$435,460

Term of Agreement: **One-time Purchase (Construction & Installation Services)**

Additional \$ Previously Approved: \$0

Invoices over last approval: \$0

Percentage over last approval: 25%

Amount this Request: \$109,200

**Resulting Cumulative Total:** \$544,660

### **Contracting Method:**

Method of Solicitation: Formal Invitation to Bid

If applicable, basis for exemption: N/A

Option to Renew? No

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

Proposals/Bids Received (Range): 2 - \$397,700 and \$546,064

Selection Basis: Lowest Responsible and Responsive Bidder

### **Narrative:**

#### Operational Requirement and Alignment with Strategic Plan

The Smith Intake gate and hoist system was installed in 1963 and functions as an isolation and emergency closure device for the Smith Power Tunnel and Carmen Penstock. Inspections have indicated that equipment has degraded from exposure to extreme weather and must be replaced or overhauled in order to operate reliably for another 40 years. Optional Bid Item 101 has been selected as the price is considered acceptable for the design and replacement of a fan brake which is a critical piece of equipment in the event of a brake failure. The designs, labor, parts, and materials to be procured with this contract are necessary for continued reliable protection and servicing of the Carmen-Smith tunnel and penstock.

#### Additional Work Needed:

The scope of work for the gate and hoist refurbishment was developed around preliminary condition assessments of the equipment and mainly relied on visual inspections. A detailed condition assessment of many components was not practical until disassembly of the equipment and removal of lead paint. It is during these detailed condition assessments that unexpected corrosion and wear has been discovered on various components, requiring repair or replacement. While there are small components that were found in need of replacement, the most critical are the sheaves and gate wheels. Once the lead paint was removed, degradation was found to be unacceptable for continued use. This overhaul is the first major maintenance in over 50 years and with these replacements, at least another 40 years of life can be expected.

EWEB staff requests additional funds to be added to the contract as soon as possible to allow the Contractor to perform the repairs and replacements as necessary to complete the project according to the existing completion

deadline. Postponement of approval can lead to schedule delays that can delay other powerhouse projects or would require expensive remobilization next year.

The additional repairs will bring this refurbishment project over budget, but help balance the Generation Department budget in 2019 due to underspending on other projects.

Contracted Goods or Services

Overall project objectives are to remove machinery and equipment, refurbishment, purchase new equipment, painting, installing, and testing.

Purchasing Process

Staff issued a formal Invitation to Bid on March 11, 2019. The bid was posted on the bid site for the state of Oregon (ORPIN), as well as advertised in the Portland Daily Journal of Commerce. Four (4) companies attended the mandatory pre-bid meeting. There were a good deal of questions from perspective contractors that were responded to via the addenda process. Two bids were received from Northbank Civil and Marine of Vancouver, WA and Knight Construction of Deer Park, WA. Northbank Civil and Marine submitted the lowest bid and was found to be Responsive and Responsible. If approved, Northbank Civil and Marine will provide construction services, as specified in the solicitation documents

Bidder/Proposer Information

Northbank Civil and Marine  
Knight Construction

Bidder/Proposer Location

Vancouver, WA  
Deer Park, WA

Prior Contract Activities

None

**ACTION REQUESTED:**

Management requests the Board approve an increase to the contract for construction services with Northbank Civil and Marine of Vancouver, WA.