

# Staff Report

for the Regular Meeting of the Board of Directors, September 12, 2018

**TO:** Board of Directors

**FROM:** Gary D. King, PhD, PE, Engineering Manager  
Doug Hobbs, PE, Senior Engineer

**DATE:** September 4, 2018

**SUBJECT:** **Combie South Powerhouse Trash Rack Installation (FATR #2163)**

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***ENGINEERING***

**RECOMMENDATION:**

Approve a contract with NMI Industrial in the amount of \$111,354.00 for installation of a trash rack for the Combie South Powerhouse and authorize the General Manager to execute the necessary documents.

**BACKGROUND:**

The trash rack is mounted to the face of Combie Dam over the intake to the south powerhouse penstock. The existing trash rack is badly deteriorated and the cleaning system does not adequately remove debris. Proper debris removal is necessary to protect hydroelectric facilities. The new trash rack will support an automated cleaning rake that is currently being fabricated. A contract for the fabrication of the trash rack structure was awarded previously to Unico Mechanical Corp. in the amount of \$326,800. This contract is for the removal of the existing trash rack, modifying the existing footing, erecting the new trash rack and placing the automated rake. Hydro maintenance staff will install the power and controls for the rake. The work requires lowering Combie Reservoir and is scheduled for this October.

Quotes were requested from four firms, and the following three quotes were received:

NMI Industrial	\$ 111,354.00
Syblon Reid	\$ 213,328.00
TCB Industrial	\$ 293,015.00

Staff recommends that the Board award the installation contract to NMI Industrial in the amount of \$111,354.00.

**BUDGET IMPACTS:**

Funding for the project comes from capital program 50112-52920, Powerhouse Improvements. The program currently has \$485,000 and will have \$374,000 remaining 2018 funds following award of this contract. Some of the projects in the program have been postponed creating additional funding for this project.