

Staff Report

for the Regular Meeting of the Board of Directors, August 22, 2018

TO: Board of Directors

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

DATE: August 14, 2018

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

ENGINEERING

RECOMMENDATION:

Approve a contract with Unico Mechanical Corp. in the amount of \$326,800 for fabrication of a trash rack for the Combie South Powerhouse, and authorize the General Manager to sign the appropriate 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 separate installation contract will be awarded to remove the existing trash rack, modify the existing footing, erect the new trash rack and place 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 five firms, and the following two quotes were received:

Tri Star Metals.	\$ 273,657.00
Unico Mechanical Corp.	\$ 326,800.00

Tri Star Metals cannot confirm delivery for the October construction window therefore, Staff recommends that the Board award the fabrication contract to Unico Mechanical Corp. in the amount of \$326,800.00.

BUDGET IMPACTS:

Funding for the project comes from program 50112-52920. The program has \$776,000.00 remaining for 2018. Some of the projects in the program have been postponed creating additional funding for this project.