

Staff Report

TO: Board of Directors

FROM: Keane Sommers, P.E., Director of Power Systems
Phil Nedved, Maintenance Superintendent

DATE: April 26, 2023

SUBJECT: **Battery Bank Replacement Chicago Park and Dutch Flat #2 Powerhouses (Consent)**

HYDROELECTRIC

RECOMMENDATION:

Approve a sole-source agreement in the amount of \$188,184.80 and a contingency of \$18,818.48 to Skyler Electric and authorize the General Manager to execute the appropriate documents.

BACKGROUND:

The main battery banks and associated battery chargers at Chicago Park and Dutch Flat #2 Powerhouses have reached the end of their useful life. Given the age of the batteries and the critical safety importance of the system it is necessary to replace the entire battery system.

NID Hydro has developed a standard to use KCR flooded batteries by C&D technologies given their technology and long service life. The new batteries are expected to have a service life of approximately 20 years.

Staff reached out to the two local representatives of C&D Technologies and requested a proposal for materials (including the batteries, racks, chargers, and spill containment) and services (including removal and disposal of existing batteries, precharging, installation, and testing). The low bid for the project was received from Skyler Electric.

American PowerSystems	
Dutch Flat Powerhouse	
Materials	\$70,399.00
Labor	\$61,700.00

Skyler Electric	
Dutch Flat Powerhouse	
Materials	\$82,092.40
Labor	\$12,000.00

Chicago Park Powerhouse	
Materials	\$69,399.00
Labor	\$58,450.00
Total	\$259,948.00

Chicago Park Powerhouse	
Materials	\$82,092.40
Labor	\$12,000.00
Total	\$188,184.80

Skyler Electric is a certified C&D Technologies representative who is familiar with NID’s hydroelectric facilities and can respond timely to this replacement. Being a certified C&D Technologies representative Skyler is authorized to recycle the dated batteries as opposed to disposal.

This sole source award for the battery components complies with the following District Procurement Policy Section:

3080.3.J.2 In order to match other products in use on a particular public improvement either completed or in the course of completion

BUDGETARY IMPACT:

The 2023 Hydroelectric Maintenance Department Budget includes \$220,000 for the materials and labor cost of this purchase.

Fund	Account	Amount
50	50167-52504	\$164,184.80
50	50167-52615	\$24,000.00
50	50167-Contingency	\$18,818.48
	Total	\$207,003.28