

Staff Report

for the Board of Director's Meeting of October 26, 2016

TO: Board of Directors

FROM: Gary D. King, Engineering Manager
Adrian Schneider, Senior Engineer

DATE: October 18, 2016

SUBJECT: Chicago Park Powerhouse Switchboard and Relay Upgrade Project

ENGINEERING

RECOMMENDATION:

Award contract to Mesa Associates, Inc. for the Chicago Park Powerhouse Switchboard and Relay Upgrade Project in the amount of \$396,568 and authorize the General Manager to execute the necessary documents.

BACKGROUND:

The Chicago Park Powerhouse (Powerhouse) is one of the District's seven powerhouses with a capacity of 39 megawatts and was placed in service in 1966. Portions of its older components need to be upgraded to match current technologies and therefore; eliminate reliability deficiencies, support current maintenance and troubleshooting capabilities, and improve operational ease and monitoring. The Powerhouse's voltage regulator was upgraded in September 2016. Additional work is being conducted to upgrade the Powerhouse's Switchboard and Relay in 2017.

HDR is under contract with the District to provide design documents and has assisted with the bidding of a company to build and install equipment for the Powerhouse switchboard and relay upgrade. A request for quotes was sent to five vendors on September 13, 2016; Mesa Associates Inc., Bat Electric, AC Electric, Canus, and Industrial Electric Mfg. On October 14, 2016 one quote was received from Mesa Associates Inc.

The proposal/contract amount is for \$396,568 and includes off-site fabrication of the equipment, shipping, installation of the equipment, and start up testing for the project. Staff recommends that the Board approve the contract amount for \$396,568.

BUDGETARY IMPACT:

This Project is included within the 2016 Hydroelectric Administration Budget (52920).