

**Agenda Item:** Consider award of construction contract for Power Monitoring Upgrade Project.

**Objective:** Provide the Board a summary of the Power Monitoring Upgrade bid opening for the purpose of recommending award of a construction contract.

**Background:** The District's Point of the Mountain Water Treatment Plant was constructed in 2004-2007. Existing instrumentation equipment as well as programmable logic controllers (PLCs) are nearing or at the end of their design life, with portions of the system actively failing. The Power Monitoring Upgrade project includes the installation of power monitoring equipment and replacement of motor starters, variable frequency drives (VFDs) and PLCs along with the construction of necessary communication network infrastructure to transition from the current communication protocol to Ethernet/Internet Protocol (IP).

Preliminary design of the Power Monitoring Upgrade was completed in June 2017. Final design was completed in September 2018. The project began advertisement on September 6. A mandatory pre-bid meeting was held on September 20; six contractors were represented.

The bid opening occurred on October 2. Three bids were received as follows:

<b>Bidder</b>	<b>Bid</b>
Double D Electrical & Instrumentation	\$1,487,108.00
S&S Electric	\$831,277.00
Energy Management Corporation	\$459,710.00
Engineer Estimate	\$850,000.00

Given the wide variance in the bids received, staff met with Energy Management Corporation on October 16 to determine bid responsiveness. Staff is comfortable with the bid and project approach presented by Energy Management Corporation.

**Committee Activity:** This project was previously discussed with the Engineering Committee on August 28, October 4 and November 1. Engineering Committee recommends this project be awarded to Energy Management Corporation.

**Options for Consideration:** Options for consideration include:

1. Award of the Power Monitoring Upgrade project to Energy Management Corporation for \$459,710.
2. Do not award the project. Rebid the project for award in January/February.
3. Do not award the project. Staff will complete the project in-house.
4. Other options as determined by the Board.

**Recommendation:** Staff recommends award of the Power Monitoring Upgrade project to Energy Management Corporation for \$459,710 (Option 1).