

ITEM#: 4
DATE: 12-20-22
DEPT: W&PC

COUNCIL ACTION FORM

SUBJECT: SAM PUMP STATION STANDBY GENERATOR – NOTICE TO BIDDERS

BACKGROUND:

In 2003, the water distribution system was split into two separate pressure zones to accommodate growth in the west and southwest portions of the city. To provide the increased pressure to the new western pressure zone, a booster pump station was built at the intersection of State Avenue and Mortensen Road.

This project will install standby power at the pump station. It incorporates the Iowa DNR's Water Supply Design Standards that state "...Dedicated standby power shall be required so that water may be pumped to the distribution system during power outages to meet the average day demand..." As growth in the western pressure zone continues to increase, it is important to add standby power at the pump station site. Note that this project was intentionally accelerated in the FY 2022/23 CIP as a result of the derecho storm event of 2020.

Estimated Total Project Expense

Engineering	\$ 37,250
Construction (Engineer's Estimate + 15% Contingency)	\$ 187,450
Total Estimated Expense	\$ 224,700

The FY 2022/23 amended budget includes \$225,000 for this work. The design work is complete and ready for preliminary approval and issuance of a Notice to Bidders.

ALTERNATIVES:

1. Approve plans and specifications and issue a Notice to Bidders, establishing January 25, 2023, as bid due date and February 14, 2023, as the date of public hearing.
2. Do not approve the plans and specifications and a Notice to Bidders.

CITY MANAGER'S RECOMMENDED ACTION:

Having standby power available for critical infrastructure is important for the water utility to provide a consistently reliable level of service, especially during natural disasters. Funding has been allocated in the Capital Improvement Plan for a standby generator at the SAM Booster Pump Station. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.