



## CITY COUNCIL COMMUNICATION

**DATE:** September 02, 2025

**FROM:** Jim Bolz, Director of Public Works

**AGENDA ITEM:** Consideration and possible action on approving a proposal from C&G Electric, an approved BuyBoard vendor, for installation of a new 250 HP Variable Frequency Device (VFD) for Well 9; and authorize the City Manager to execute said agreement

**SUMMARY:**

- Proposal from C&G Electric, Inc. includes removal of damaged breakers, wiring, and drive components.
- Project involves installation of a new 250 HP VFD, new breakers, wiring, and surge protections.
- Work will be completed to meet NEC code and manufacturer specifications, including full system testing.
- The VFD will allow for soft starts and stops which reduce water hammer when the pump starts and stops
- VFD extends the life of the pump motor thrust bearing
- VFD will allow for increase run times at slower RPMs therefore reducing the number of starts and stops.

**FISCAL INFORMATION:**

Budgeted: YES

Amount: \$79,656.00

GL Account: 50-5360

**RECOMMENDED MOTION OR ACTION:**

- Staff recommends approval

**ATTACHMENTS:**

- C&G Electric Quote