

**KINGSBURY GENERAL IMPROVEMENT DISTRICT
AGENDA ITEM #12**

TITLE: Purchase of cathodic protection rectifier for Tank #3

MEETING DATE: October 20, 2020

PREPARED BY: Brandon Garden, Utility Operations Superintendent

RECOMMENDED ACTION: Approve purchase for cathodic protection rectifier for Tank #3 for the amount of \$6,000.00 with Aegion/Corrpro

BACKGROUND INFORMATION: During the annual cathodic protection inspections for all steel water tanks in the district, Corrpro found the cathodic protection for Tank #3 was non-operational. This is due to the rectifier for the cathodic protection being bad and unable to supply the proper power to correctly provide cathodic protection for the tank.

With the system being non-operational this leaves the tank susceptible to corrosion ultimately creating water quality issues and a shortened life expectancy for the interior coating and steel tank structure.

The cost for the new rectifier includes the following.

- Removal of old unit
- Installation of new unit
- Calibration
- And proper suspension for the cathodic hoop system

INCLUDED:

- Tank #3 Service Report
- Tank #3 Rectifier Quote

Fund impacted by above action:

- | | |
|--|---|
| <input type="checkbox"/> All Funds | <input type="checkbox"/> Not a Budget Item |
| <input checked="" type="checkbox"/> Water Fund | <input type="checkbox"/> Sewer Fund |
| <input type="checkbox"/> General Fund | <input type="checkbox"/> Snow Removal Fund |
| <input checked="" type="checkbox"/> Not Budgeted for | <input type="checkbox"/> Emergency Spending |