

# 2020 Cheney Ozone Generation Power Supply Renovation (All Districts)

*Public Works & Utilities*

*Engineering Division*



*February 4, 2020*



# Background

- On February 10, 2004, City Council authorized the Taste and Odor Improvements project.
- The project integrated an ozone process into raw water treatment from Cheney Reservoir.
- The ozone process oxidizes constituents that cause unpleasant taste and odor.

# Power Supply

- The power supply equipment required to support the ozone generation system was installed in 2005.



# Power Supply

- Useful life of equipment is 15 years.
- Renovation is a planned part of system life cycle costs.
- Renovation will circumvent replacement of the ozone generation system.
- Sole source procurement is recommended to utilize current electrical housings.



# Financial Considerations

The Adopted 2019-2028 Capital Improvement Program includes \$2,500,000 for the Cheney Ozone Generator/Power Supply Replacement project in year 2019. Staff requests \$1,200,000 for an engineering evaluation, design, cost estimate(s) and early procurement of replacement equipment. Funding for construction will be requested at a later date.

# Recommendation

It is recommended that the City Council:

- Approve the budget
- Authorize sole source equipment procurement
- Adopt the resolution
- Authorize all necessary signatures

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