



Agenda Item

Orange City Council

Item #: 3.8.

10/14/2025

File #: 25-0556

TO: Honorable Mayor and Members of the City Council

THRU: Jarad Hildenbrand, City Manager

FROM: Christopher Cash, Public Works Director

1. SUBJECT

Approval of plans and specifications for Reservoir 5 Exterior Cathodic Protection System, authorization to advertise for bids, and finding of California Environmental Quality Act (CEQA) exemption.

2. SUMMARY

Construction plans and specifications are completed for the Reservoir 5 Exterior Cathodic Protection System, and the project is ready to be advertised for bids. The estimated construction cost is \$302,500.

3. RECOMMENDED ACTION

1. Approve the plans and specifications and authorize advertising for Bid. No. 25-26.06, Reservoir 5 Exterior Cathodic Protection System Project.
2. Find the project Categorically Exempt from CEQA per Guidelines Section 15301.

4. FISCAL IMPACT

None.

5. STRATEGIC PLAN GOALS

Goal 5: Improve Infrastructure, Mobility, and Technology

6. DISCUSSION AND BACKGROUND

Reservoir 5 is a five-million-gallon welded steel water storage tank located at 694 N. Cannon Street in the southeastern portion of Orange. The reservoir was constructed in 1968 and has since been in continuous operation. The reservoir is protected from corrosion by a combination of protective coatings and cathodic protection (CP) systems. Continuous monitoring and maintenance of the CP systems is necessary to prevent corrosion and preserve the tank structure. Based on recent annual survey recommendations, plans and technical specifications have been completed to replace the existing exterior CP system with a new Impressed Current Cathodic Protection (ICCP) in accordance with the current codes and industry standards.

The scope of work for this project will include relocation of the existing internal CP system rectifier, complete abandonment of existing exterior CP system, installation of a new exterior ICCP system, anode bed, rectifier, underground electrical conduits, reference electrodes, and repairing disturbed surface.

7. ENVIRONMENTAL REVIEW

The proposed project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) per State CEQA guidelines 15301 "Existing Facilities" Class 1(c) because it consists of maintenance activities at an existing water storage tank. The CEQA Notice of Exemption will be filed with the County Recorder's Office upon Council's approval of the plans and specifications.

8. ATTACHMENTS

- Location Map