



Engineering, Operations, & Technology Committee

Copper Basin Reservoir Sodium Hypochlorite Tanks Replacement

Item 7-1

March 10, 2025

Item 7-1
Copper Basin
Reservoir
Sodium
Hypochlorite Tanks
Replacement

Subject

Award a \$407,740.66 procurement contract to Ireland Inc. dba Core-Rosion Products to furnish two sodium hypochlorite tanks for the Copper Basin Reservoir

Purpose

Protects the Colorado River Aqueduct system from quagga mussel infestation to enhance reliability

Recommendation & Fiscal Impact

Award a procurement contract for two sodium hypochlorite tanks

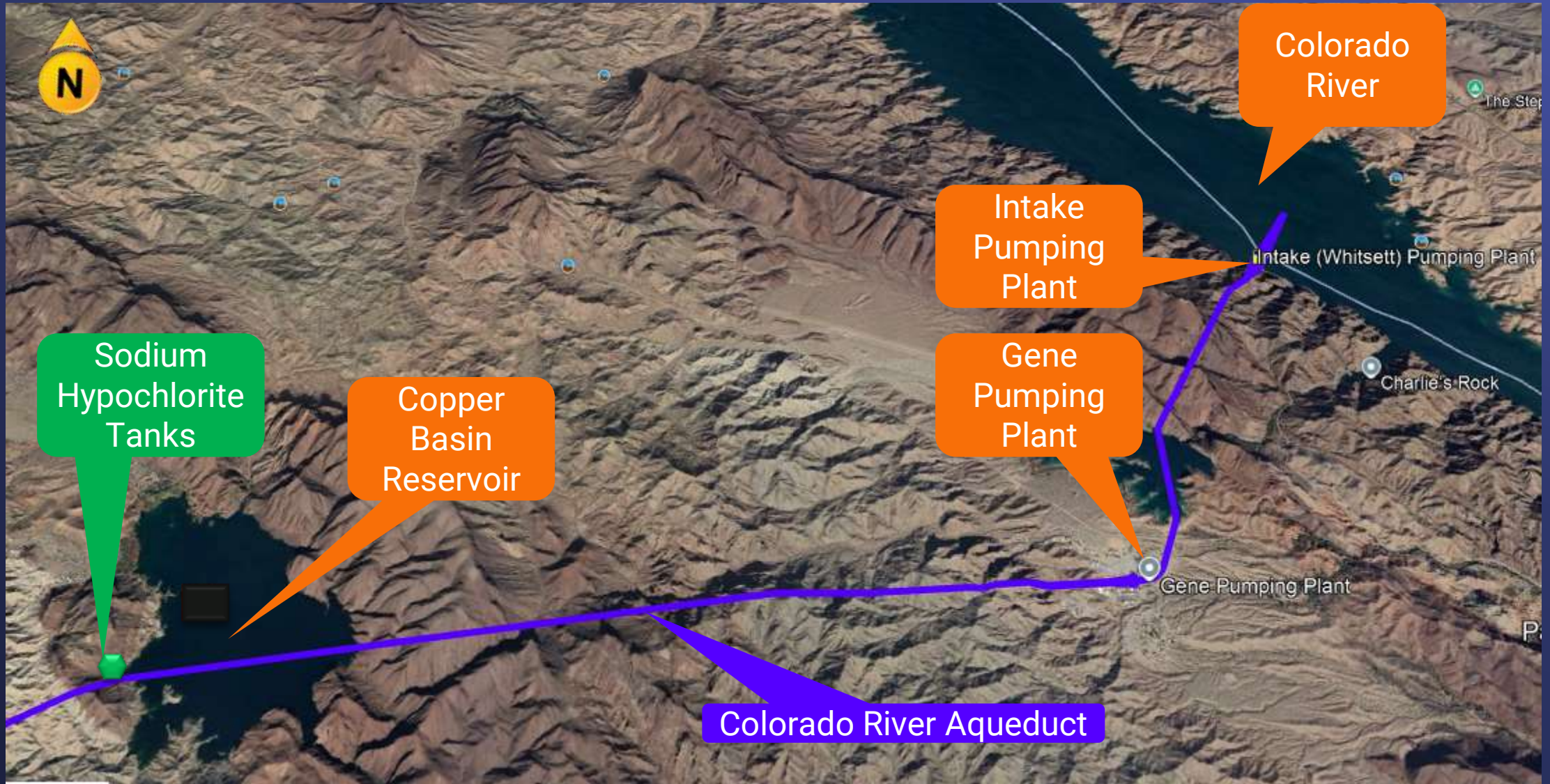
Fiscal Impact – \$590,000

Budgeted

Location Map

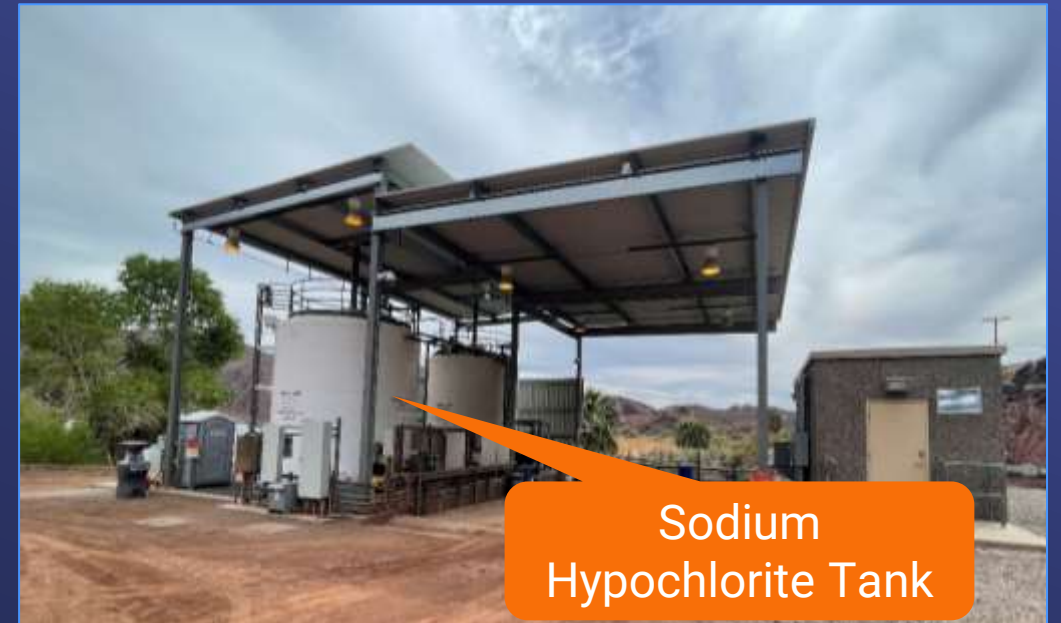


Vicinity Map



Background

- Sodium hypochlorite facility
 - Used to control quagga mussel growth
 - Two 15,000-gallon fiberglass reinforced plastic (FRP) storage tanks
- 2024 Inspection findings
 - Degradation of interior corrosion barrier



Copper Basin Sodium Hypochlorite Facility

Copper Basin Sodium Hypochlorite Tanks Replacement

Alternatives Considered

- Considered Alternative – Reline tank
 - Extensive damage to tanks
 - Rehabilitation not cost-effective
- Selected Alternative – New tanks
 - Provides longer useful life
 - Improves reliability

Copper Basin
Sodium
Hypochlorite
Tanks
Replacement

Scope of Work

Tank Manufacturer

- Fabricate & deliver two 15,000-gallon FRP tanks

Metropolitan

- Review submittals
- Perform factory fabrication inspection
- Perform contract administration & project management
- Off-load & store tanks

Bid Results

Specifications No. ME-5547

Bids Received	January 22, 2025
No. of Bidders	5
Lowest Responsive Bidder	Ireland Inc. dba Core-Rosion Products
Low Bid	\$407,740.66
Range of Other Bids	\$432,000 - \$703,000
Budgetary Estimate	\$400,000 - \$450,000

*No SBE (Small Business Enterprise) participation level set for procurement contract

Allocation of Funds

Copper Basin Sodium Hypochlorite Tanks Replacement

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin.)	\$	56,000
Submittals Review, Tech. Support, Record Dwgs.		47,000
Fabrication Inspection & Support		49,000
Metropolitan Force Construction		15,000

Contract

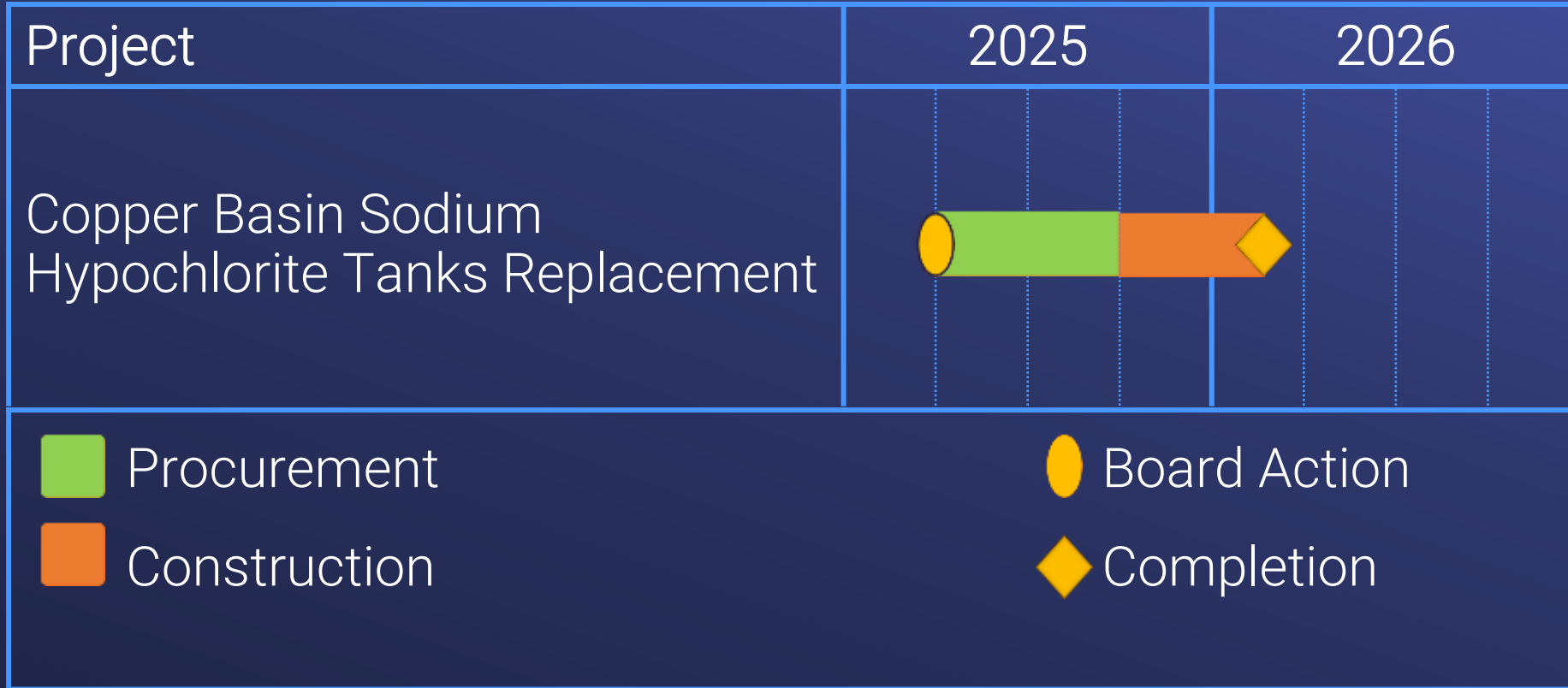
Ireland Inc. dba Core-Rosion Products		407,741
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Remaining Budget

15,259

Total \$ 590,000

Project Schedule



Board Options

- Option #1

Award a \$407,740.66 procurement contract to Ireland Inc. dba Core-Rosion Products to furnish two 15,000-gallon fiberglass-reinforced tanks for the Copper Basin Reservoir.

- Option #2

Do not proceed with the project at this time.

Staff Recommendation

- Option #1

