



June 16 2025

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# Consideration to Authorize Desalination Facility Chemical Storage Tanks Procurement

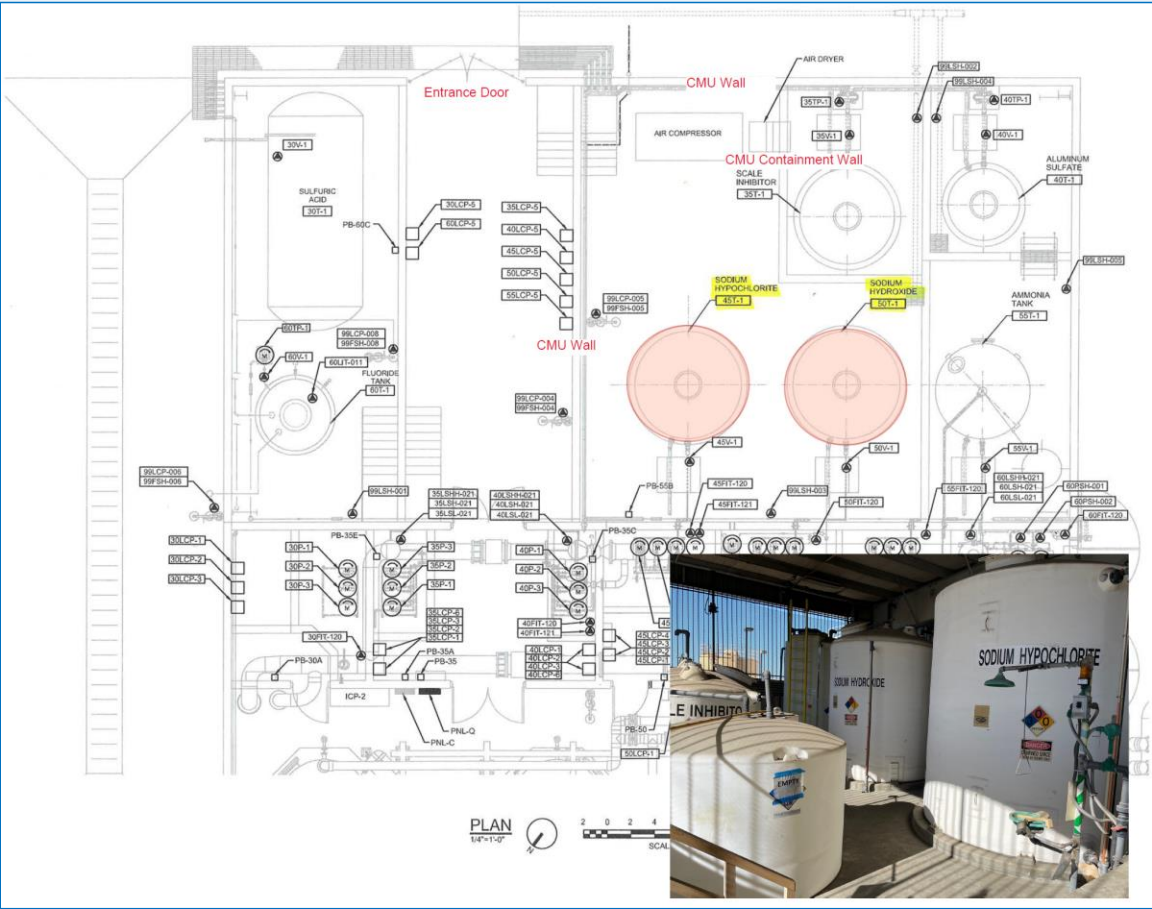
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# Desalination Facility Chemical Storage Room

- Installed in 1999 at Initial Desal Facility Construction.
- Tank Room is constructed with a seam metal roof, and enclosed by a block wall and iron bars.



# Desalination Facility Chemical Room Configuration



# Sodium Hypochlorite and Sodium Hydroxide Tanks

- Sodium Hypochlorite Tank: Two repairs since 2017
  - Minor leakage and internal surface degradation
- Sodium Hydroxide Tank: No repairs have been made
  - Same age and type as the sodium hypochlorite tank
  - May not be able to be replaced without removing the sodium hypochlorite tank due to space constraints



# Request for Quote (RFQ) –Scope of Work

## Only for Tanks Procurement

- Procurement, delivery, and unloading of two (2) bulk chemical storage tanks:
- Sodium Hypochlorite Tank: 8,000 Gallon capacity, fiberglass-reinforced plastic (FRP), Diameter: 11'-0", Height: 11'-4" SSW NSF 61 Certified vinyl ester resin coated
- Sodium Hydroxide Tank: 4,750 Gallon capacity, fiberglass-reinforced plastic (FRP), Diameter: 9'-0", Height: 10'-0" SSW
- NSF 61 Certified vinyl ester resin coated internal; Gel coated with UV inhibitor external
- Fittings and access entryways as requested by staff



# Request for Quote (RFQ)-Timeline

- May 15, 2025; RFQ issued
- No pre-bid meeting held
- June 5, 2025; Bid opening
  
- Staff is currently working on the Tank Replacement Design Package (Installation)



# RFQ Results

Vendor	Quoted Cost	Responsive to the RFQ?
Core-Rosion Products	\$183,300	Yes

The engineer's estimate for tank purchases was \$180,000.



# Fiscal Impact

Desalination Facility Chemical Storage Tank Replacement (20258004)	
FY 2024-25 Project Budget	\$220,000
Less Expenses to Date	<\$4,810>
Less Tank Purchases	<\$183,300>
Remaining Project Budget for FY 2024-25	\$31,890
FY 2025-26 Additional Project Budget Request	\$130,000
Remaining Project Budget for Installation (FY 2024-25 + FY 2025-26)	\$161,890



# Options

1. Award a contract for Desalination Facility Chemical Storage Tanks Procurement to Core-Rosion Products of Signal Hill, CA in an amount not to exceed \$183,300.
2. Reject bid and re-advertise the Project in FY 2025-26.
3. Other direction as determined by the Governing Board.

**Staff Recommends Option 1.**



# Questions?

