

Chemical Systems Rehabilitation at Plant No. 2, Project No. P2-135

Presented by:
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Engineering Supervisor

Construction Contract

Operations Committee
September 3, 2025

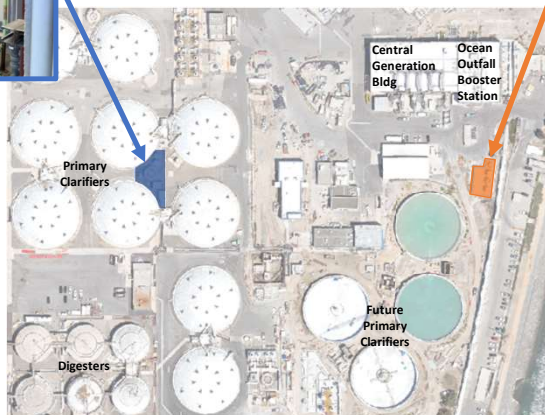
OC SAN
ORANGE COUNTY SANITATION DISTRICT

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Project Overview



Anionic Polymer Station
Used for primary treatment
to settle solids



Plant No. 2



Sodium Bisulfite Station
Dechlorination for long outfall
(when needed) and short outfall
(when in use)

2

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Sodium Bisulfite Station

Current Condition

- Original system is oversized and out of service due to age and poor condition
- Temporary system currently being used

New Design

- Replace chemical tanks from 4 → 2
- Replace pumps from 7 → 3
- Replace piping and electrical panels
- New plant water and plant air supply systems



Sodium Bisulfite Station

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Anionic Polymer Station

Project Elements

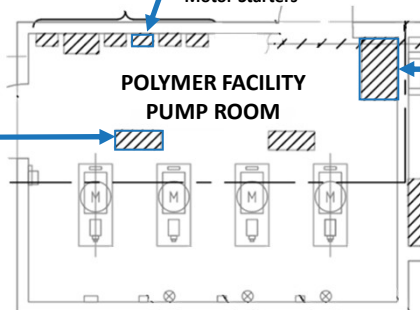
- Replace obsolete electrical and control panels
- New valves and actuators



Polymer Feed Control Panel



Motor Starters



Process Automation System Control Panel

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Bid Results

Engineer's Estimate: \$4,600,000

Bidder	Amount of Bid
Innovative Construction Solutions	\$4,439,500
Filanc	\$5,412,000
Mehta Mechanical Company, Inc.	\$5,630,000
Myers & Sons Construction, LLC	\$5,875,000
J.F. Shea Construction, Inc.	\$6,059,800

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Recommendation

Recommend to the Board of Directors to:

- A. Receive and file Bid Tabulation and Recommendation for Chemical Systems Rehabilitation at Plant No. 2, Project No. P2-135;
- B. Award a Construction Contract to Innovative Construction Solutions for Chemical Systems Rehabilitation at Plant No. 2, Project No. P2-135, for a total amount not to exceed \$4,439,500; and
- C. Approve a contingency of \$443,950 (10%).

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Questions?