



Engineering, Operations, & Technology Committee

Skinner and Diemer Turbidity Meter Upgrade

Item 7-1

June 8, 2026

Presented by: Marc Bayan

Item 7-1 Skinner and Diemer Turbidity Meter Upgrade

Subject

Award a \$698,352.64 contract to Tintometer Inc. to furnish 128 turbidity meters for the Robert A. Skinner and Robert B. Diemer Water Treatment Plants

Purpose

Maintain treatment process reliability and regulatory compliance at the Skinner and Diemer plants

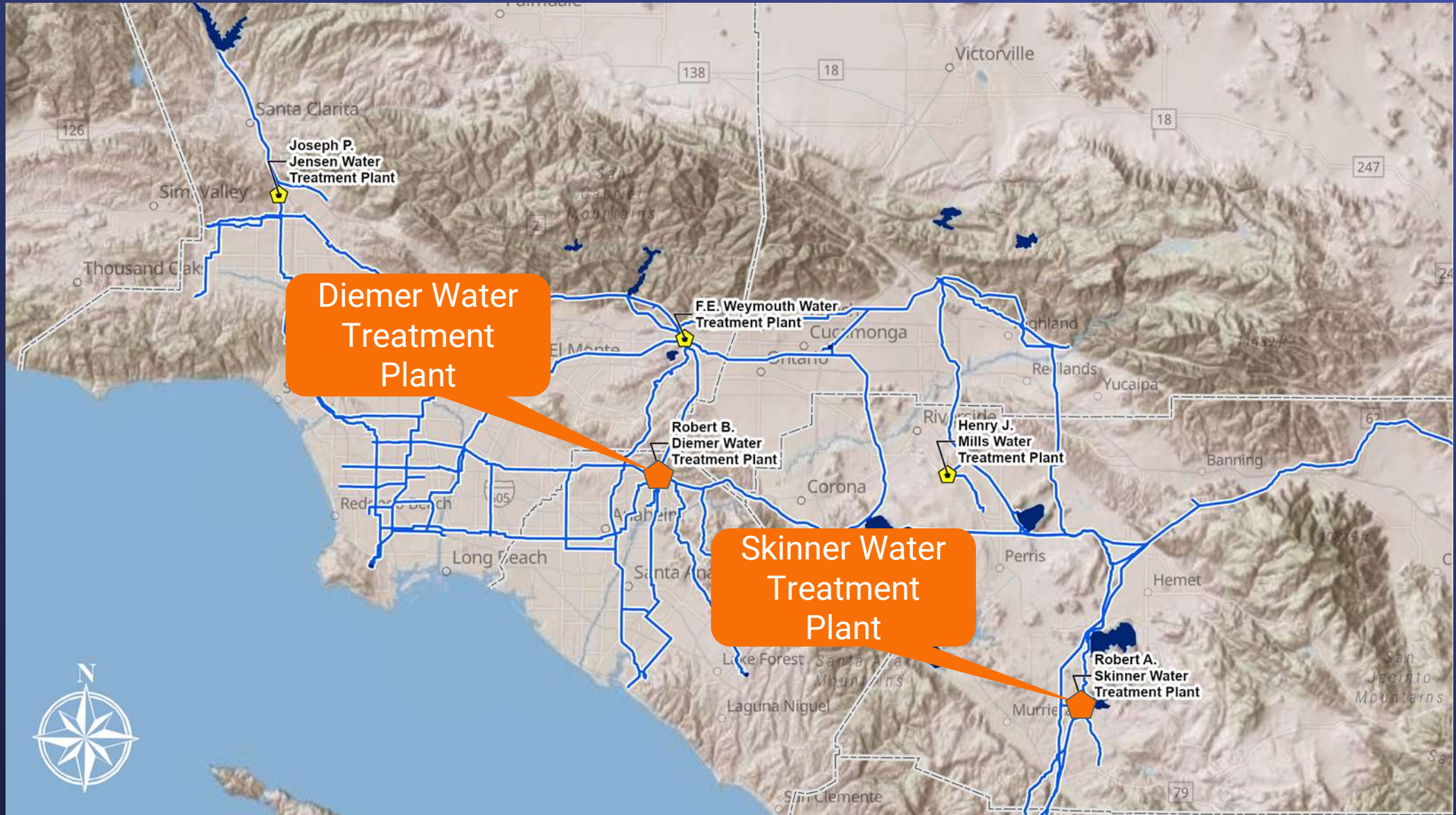
Recommendation and Fiscal Impact

Award a procurement contract to furnish 128 turbidity meters for the Skinner and Diemer plants

Fiscal Impact – \$940,000

Budgeted

Location Map



Background

- Originally installed between 2009 & 2014
- Turbidity meters operate continuously to ensure effective water quality monitoring & regulatory compliance
- Approaching end of service life
 - Replacement parts are no longer manufactured
 - Manufacturer support is no longer provided



Skinner Turbidity Meters



Diemer Turbidity Meter

Skinner and Diemer Turbidity Meter Upgrade

Alternatives Considered

- Considered Alternative – Continue maintaining existing meters
 - Diminished effectiveness of routine maintenance due to lack of available spare parts & deteriorated condition
- Selected Alternative – Furnish replacement turbidity meters
 - Maintains treatment process reliability
 - Maintains regulatory compliance

Skinner and Diemer Turbidity Meter Upgrade

Scope of Work

- Contractor
 - Furnish 128 turbidity meters
- Metropolitan
 - Submittal review
 - Fabrication inspection
 - Contract administration
 - Receive, offload, & store turbidity meters at Skinner & Diemer plants

Bid Results

Request for Bids No. RFB-AS-470807-A

Bids Received	April 21, 2026
No. of Bidders	4
Lowest Responsible Bidder	Tintometer Inc.
Low Bid	\$698,352.64
Range of Other Bids	\$764,469.12 to \$1,063,168
Budgetary Range Estimate	\$600,000 to \$900,000

Notes:

1. As a procurement contract, there are no subcontracting opportunities
2. Sales and use taxes are excluded from the bids and will be paid directly to the state of California by Metropolitan

Allocation of Funds

Skinner and Diemer Turbidity Meter Upgrade

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin.)	\$	29,000
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Fabrication Inspection		55,000
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Submittals Review, Tech. Support, Record Dwgs.		41,000
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Incidental Expenses (Sales Tax)		54,123
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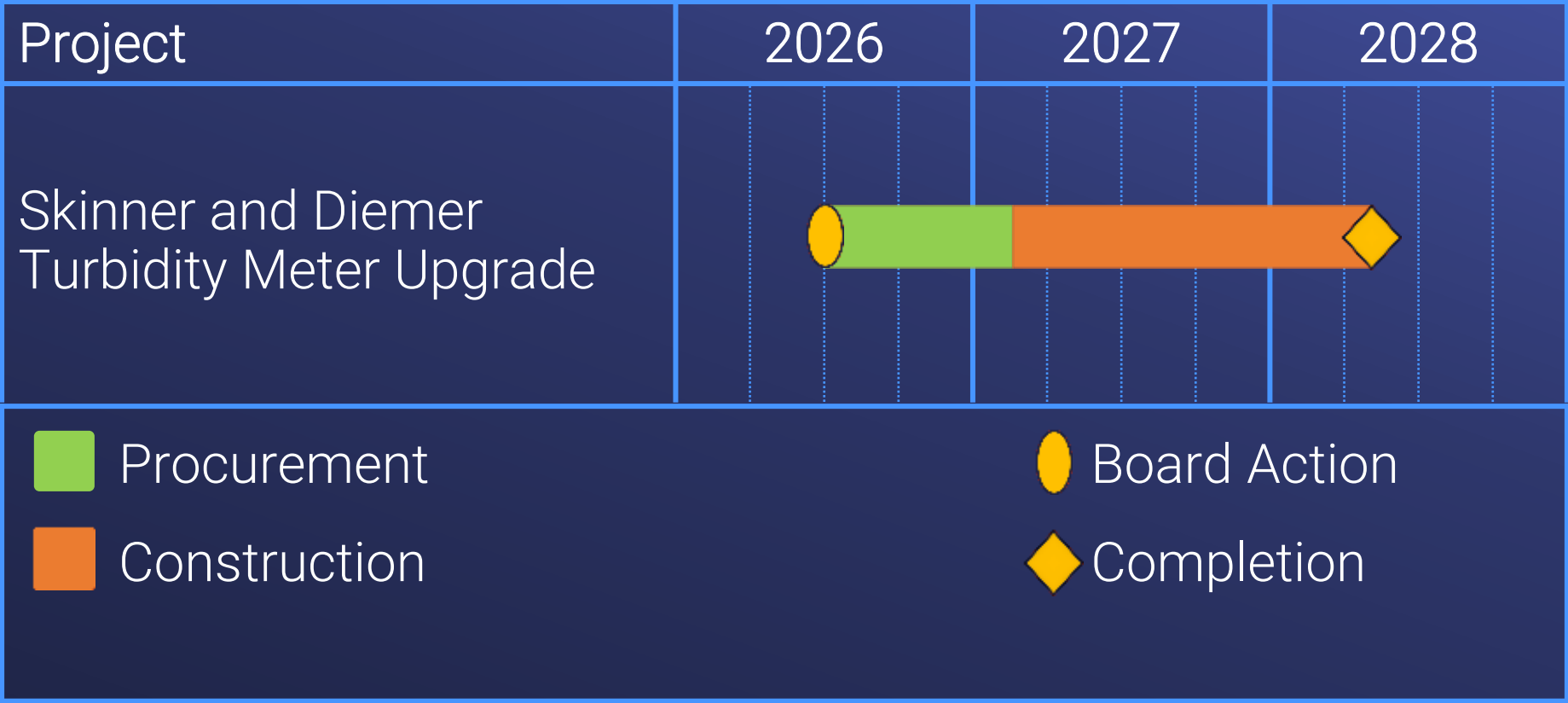
Contracts

Tintometer Inc.		698,352.64
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Remaining Budget		62,524.36
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Total	\$	940,000
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Project Schedule



Board Options

- Option #1

Award a \$698,352.64 contract to Tintometer Inc. to furnish 128 turbidity meters for the Robert A. Skinner and Robert B. Diemer Water Treatment Plants.

- Option #2

Do not proceed with the project at this time.

Staff Recommendation

- Option #1

