



Special Board of Directors

Orange County Service Area Globe Valves Procurement

Item 7-3

December 5, 2023

Item 7-3

Orange County Service Area Globe Valves Procurement

Subject

Award a \$698,000 procurement contract to B&K Valves & Equipment Inc. for procurement of five globe valves

Purpose

The procurement of five globe valves at four pressure control structures will restore operational capacity and system redundancy

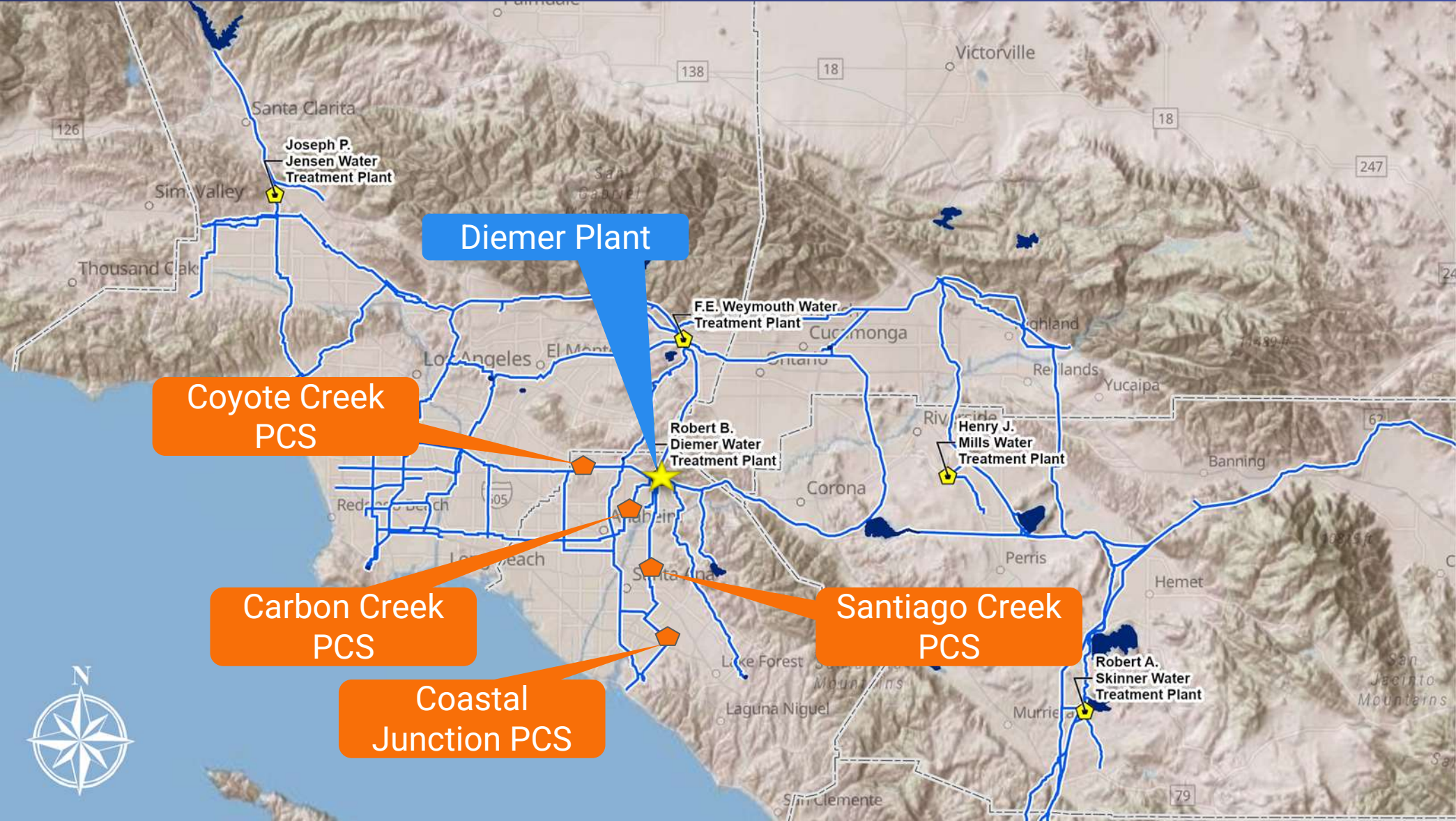
Recommendation and Fiscal Impact

Award of a procurement contract

Fiscal impact of \$860,000

Budgeted expenditure

Distribution System



Orange County Globe Valve Procurement



Failing Hydraulic
Globe Valve

Background

- Pressure control structures (PCS)
 - Control flow & regulate pressure in feeders
 - Contain multiple small-diameter branch lines
 - Each branch line has hydraulic control valve & isolation valve
- Five replacement valves needed at four PCS
 - Valves have failed & been removed from service
 - Failure of valve(s) takes branch line out of service
 - Reduces flow capacity, redundancy, & increases wear on remaining valves

Orange County Globe Valve Procurement



PCS Branch Line with
Globe Valve Removed

Alternatives Considered

- Alternative Considered
 - Modify branch lines to fit widely-available control valve types
 - Costly, long-term project
- Selected Alternative
 - In-kind replacements of valve
 - Restores operational capacity & redundancy at PCS facilities

Orange County Globe Valve Procurement

Scope of Work

- Contractor
 - Furnish five globe valves
 - 8-inch & 12-inch
- Metropolitan
 - Fabrication inspection, submittal review, contract administration
 - Project management, project controls

Bid Results

Request for Bids No. RFB-KK-431080

Bids Received

September 21, 2023

No. of Bidders

1

Responsible Bidder

B&K Valves & Equipment Inc.

Low Bid

\$698,000

SBE Participation*

N/A

*SBE (Small Business Enterprise) participation level not established for procurement contract

Allocation of Funds

Orange County Globe Valves Procurement

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin.)	\$ 46,000
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Fabrication Inspection & Support	78,000
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Submittals Review & Tech. Support	12,000
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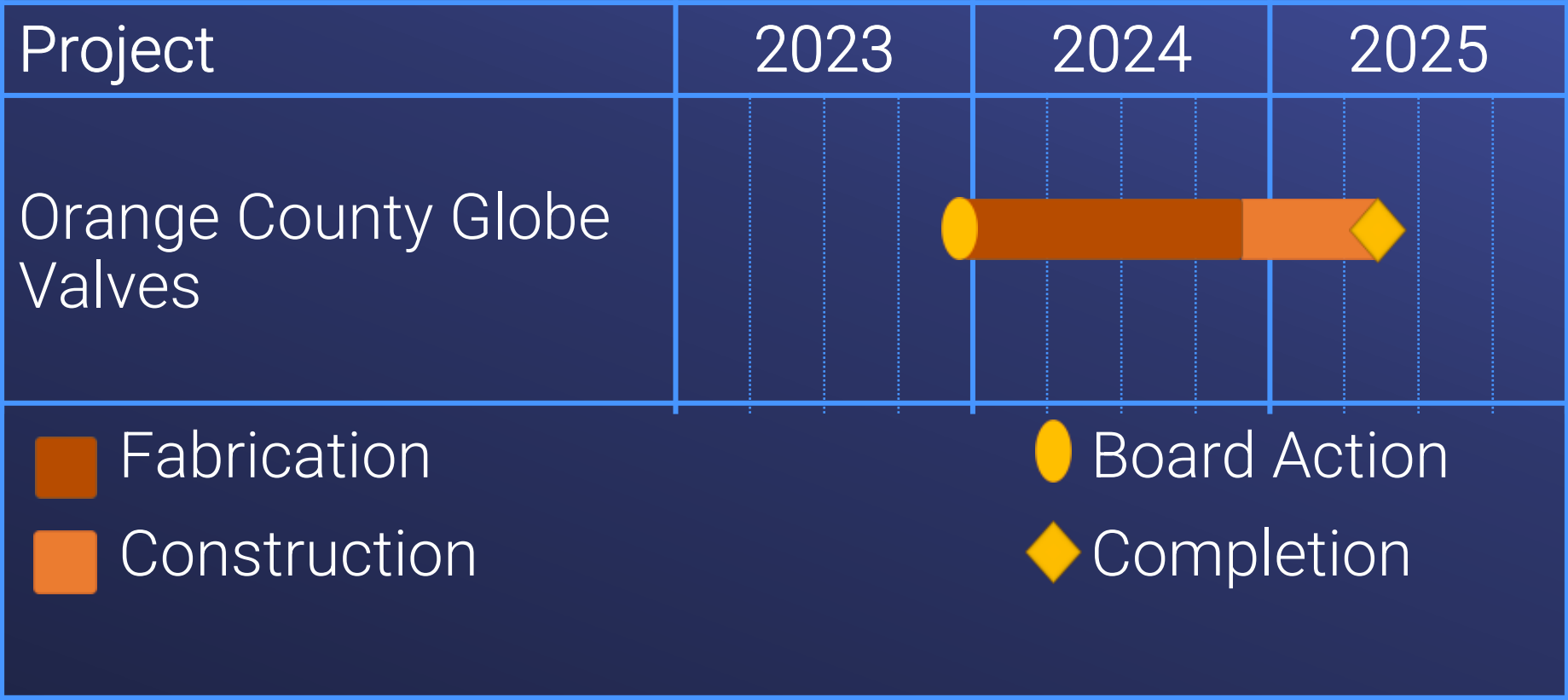
Contract

B&K Valves & Equipment Inc.	698,000
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Remaining Budget	26,000
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Total	\$ 860,000
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Project Schedule



Board Options

- Option #1
Award a \$698,000 procurement contract to B&K Valves & Equipment Inc. for five globe valves.
- Option #2
Do not proceed with the project at this time

Staff Recommendation

- Option #1

