



Engineering, Operations, & Technology Committee

# Blowoff Valve Procurement

Item 7-4

January 8, 2024

## Item 7-4 Blowoff Valve Procurement

### Subject

Award a \$549,592.04 procurement contract to Caasi Flow Control for 20 plug valves to be installed on the Foothill Feeder and Rialto Pipeline

### Purpose

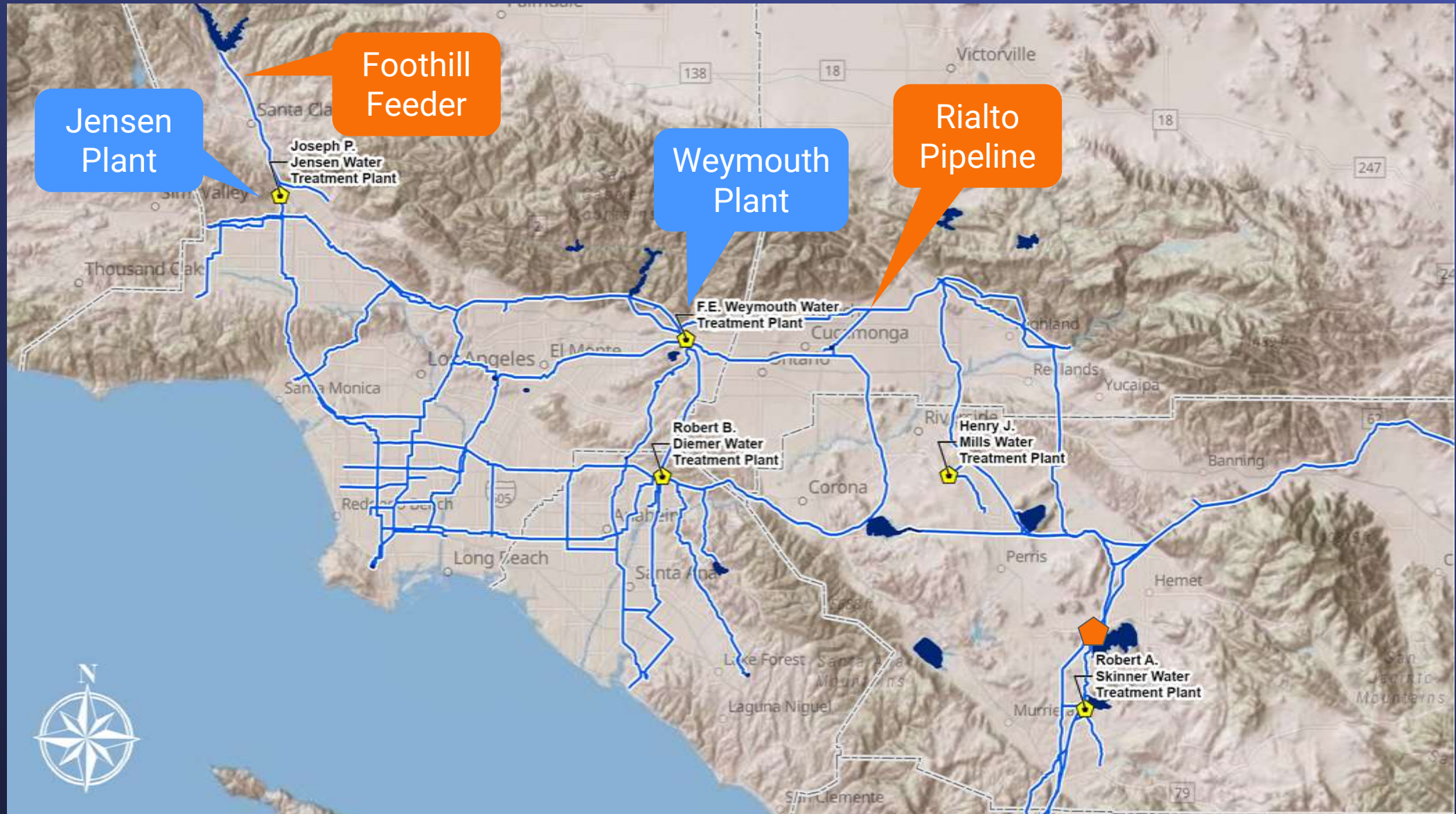
Replacement of blowoff valves are needed to maintain system reliability

### Recommendation and Fiscal Impact

Award of a procurement contract  
Fiscal impact of \$725,000

### Budgeted

# Distribution System



## Plug Valves Procurement



Existing  
Plug Valve Interior

## Background

- Blowoff Structures
  - Used to dewater pipelines
  - Isolation valves – shutdown required to replace
- Twenty 16-inch replacement valves needed
  - (14) Foothill Feeder & (6) Rialto Pipeline
  - In service over 50 years
  - Valves are corroded, worn beyond repair

## Plug Valves Procurement



New Plug Valve Interior

## Alternatives Considered

- Refurbish existing valves
  - Existing valves too worn, deteriorated
  - Extended pipeline outage
- Replace with butterfly valves
  - More readily available
  - Less robust construction
  - Potential for damage in this application
- Selected alternative
  - Replace existing plug valves in-kind

## Plug Valves Procurement



Plug Valve Installation

## Scope of Work

- Contractor
  - Furnish 20 16-inch plug valves
- Metropolitan
  - Fabrication inspection, submittal review, contract administration
  - Project management, project controls

# Bid Results

Request for Bids No. RFB-KK-423868

Bids Received

November 13, 2023

No. of Bidders

3

Lowest Responsible Bidder

Caasi Flow Control

Low Bid

\$549,592.04

Range of Other Bids

\$576,000 - 649,026

SBE Participation\*

N/A

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

# Allocation of Funds

## Plug Valves Procurement

### Metropolitan Labor

|  |           |
|--|-----------|
| Owner Costs (Proj. Mgmt., Contract Admin.) | \$ 35,000 |
|--|-----------|

|                                  |        |
|----------------------------------|--------|
| Fabrication Inspection & Support | 59,000 |
|----------------------------------|--------|

|                                   |        |
|-----------------------------------|--------|
| Submittals Review & Tech. Support | 14,000 |
|-----------------------------------|--------|

### Contract

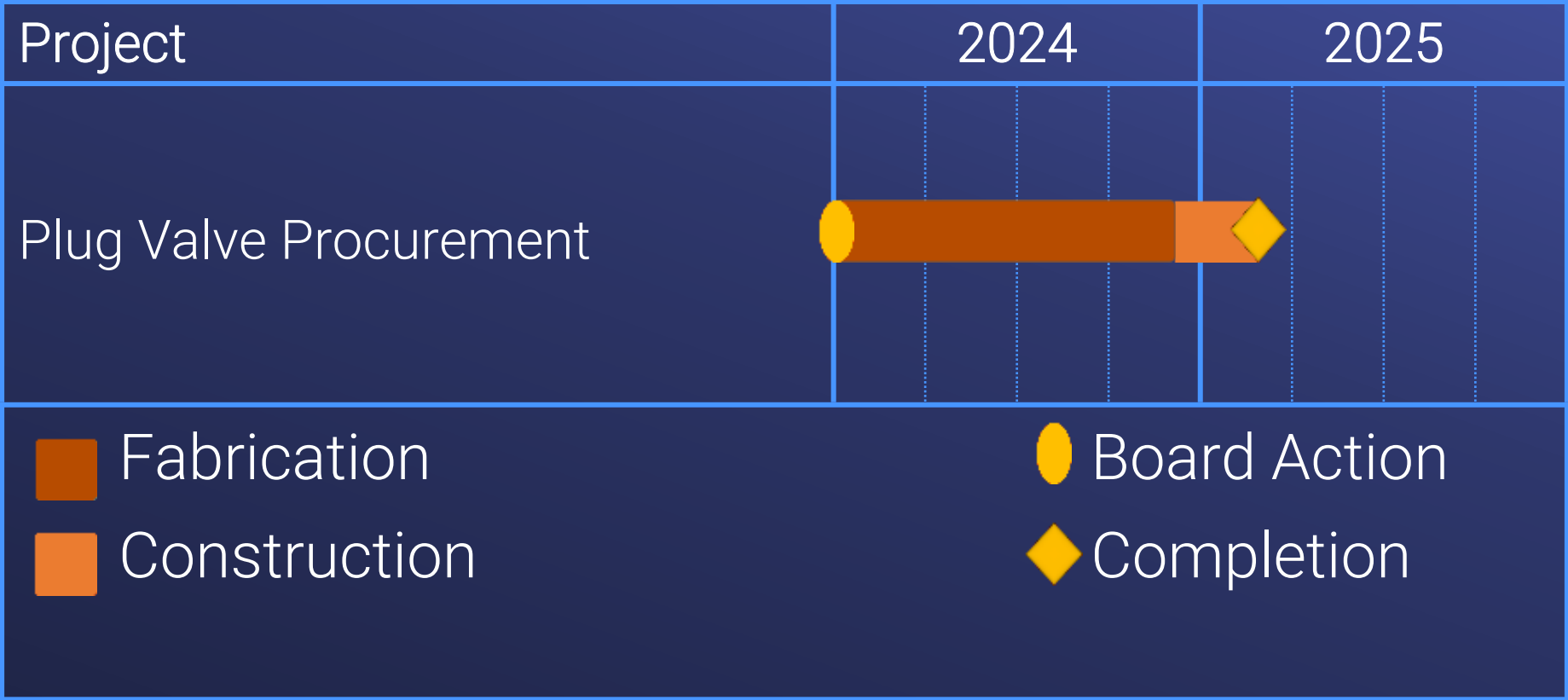
|                    |            |
|--------------------|------------|
| Caasi Flow Control | 549,592.04 |
|--------------------|------------|

|                  |           |
|------------------|-----------|
| Remaining Budget | 67,407.96 |
|------------------|-----------|

---

|       |           |
|-------|-----------|
| Total | \$725,000 |
|-------|-----------|

# Project Schedule



# Board Options

- Option #1  
Award a \$549,592.04 procurement contract to Caasi Flow Control for 20 plug valves.
- Option #2  
Do not proceed with the project at this time.

# Staff Recommendation

- Option #1

