



Sp Jt BOD and Exec Committee and Wksp on EOT Comm

Valve Procurement for Rio Hondo Pressure Control Structure

Item 7-3

June 24, 2025

Item 7-3

Rio Hondo Pressure Control Structure Valve Procurement

Subject

Award an \$807,004 procurement contract to B&K Valves and Equipment Inc. for replacement of globe valves at the Rio Hondo Pressure Control Structure

Purpose

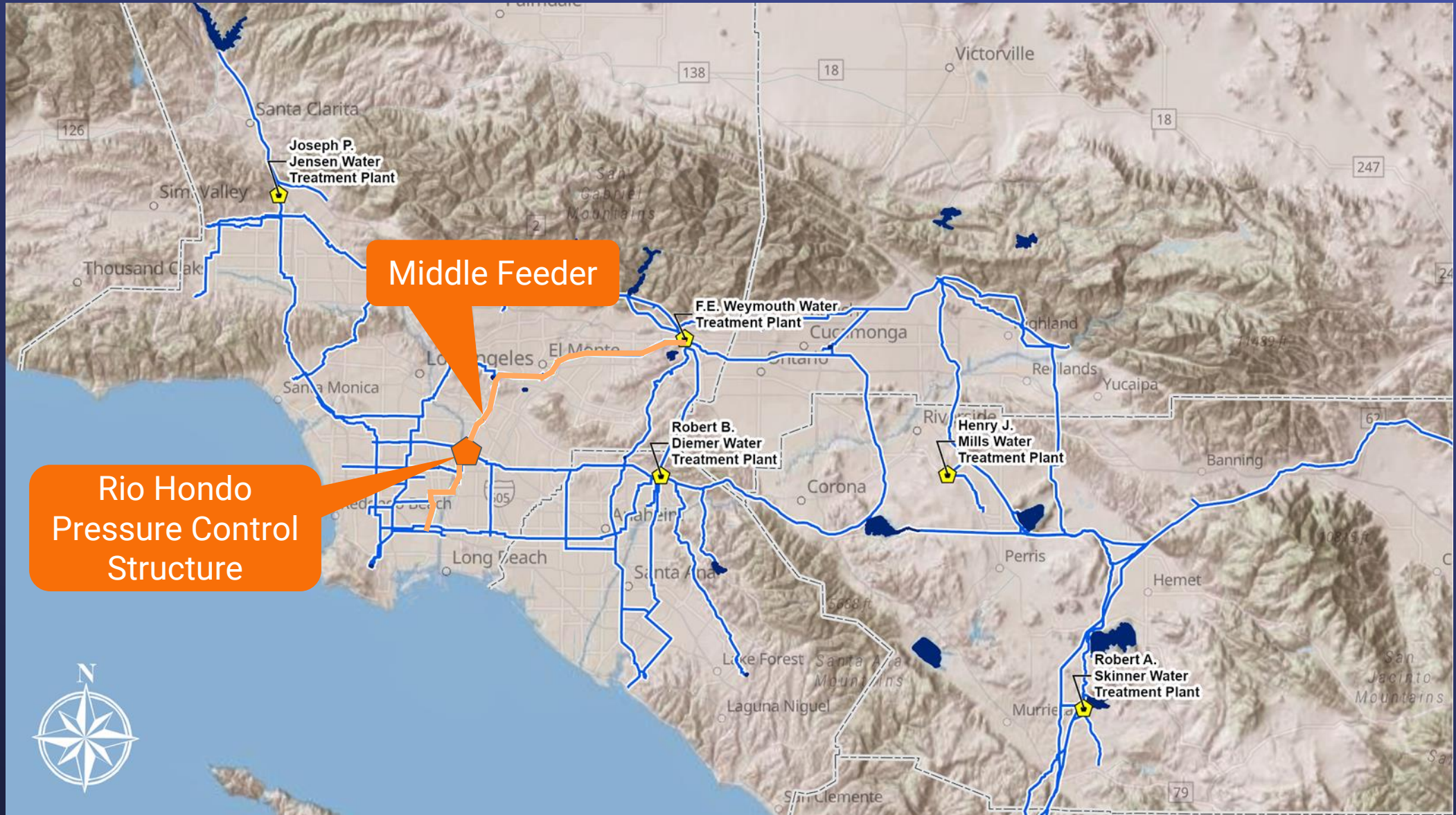
Procurement of pressure regulating valves that have reached end of their service lives and are critical to operations of the facility

Recommendation and Fiscal Impact

Award procurement contract for replacement globe valves
Fiscal Impact – \$975,000

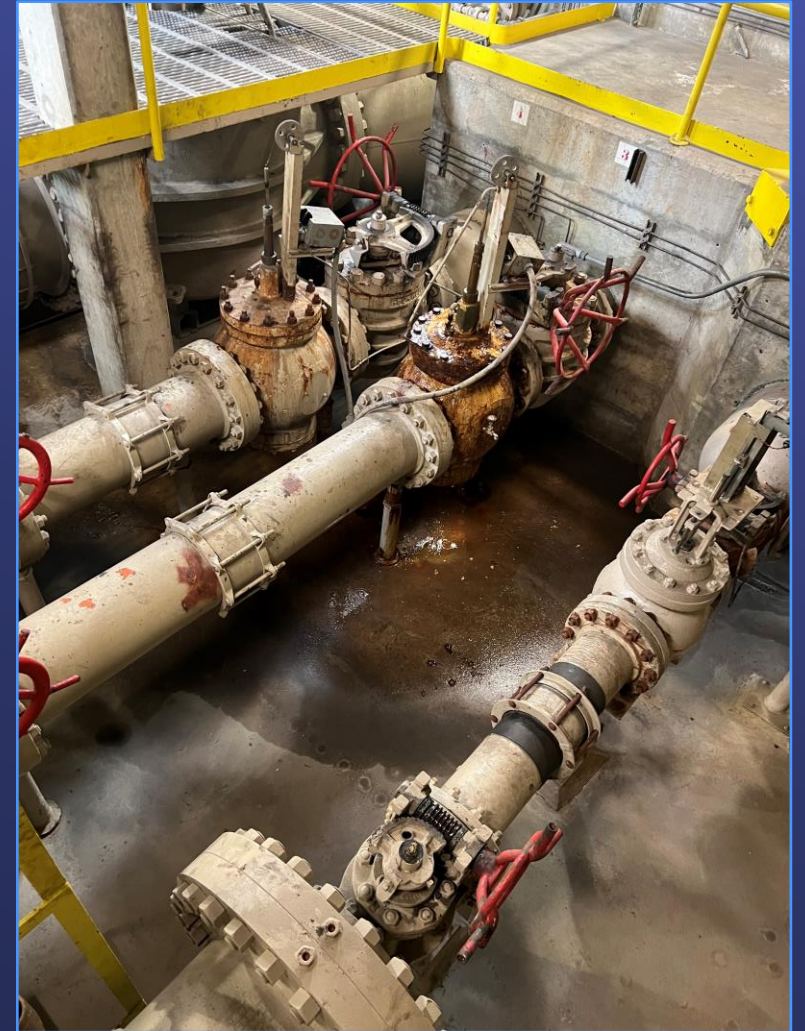
Budgeted

Location Map



Background – Rio Hondo Pressure Control Structure (PCS)

- Constructed in 1953
- Provides pressure control for southern portion of Middle Feeder
 - Precise flow regulation is essential to protect the pipeline from excessive pressure
- Valves in continuous service for over 70 years
 - Valves fail periodically
 - Increased maintenance required
 - Replacement parts no longer supported by manufacturer



Existing Original Valves
at Rio Hondo PCS

Current Staged Approach

- Stage 1
 - Replace four valves deemed critical to maintaining operations of facility
 - One 16-inch valve
 - Two 12-inch valves
 - One 8-inch globe valve
- Stage 2
 - Replace or rehabilitate valves, piping & mechanical, electrical & control system
- Stages allow time to conduct detailed analysis to rehabilitate entire structure



Aged Piping and Valve System



Conduits & Pull Boxes

Rio Hondo Pressure Control Structure Valve Procurement

Alternatives Considered

- Considered Alternative – Continue repairing existing valves
 - Valves extensively deteriorated
 - Replacement parts challenging to find
- Selected Alternative – Procure & replace four new globe valves in-kind
 - Restores facility to full operational capacity

Rio Hondo Pressure Control Structure Valve Procurement

Scope of Work

- Contractor
 - Furnish one 16-inch valve, two 12-inch valves & one 8-inch globe valve
- Metropolitan
 - Fabrication inspection & functional testing
 - Submittals review & RFI response
 - Contract administration & project management

Bid Results

Request for Bid No. RFB-DV-454593

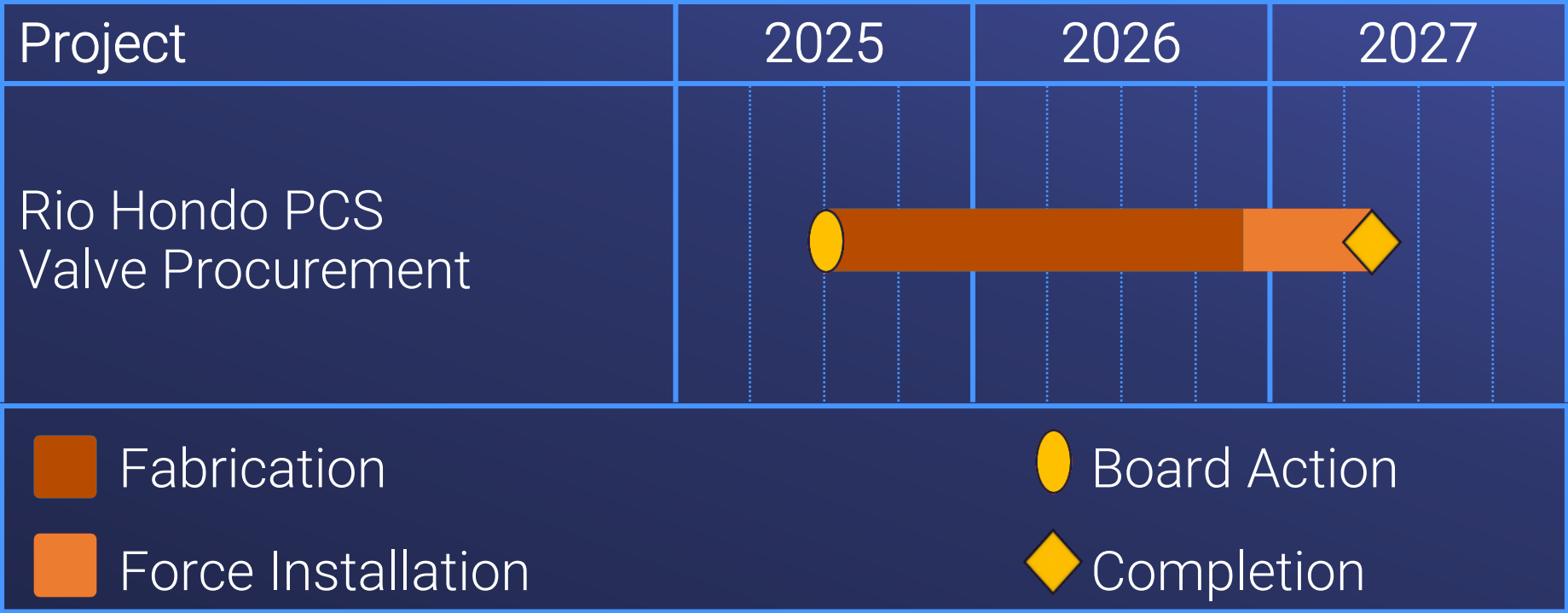
Bids Received	March 5, 2025
No. of Bidders	1
Lowest Responsible Bidder	B&K Valves & Equipment Inc.
Low Bid	\$807,004
Range of Budgetary Estimates	\$550,000 - \$750,000

Allocation of Funds

Rio Hondo Pressure Control Structure Valve Procurement

Metropolitan Labor		
Owner Costs (Proj. Mgmt., Contract Admin.)	\$	43,996
Construction Inspection & Support		78,000
Submittals Review		46,000
Contracts		
B&K Valves & Equipment Inc.		807,004
Remaining Budget		-
Total		\$ 975,000

Project Schedule



Board Options

- Option #1
Award an \$807,004 procurement contract to B&K Valves and Equipment Inc. for globe valves to be installed at the Rio Hondo Pressure Control Structure.
- Option #2
Do not proceed with this project at this time.

Staff Recommendation

- Option #1

