



Engineering, Operations, & Technology Committee

Hollywood Tunnel PCS Valves Procurement

Item 7-2

March 10, 2025

Item 7-2
Hollywood
Tunnel PCS
Valves Procurement

Subject

Award a procurement contract in the amount of \$321,575 to Integrated 8a Solutions Inc. for two 24-inch knife gate valves and award a procurement contract in the amount of \$2,151,947 to Bailey Valve for two 24-inch sleeve valves for the Hollywood Tunnel pressure control structure

Purpose

Replace aging valves to improve operational reliability

Recommendation and Fiscal Impact

Award procurement contracts for valves

Fiscal Impact – \$3,100,000

Budgeted

Location Map



Hollywood Tunnel PCS Valves Procurement

Background

- Hollywood Tunnel Pressure Control Structure (PCS)
 - Regulates flows on Santa Monica Feeder
- PCS with mechanical control system built in 1941
 - Control system uses pulleys, cables and counterweights
 - Requires frequent maintenance and adjustments
 - Valves can no longer be refurbished



Plug Valve

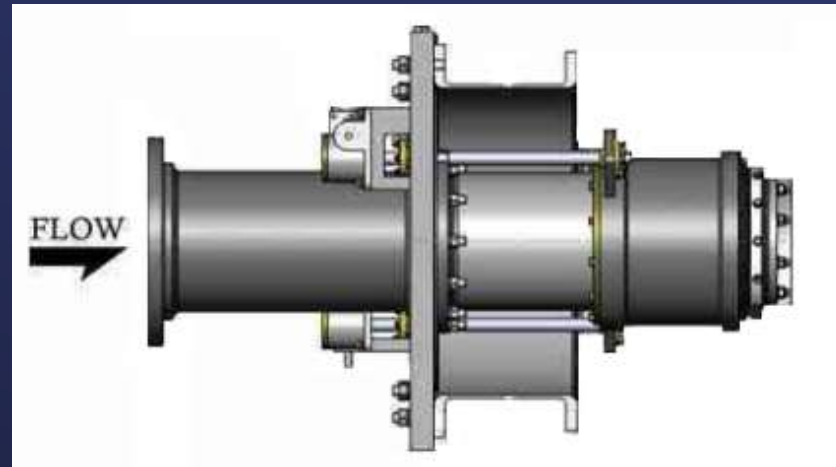
Sleeve Valve

Hollywood Tunnel PCS Valves Procurement

Alternatives Considered

- Considered – Valve refurbishment
 - Extensive damage to aging valve
 - Repair not cost-effective
- Selected Alternative – New knife gate and sleeve valves
 - Improves reliability
 - Increases maintenance efficiency

Internal Section
of a Sleeve Valve



Hollywood Tunnel PCS Valves Procurement

Scope of Work

- Valve Manufacturers
 - Fabricate and deliver
 - Two 24-inch gate valves with manual actuators
 - Two 24-inch sleeve valves with electro-hydraulic actuators
- Metropolitan
 - Fabrication inspection and testing
 - Submittal reviews
 - Project management and contract administration
 - Off-load and store valves

Bid Results

Specifications No. 2099 – Schedule 1: Knife Gate Valves

| | |
|-------------------|------------------------------|
| Bids Received | January 16, 2025 |
| No. of Bidders | 2 |
| Responsive Bidder | Integrated 8a Solutions Inc. |
| Low Bid | \$321,575 |
| Other Bid | Non-responsive |
| Budgetary Range | \$325,000 - \$375,000 |

*No SBE (Small Business Enterprise) participation level set for procurement contract

Bid Results

Specifications No. 2099 – Schedule 2: Sleeve Valves

| | |
|-------------------|---------------------------|
| Bids Received | January 16, 2025 |
| No. of Bidders | 3 |
| Responsive Bidder | Bailey Valve |
| Low Bid | \$2,151,947 |
| Other Bids | Two non-responsive bids |
| Budgetary Range | \$1,600,000 - \$1,800,000 |

*No SBE (Small Business Enterprise) participation level set for procurement contract

Allocation of Funds

Hollywood Tunnel PCS Valves Procurement

Metropolitan Labor

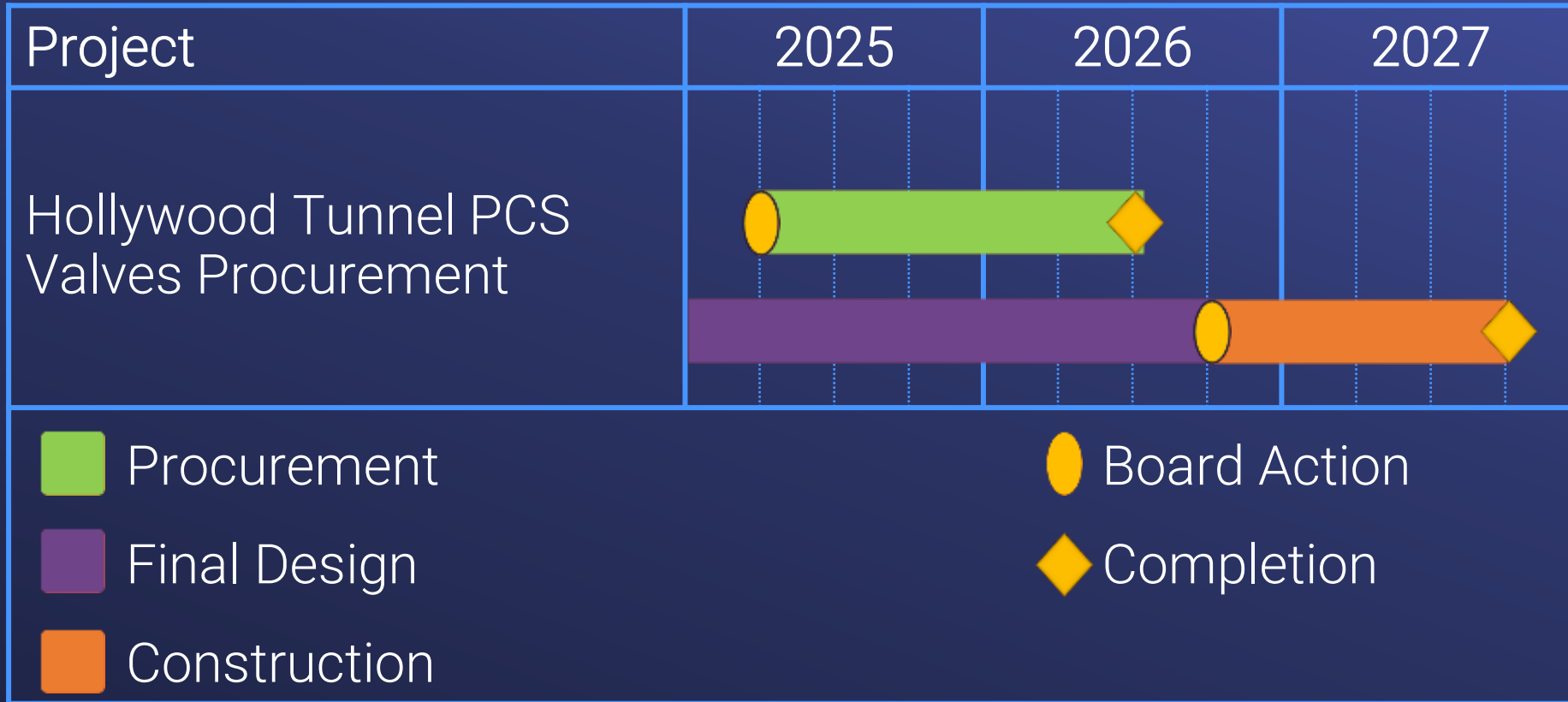
| | | |
|--|----|---------|
| Owner Costs (Proj. Mgmt., Contract Admin.) | \$ | 138,000 |
| Submittals Review, Tech. Support, Record Dwgs. | | 194,000 |
| Fabrication Inspection & Support | | 122,000 |
| MetForce Construction | | 10,000 |
| Professional/Technical Services (Inspection) | | 25,000 |

Contracts

| | | |
|------------------------------|--|-----------|
| Integrated 8a Solutions Inc. | | 321,575 |
| Bailey Valve | | 2,151,947 |
| Remaining Budget | | 137,478 |

Total \$ 3,100,000

Project Schedule



Note: Valves to be installed during a future shutdown under separate construction contract.

Board Options

- Option #1
 - a. Award a \$321,575 procurement contract to Integrated 8a Solutions Inc. to furnish two 24-inch diameter gate valves; and
 - b. Award a \$2,151,947 contract to Bailey Valve to furnish two 24-inch diameter sleeve valves for the Hollywood Tunnel pressure control structure.
- Option #2
Do not proceed with the project at this time.

Staff Recommendation

- Option #1

