



Engineering & Operations Committee

# La Verne Shops Building Improvements

Item #7-3

May 10, 2022

# La Verne Shops Building Improvements

## Current Action

- Award \$18,930,000 contract to Woodcliff Corporation for improvements to the La Verne Shops
- Authorize an agreement with Richard Brady & Associates for a not-to-exceed amount of \$650,000

# Distribution System





# Location Map





# Background

- La Verne Shops enable Metropolitan to refurbish major mechanical equipment and fabricate large diameter pipe to support
  - Capital projects
  - Maintenance activities
  - Reimbursable support to member agencies & DWR
  - 24/7 Urgent repairs
  - Reverse engineering of components



Pipe "Rolling"  
Fabrication



Ball Valve  
Refurbishment

# La Verne Shops Improvements

- Multi-Stage Program
  - Stage 1 & 2 - Existing building & equipment upgrades
  - Stage 3 - Coating Shop extension
  - Stage 4 - Integration of the fabrication & machine shop functions within a single larger building
  - Stage 5 – Subject action
    - Building & utility upgrades
    - Refurbishment of existing equipment
    - Installation of new equipment

## La Verne Shops Building Improvements

### Alternatives Considered

- Construct new shop buildings
  - At the Weymouth facility – not enough space
  - New off-site shop building – not cost effective
- Outsource the shops' services
  - Would not meet normal or emergency operational turnaround time scenarios
  - Cost of water service delays
- Selected Alternative – Expand and modify the existing shops buildings
  - Cost effective while still maintaining Metropolitan's ability to respond during emergency or normal operational scenarios

# Contractor Scope

- Construct building & utility improvements: building ladders-walkways, shop heaters, gas-water-airlines, & compressors
- Install new electrical UPC
- Refurbish existing blast booth & floor mill
- Replace press brake, shear, & band saw
- Install new water jet cutting system & large vertical milling center





# Metropolitan Scope

- Provide equipment to contractor
  - Water jet cutting system & vertical machining center
  - Hydraulic shear, press brake & band saw
- Inspection and construction management
- Submittal review, record drawings & technical support
  - Equipment foundations & installation support
- Force Construction
  - Equipment - electrical & SCADA tie-in
  - Tie-in UPC to substation electrical

## New Agreement – Richard Brady & Associates

- Engineer of Record
- Scope of work
  - Respond to Requests for Information from contractors & submittal review
  - Technical support & record drawings
- SBE participation level: 20%
- NTE amount: \$650,000

# Bid Results

## Specifications No. 1873A

Bids Received	March 15, 2022
No. of Bidders	7
Low Bidder	Woodcliff Corporation
Low Bid	\$18,930,000
Range of Higher Bids	\$19.3 M to \$21.9 M
Engineer's Estimate	\$21.9 M
SBE Participation*	15%

\*SBE (Small Business Enterprise) participation level set at 15%



# Allocation of Funds

## Contract

Woodcliff Corporation	\$18,930,000
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## Metropolitan Labor

Program Mgmt. & Contract Admin.	460,000
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Force Construction	195,000
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Construction Management/Inspection	2,143,000
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Submittal Review, Technical Support & Record Drwgs	800,000
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## Professional Services

Richard Brady & Associates	650,000
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Remaining Budget	1,522,000
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Total	\$24,700,000
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# Project Schedule



Board Action



Construction



Completion of  
Construction

# Board Options

- Option #1

Adopt the CEQA determination that the proposed action was previously addressed in the certified Program Environmental Impact Report and related CEQA actions, and

- a) Award \$18,930,000 contract to Woodcliff Corporation for the La Verne Shops Improvements, Stage 5.
- b) Authorize an agreement with Richard Brady & Associates for a not-to-exceed amount of \$650,000.

- Option #2

Do not proceed with the project at this time.



# Staff Recommendation

- Option #1

