



Item No: 8B
Date of Meeting: October 5, 2021

IDIQ CONTRACT PROCUREMENT AUTHORIZATION FOR T-18 IMPROVEMENTS (POS VOTE ONLY)

PROJECT AUTHORIZATION T-18 Bollards, Shore Power, and Dock Rehabilitation Preliminary Design

Presenter:

Catherine Chu, Capital Project Manager V, Port of Seattle

Contract Authorization for IDIQ for T-18 Improvements

Port of Seattle Commission only to vote:

Request Port of Seattle Commission authorization for the Executive Director to execute an Indefinite Delivery, Indefinite Quantity (IDIQ) professional services agreement for T-18 Bollard Replacement Design, T-18 Shore Power Design, and T-18 Dock Rehabilitation Assessment and Design, for a cumulative total amount not to exceed \$15,000,000 and a contract ordering period of five years.



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Project Authorization

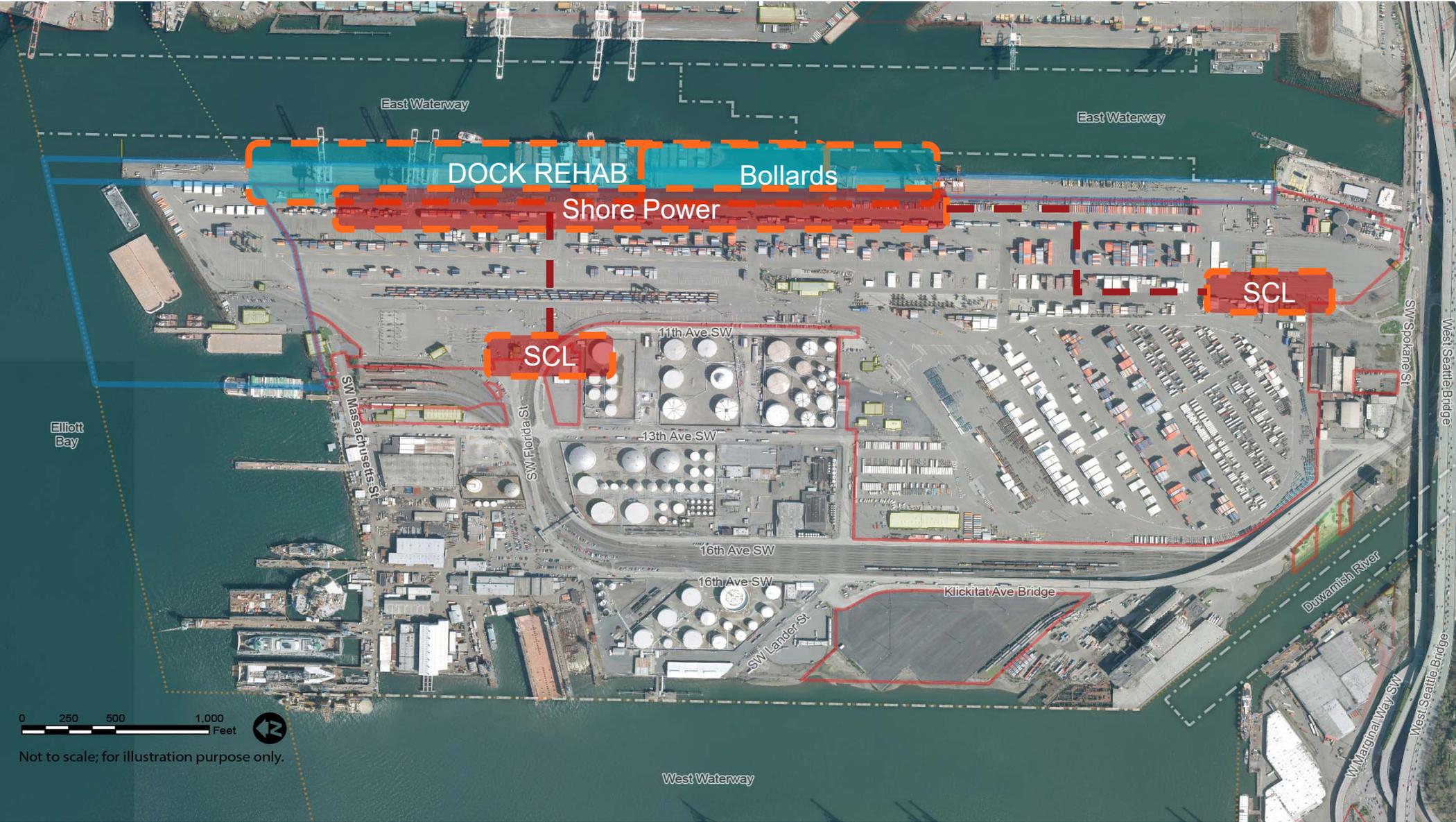
T-18 Bollards, Shore Power, and Dock Rehab Preliminary Design

As referenced in NWSA Resolution No. 2020-02, Exhibit A, Delegation of Authority Master Policy, Paragraph 8.c.iii., states project costs exceeding \$300,000 require approval from Managing Members.

Request preliminary design authorization in the amounts of:

Project Name and Master Identification No.	Requested Amount	Total Authorization including this Request
T18 Bollards / U00688	\$300,000	\$300,000
T18 Shore Power / U00670	\$650,000	\$800,000
T18 Dock Rehab / U00687	\$600,000	\$600,000





DOCK REHAB

Bollards

Shore Power

SCL

SCL

Elliott Bay

SW Massachusetts St

SW Florida St

11th Ave SW

13th Ave SW

16th Ave SW

16th Ave SW

SW Lander St

Klickitat Ave Bridge

Duwamish River

W Marginal Way SW

SW Spokane St

West Seattle Bridge

West Seattle Bridge

West Waterway

0 250 500 1,000 Feet



Not to scale; for illustration purpose only.

Bollard Improvement Project



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Background

T-18 Bollards, Shore Power, and Dock Rehab Preliminary Design Authorization

Project Objectives:

- Support NWSA's Greenhouse Gas Resolution and Northwest Ports

Clean Air Strategy

- Maximize grant funding opportunities
- Customer service
- Asset preservation



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Project Description and Details

T-18 Bollards, Shore Power, and Dock Rehab Preliminary Design Authorization

- The proposed condition assessments and preliminary design include the following:
 - **T-18 Bollard Replacement:** Preliminary design and begin permitting to replace two bollards at T-18 up to 60-ton capacity to meet vessel operation requirements.
 - **T-18 Shore Power:** Perform a condition assessment and preliminary design to install shore power infrastructure at two berths at T-18 and upgrade electrical infrastructure as required.
 - **T-18 Dock Rehabilitation:** Perform condition assessments and preliminary design to rehabilitate piles, pile caps, deck panels, bollards, and related infrastructure to preserve existing use while extending the service life of the rehabilitated components by 25 to 30 years.



Project Schedule

T-18 Bollards, Shore Power, and Dock Rehab Preliminary Design Authorization

Activity	Timeframe
Advertise for Consultant Contract	November, 2021
Contract Execution	May, 2022

Design, permitting and construction of the projects will be authorized separately and in phases after completion of preliminary design. All projects are expected to be completed no later than 2026.



Source of Funds

T-18 Bollards, Shore Power, and Dock Rehab Preliminary Design Authorization

	Bollards	Shore Power	Dock Rehab
Estimated assessments/ Pre-design costs	\$300,000	\$800,000	\$600,000
Total estimated costs	\$5,300,000	\$30,100,000	\$60,200,000
Current CIP budget	\$2,165,000	\$28,595,000	\$69,519,000
All work and associated budget is consistent with the NWSA valuation			

The current Capital Investment Plan (CIP) Budget will be updated when the design has progressed far enough to provide a more accurate estimate.



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Financial Summary

T-18 Bollards, Shore Power, and Dock Rehab Preliminary Design Authorization

	This Request	Total Project Cost	Cost to Date	Remaining Cost
Bollards	\$ 300,000	\$ 5,300,000	\$ -	\$ 5,300,000
Pre-Design	\$ 150,000	\$ 150,000	\$ -	\$ 150,000
Design	\$ 150,000	\$ 1,150,000	\$ -	\$ 1,150,000
Construction	\$ -	\$ 4,000,000	\$ -	\$ 4,000,000
Shore Power	\$ 650,000	\$ 30,100,000	\$ 20,000	\$ 30,080,000
Pre-Design	\$ 650,000	\$ 800,000	\$ 20,000	\$ 780,000
Design	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000
Construction	\$ -	\$ 28,100,000	\$ -	\$ 28,100,000
Dock Rehab	\$ 600,000	\$ 60,200,000	\$ -	\$ 60,200,000
Pre-Design	\$ 600,000	\$ 600,000	\$ -	\$ 600,000
Design	\$ -	\$ 2,000,000	\$ -	\$ 2,000,000
Construction	\$ -	\$ 57,600,000	\$ -	\$ 57,600,000



Environmental Impacts/Review

T-18 Bollards, Shore Power, and Dock Rehab Preliminary Design Authorization

- **Permitting**: The assessments and preliminary design phase will identify requirements for permitting if we decide to move forward to the next phases.
- **Remediation**: The assessments and preliminary design phase will identify any remediation requirements and opportunities if we decide to move forward to the next phases.
- **Stormwater**: The assessments and preliminary design phase will identify any stormwater requirements and opportunities if we decide to move forward to the next phases.
- **Air Quality**: The shore power project supports NWSA's Greenhouse Gas Resolution and Northwest Ports Clean Air Strategy. The assessments and preliminary design phase will identify any other air quality requirements and opportunities if we decide to move forward to the next phases.



Conclusion:

IDIQ Contract Procurement Authorization for T-18 Improvements T-18 Bollards, Shore Power, and Dock Rehab Preliminary Design Authorization

1. **For Port of Seattle Commission only to vote:** Request Port of Seattle Commission authorization for the Executive Director to execute an Indefinite Delivery, Indefinite Quantity (IDIQ) professional services agreements for T-18 Bollard Replacement Design, T-18 Shore Power Design, and T-18 Dock Rehabilitation Assessment and Design, for a cumulative total amount not to exceed \$15,000,000 and a contract ordering period of five years. No funding is associated with this request.
2. **For NWSA Managing Members to vote:** As referenced in NWSA Resolution No. 2020-02, Exhibit A, Delegation of Authority Master Policy, Paragraph 8.c.iii. states project costs exceeding \$300,000 require approval from Managing Members. Request:
 - a. Project authorization in the amount \$300,000, for a total authorized amount of \$300,000 for preliminary design for the T-18 Bollard Replacement Project, Master Identification No. U00688.
 - b. Project authorization in the amount \$650,000 for a total authorized amount of \$800,000 for condition assessment and preliminary design for the T-18 Shore Power Project, Master Identification No. U00670.
 - c. Project authorization in the amount \$600,000, for a total authorized amount of \$600,000 for condition assessment and preliminary design for the T-18 Dock Rehabilitation Project, Master Identification No. U00687.

