

This document is a text-only recovery of the original PDF file. Any graphics that were in the original PDF are not included here.
If you need the original document, please contact the Commission Clerk at the Port of Seattle.

Item No.: 8d_Supp

Date of Meeting: June 11, 2024

T-91 LED Lighting Upgrades - Design

WP# N10343, CIP:C801297

June 11, 2024

Jennifer Maietta, Director, Real Estate Asset Management

Sam Hansen, Project Manager, Waterfront Project Management

Sarah Ogier, Director, Maritime Environmental & Sustainability

Action Request

Request Commission authorization for the Executive Director to complete design of LED lighting and controls upgrades at T-91. This request is for \$700,000 and would increase the total project authorization to date to \$750,000 out of a total estimated project cost of \$3,600,000.

2

Overview

- Project Location
- Project Scope & Sustainability
- Community Outreach
- Financial Implications
- Preliminary Schedule
- Summary Recommendation

3

Project Location – T-91

Pier 90

Pier 91

Uplands

4

Project Scope

- Replace all existing pole mounted lighting with LED fixtures
- Install new lighting control systems
- Install smart meters
- Conduct small works lighting demonstration at 30% design stage

5

Project Sustainability

- Advance the Port's Century Agenda sustainability goals
- Objective 9: Meet all increased energy needs through conservation and renewable sources
- MCAAP (Maritime Climate and Air Action Plan)
- 75% of Port managed spaces converted to LED by 2025
- 100% of Port and Tenant managed spaces converted to LED by 2030
- Sustainable Evaluation Framework
- Reduce greenhouse gas emissions and energy consumption by replacing high energy use

lighting with efficient LED lighting

- Protect health and the environment by ensuring lighting does not leach zinc into the Puget Sound.
- Protect the community and aquatic habitat by limiting light pollution, utilizing directional shields, and considering warm light tones

6

Community Outreach

- Initial project information provided at Neighbors Advisory Committee (NAC) on May 15th
- Lighting demonstration planned at 30% design stage to provide NAC members an opportunity to provide input on project.

7

Financial Implications

ITEM THIS REQUEST TOTAL PROJECT

Design \$700,000 \$750,000*

Construction \$0 \$2,850,000

TOTAL \$700,000 \$3,600,000

*Includes prior authorization of \$50,000 seed money for planning

Estimated Energy Savings: 612,356 kWh/yr.

Estimated Utility (SCL) Rebate: \$171,739

Estimated Annual Utility Savings: \$61,235

8

Preliminary Schedule

Commission Design Authorization 2024 Q2

Community Outreach

Design Start 2024 Q3

Commission Construction Authorization 2025 Q2

Construction Start 2025 Q3

In-Use Date 2026 Q2

9