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Item No. 8j\_supp

Meeting Date: November 14, 2023

Flow Meter Replacement in the  
Central Mechanical Plant (CMP)

Joe Cook Matthew Piccolo

AV F&I – Mech. Engineering Manager AV PMG – Capital Project Manager

Project Scope

This is a renewal and replacement project for the cooling system flow meters and select isolation valves in the CMP which are at the end of their service life.

- Replace 31 flow meters
- Replace 4 isolation valves
- Integrate flow meters and isolation valves with the Direct Digital Control (DDC) System

- Connect flow meters to the flow rate remote displays

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Schedule

Milestone Date

Design Complete Q4 2024

Advertisement for Construction Q1 2025

Construction Start Q3 2025

Substantial Completion Q3 2026

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Budget

Cost Estimate Capital ERL Total

Design & Other Soft Costs \$1,609,000 \$0 \$1,609,000

Construction \$2,626,000 \$0 \$2,626,000

Project Cost Estimate \$4,235,000 \$0 \$4,235,000

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Action Requested

- Prepare design and construction bid documents;
- Advertise, bid, and execute a major works construction contract for the project;
- Authorize the use Port of Seattle Crews and small works contracts to support the

design and construction activities;

- Requesting \$4,185,000 for an estimated total project cost not to exceed \$4,235,000, this will fully authorize this project.

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QUESTIONS?

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