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Item No. 8c_supp
Meeting Date: May 23, 2023
Boiler Room Upgrades
Joe Cook Presenter: Tyler Salisbury - AV PMG
AV F&I – Mechanical Project Manager: Christian Venturino -
Engineering Manager AV PMG

Project Scope
Project replaces failing controls components of
Central Mechanical Plant's heating system to
ensure continuous reliable supply of steam for
space heating and domestic hot water uses in
concourse and terminal areas. Central Mechanical Plant (CMP)
Scope includes:

Boiler #2
1. Modify Boiler #4 to allow dual-fuel (natural Boiler #4
Boiler #1
Boiler #3
gas and diesel) operation.
2. Install new Exhaust Gas Analyzer for Boiler #4.
3. Install new flow meters for Boilers #1-4.
4. Upgrade control panels.
5. Install boiler emergency shut down buttons.

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Project Schedule
Milestone Date
Final Design Complete Q3 2024
Commission Authorization for Construction Q4 2024
Notice to Proceed Q1 2025
Substantial Completion Q1 2026

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Project Budget
Cost Estimate Capital Expense Total
Original estimate \$3,406,000 \$0 \$3,406,000
Current change \$1,433,000 \$0 \$1,433,000
Revised estimate \$4,839,000 \$0 \$4,839,000

Authorization Capital Expense Total
Previous authorizations \$40,000 \$0 \$40,000
Current request for authorization \$1,479,000 \$0 \$1,479,000
Total authorizations, including this request \$1,519,000 \$0 \$1,519,000
Remaining amount to be authorized \$3,320,000 \$0 \$3,320,000

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Action Requested

- Increase the project budget for the Boiler Room Upgrades project in the amount of \$1,433,000
 - New total project budget of \$4,839,000
- Prepare design and construction bid documents for the Boiler Room Upgrades project
- Utilize Port of Seattle crews to support design and construction activities
- Request to authorize \$1,479,000
 - Estimated total project cost not to exceed \$4,839,000

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Questions?

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