

Boiler Room Upgrades

Joe Cook
AV F&I – Mechanical
Engineering Manager

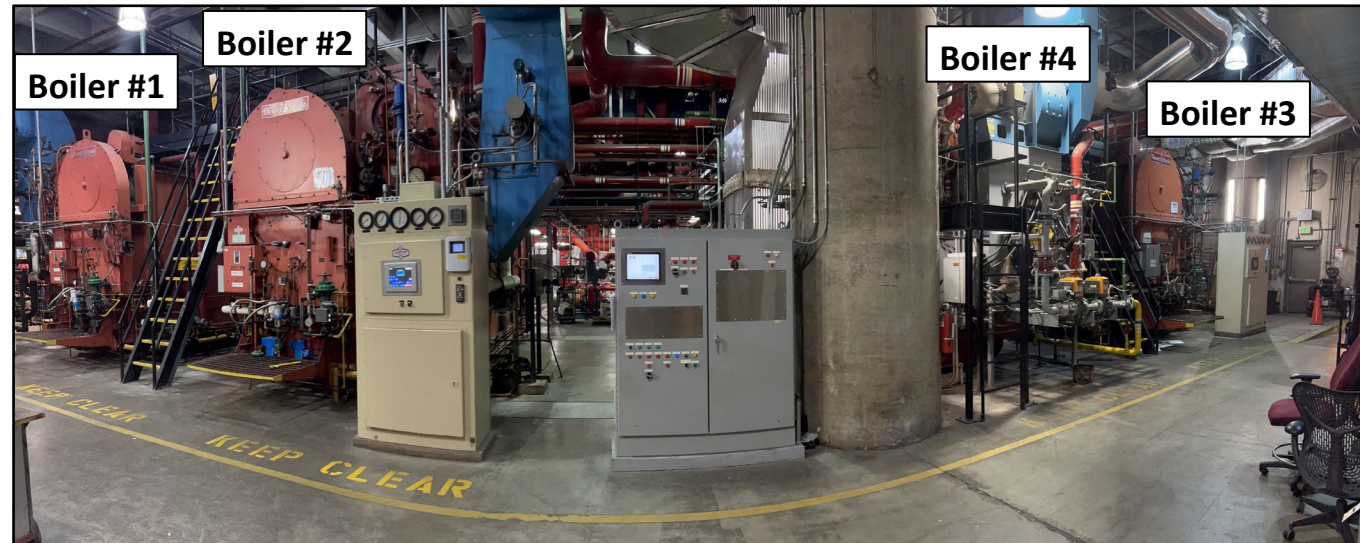
Presenter: Tyler Salisbury - AV PMG
Project Manager: Christian Venturino -
AV PMG

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.

Scope includes:

1. Modify Boiler #4 to allow dual-fuel (natural 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.



Project Schedule

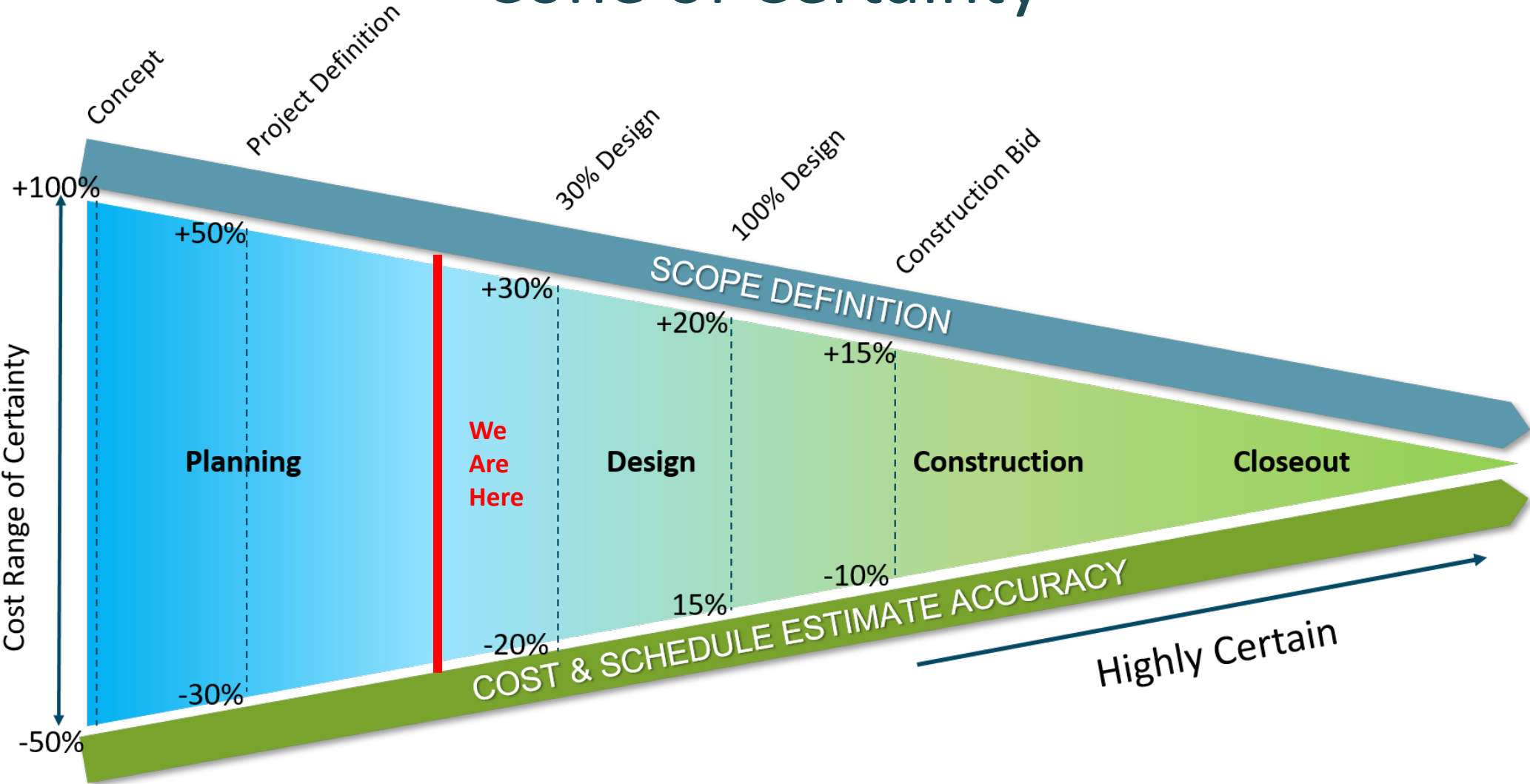
Milestone	Date
Final Design Complete	Q3 2024
Commission Authorization for Construction	Q4 2024
Notice to Proceed	Q1 2025
Substantial Completion	Q1 2026

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

Cone of Certainty



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

Questions?