

Deaerator (DA) and Condensate System Upgrades

Joe Cook

AV F&I – Mech. Engineering Manager

Matthew Piccolo

AV PMG – Capital Project Manager

Action Requested

- Advertise, award, and execute a major works construction contract for the project
- Execute related project change orders, amendments, work authorizations, purchases, contracts, and take other actions necessary to support and deliver the project within the approved budget
- Authorization the use of Port of Seattle Crews and small works contracts to support construction activities
- Authorize \$11,056,000 for a total project cost not to exceed 14,656,000

Project Overview

The project replaces old heating system components in SEA's Central Mechanical Plant (CMP) that supply space heating and domestic hot water throughout concourse areas.



Project Scope

- Install deaerator (DA) tank, steam condensate tank, blowdown flash tank
- Install new feedwater and condensate pumps with energy-efficient variable frequency drives
- Remove Boiler Room air handling unit and three old air compressor systems



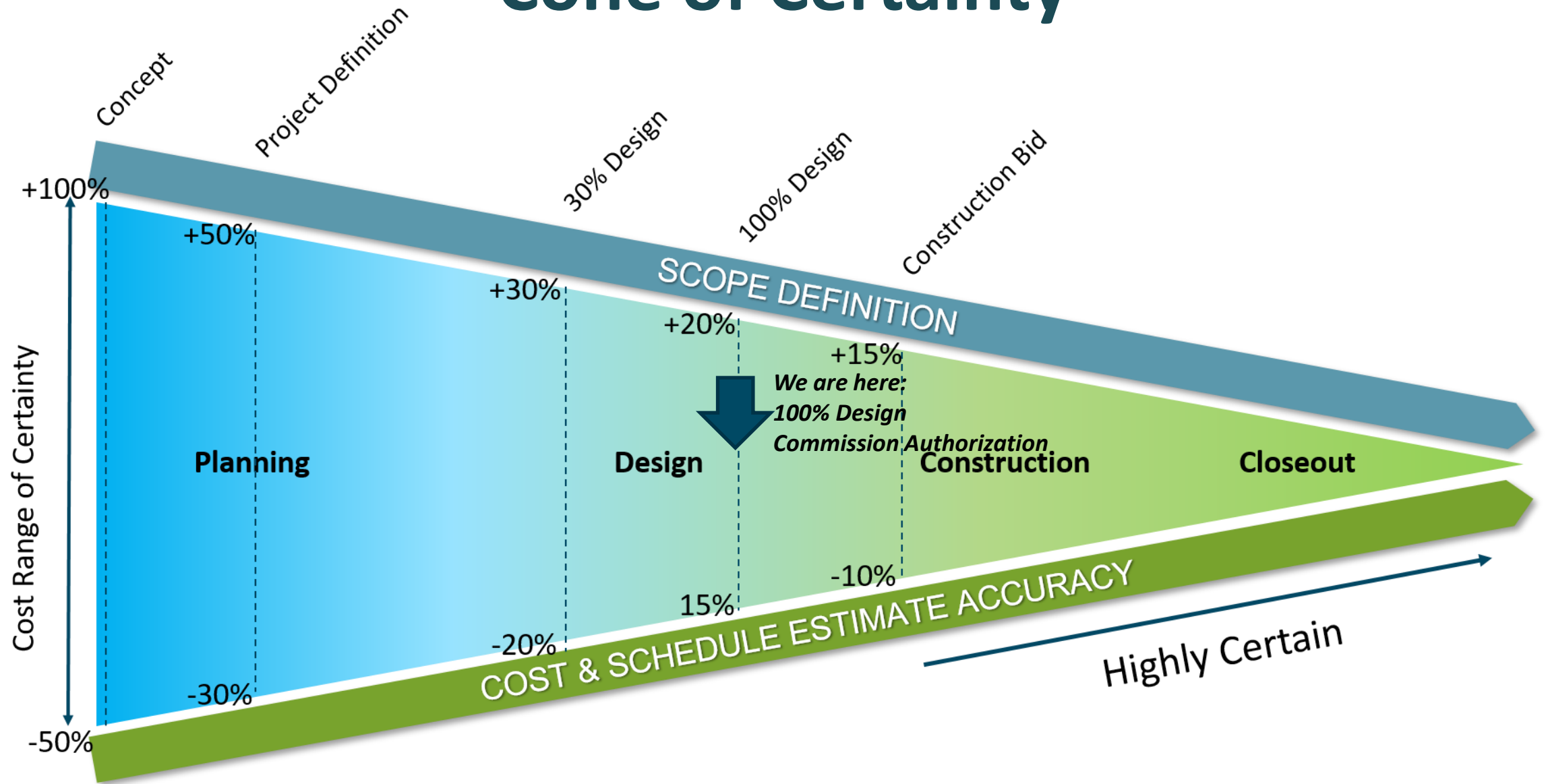
Schedule

Milestone	Date
Commission Authorization for Design	Q2 2023
Commission Authorization Construction	Q4 2025
Advertise for Construction Bids	Q1 2026
Notice to Proceed – DA & Condensate Tanks	Q2 2026
Substantial Completion – DA & Condensate	Q3 2028

Budget

Cost Estimate	Capital	Expense	Total
Project Budget (Authorized April 2023)	\$14,444,000	\$212,000	\$14,656,000

Cone of Certainty



QUESTIONS?