

Flow Meter Replacement in the Central Mechanical Plant (CMP)

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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



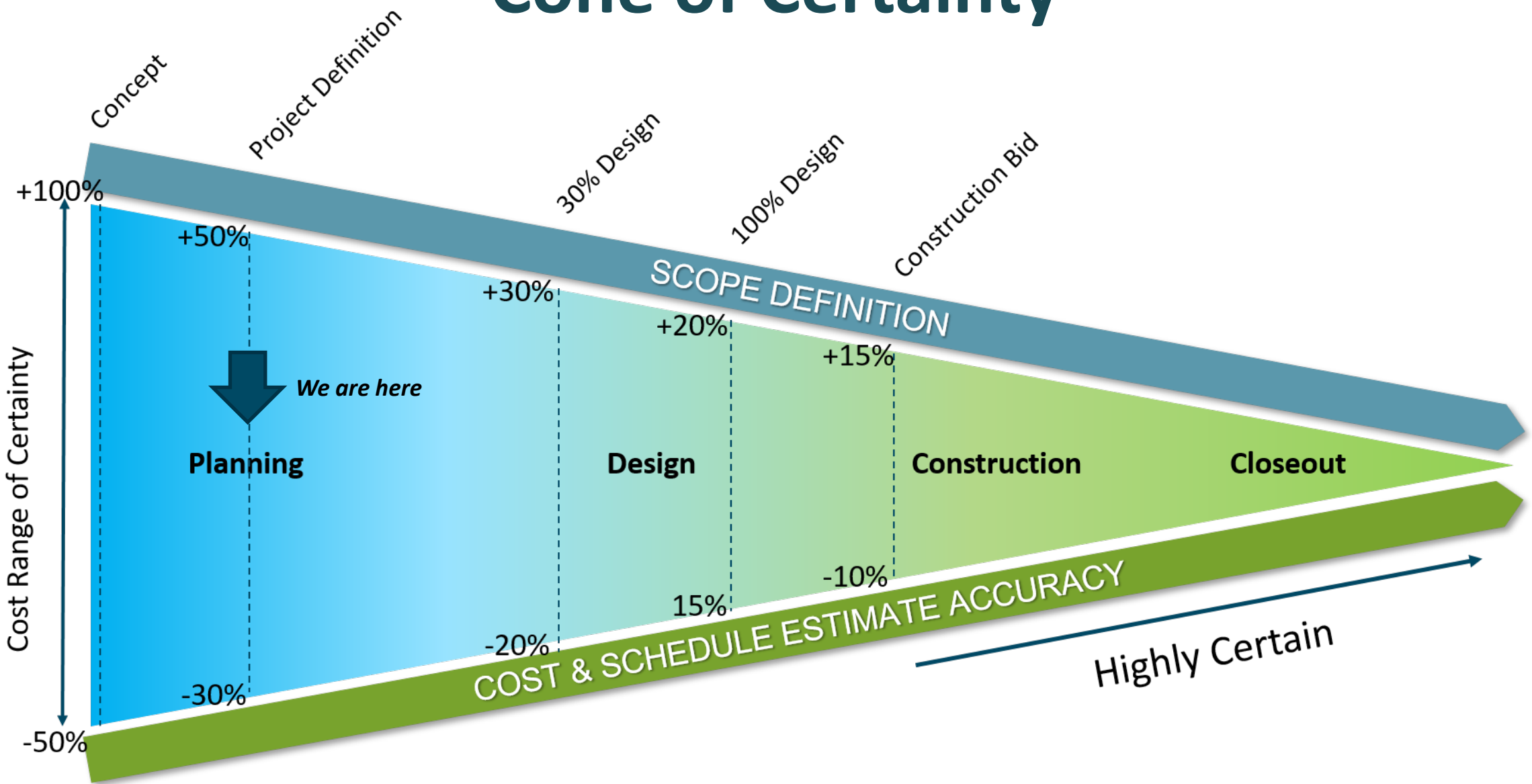
Schedule

Milestone	Date
Design Complete	Q4 2024
Advertisement for Construction	Q1 2025
Construction Start	Q3 2025
Substantial Completion	Q3 2026

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

Cone of Certainty



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.

QUESTIONS?