



San Francisco
**Water
Power
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Services of the San Francisco
Public Utilities Commission

**SEWER
SYSTEM**

IMPROVEMENT PROGRAM
Grey. Green. Clean.



CS-389 Planning and Engineering Services Southeast Plant New 250 MGD Headworks Facility

Presentation to: BOS Budget & Finance Committee, July 10, 2024

Victor Shih, P.E., Project Engineer

Agenda

- Project Background
- CS-389 Scope of Services
- Need for Amendment
- Amendment Request
- Questions

SEP New Headworks Facility Project

Objectives

- Remove Grit to protect downstream processes
- Improve odor, noise, and visual quality
- Provide reliability and operational flexibility
- Improve seismic reliability
- Meet the permitted capacity of 250 million gallons per day (MGD)



SEP New Headworks Facility Project

Status

Project Cost: \$716.7M

Progress and Status:

Scope I (Site Prep):
Complete

Scope II.A (Bruce Flynn PS):
Complete

Scope III (Headworks):
97% Construction Completed



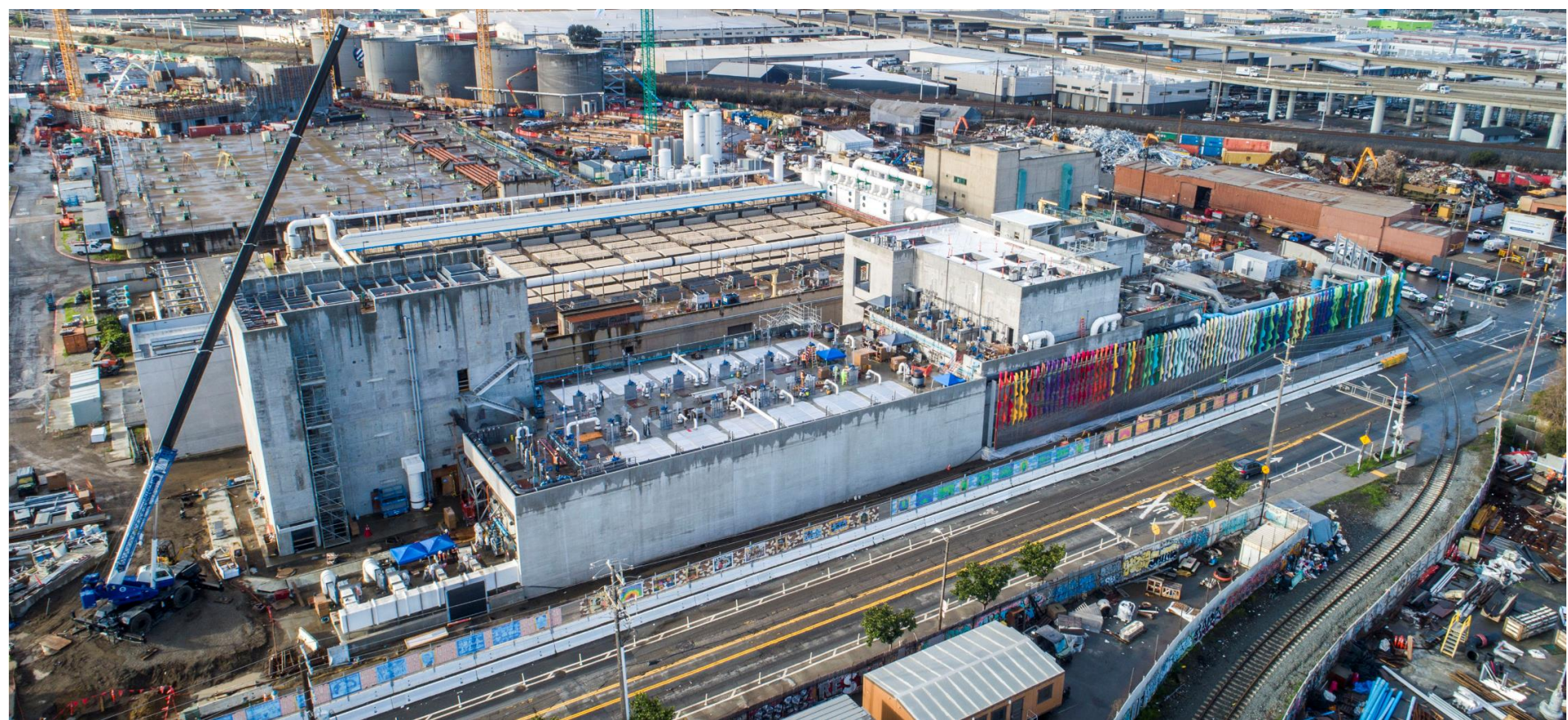
Project Schedule:



■ Planning through Bid & Award ■ Construction ■ Close Out

SEP New Headworks Facility Project

Scope III – Main Headworks



CS-389 Planning and Engineering Services

Need for Amendment

- Increased Level of Support due to Unforeseen Conditions in Construction
 - Impacts due to construction resequencing
 - Additional efforts related to new process control software system at the treatment plant
 - Unforeseen poor condition of existing influent channel requiring greater level of structural retrofit design
 - Supply chain challenges required evaluation of alternate material suppliers and manufacturers.

CS-389 Planning and Engineering Services Amendment Request

- Current approved contract amount is \$54.5M
- Approve to increase the contract amount by \$3M with no change to contract duration.

QUESTIONS
