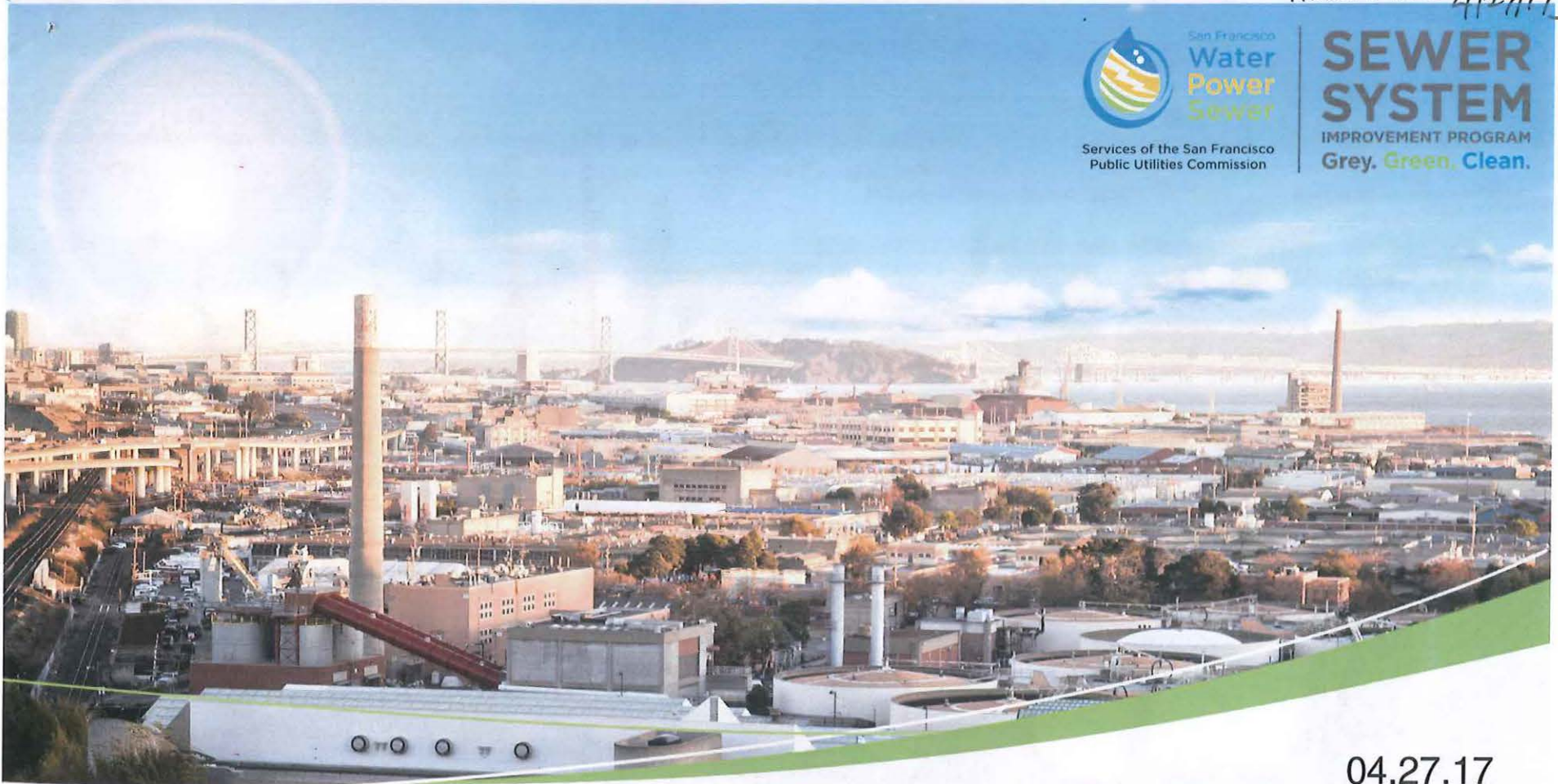


Item 4

File #170344
Received in Committee
4/27/17
fv.



SEWER SYSTEM
IMPROVEMENT PROGRAM
Grey. Green. Clean.

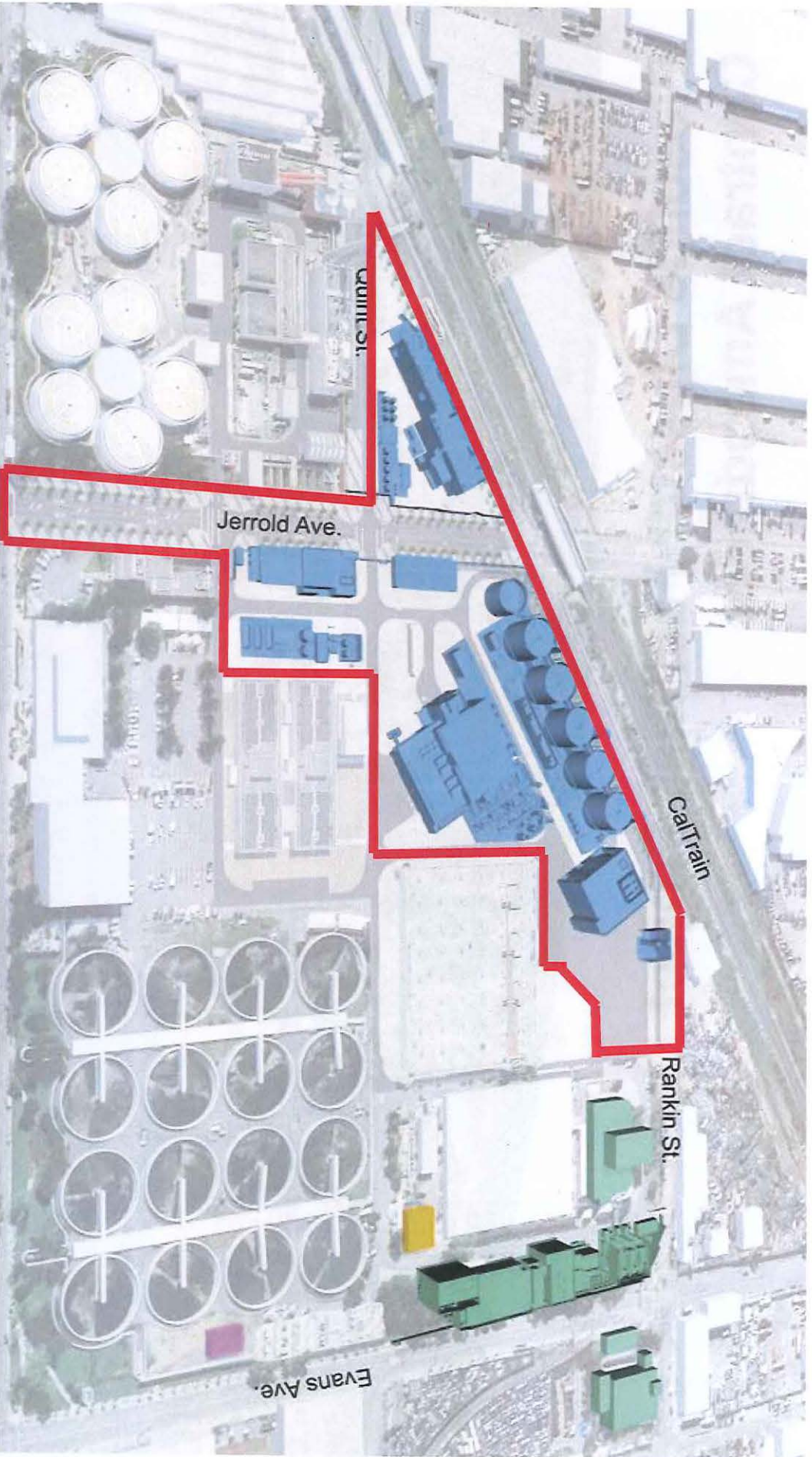


04.27.17

Biosolids Digester Facilities Project Contract Amendment

SF BOS: Budget & Finance Subcommittee

Biosolids Project Proposed Location



LEGEND

- SEP 521/522 & Disinfection Upgrades
- Headworks Facility
- Power Feed & Primary Switchgear Upgrades
- Biosolids Digester Facilities Project (BDFP)

Biosolids Key Project Features

- Reducing Number of Digesters from 9 to 5
- Increasing Electricity Generation from 2 MW to 5 MW
- Improving Biosolids output quality from Class B to Class A for more beneficial uses
- Designing to limit odors within the SEP fence line



Biosolids Project Conceptual Rendering



Biosolids Project Schedule

Phase	Start	Finish
Planning	January 2013	February 2016
Environmental Review	June 2015	March 2018
Draft EIR		May 2017
Final EIR		March 2018
Design	January 2016	August 2018
Construction	August 2018	May 2024
Start of Construction	August 2018	
Substantial Completion		August 2023
Final Completion		May 2024
Start-Up / Process Stabilization	August 2023	May 2025

CS-235 Planning and Engineering Services for Biosolids Project

- 2013 RFP for the project identified two phases of the contract:
 - Phase 1 consisted of Planning & Preliminary Engineering for \$80 million
 - Phase 2 consisted of Detailed Design, Procurement and Engineering Construction Support – this was stated to be “as-needed” in the RFP
- Original 2013 contract of \$80M was intended for consultant to complete Planning through 35%, then serve as an Owner’s Representative during construction.
 - It did not include Phase 2 work

Contract Modification

- At 35% Design: SFPUC concluded best option for moving forward CM/GC approach for project delivery and to retain the existing design team.
- Approach allows the design to proceed seamlessly without suspension as we wait for the certification of the Environmental Impact Report and acquisition of the proposed project sites, while maintaining the same design team for efficiency and continuity.

Request of BOS

- ***Request:*** Contract value increase of \$73.5M for a total contract value of \$153.5M; with a time extension of 29 months to December 31, 2025
- ***Contract Modification Provides:***
 - Continuity of the current Design team to complete through 100% Design
 - Engineering Support during Construction
 - Start-up and testing of new facilities
- **This budget amendment and time extension is within the SFPUC and BOS approved project budget and schedule and will not increase project budget and/or change the project schedule.**



THANK YOU.



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