


Orange County
Sanitation District
70th Anniversary

Headquarters Complex at Plant No. 1, Project No. P1-128A

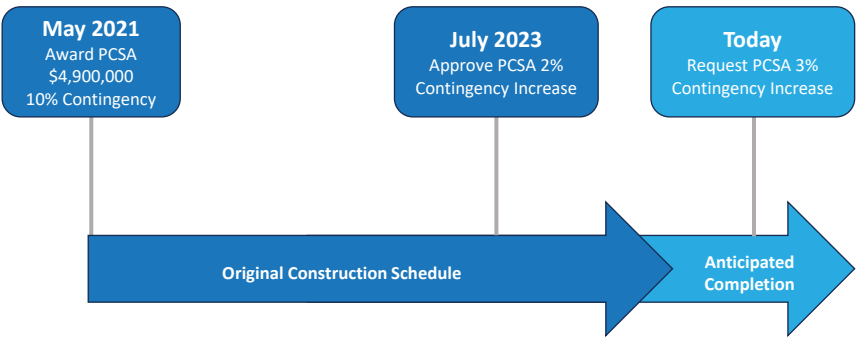
Presented by
Andrew Brown, Engineering Supervisor

Operations Committee
February 7, 2024

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Background



Date	Event
May 2021	Award PCSA \$4,900,000 10% Contingency
July 2023	Approve PCSA 2% Contingency Increase
Today	Request PCSA 3% Contingency Increase

Original Construction Schedule → Anticipated Completion

PCSA = Professional Construction Services Agreement

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PCSA Effort Impacts



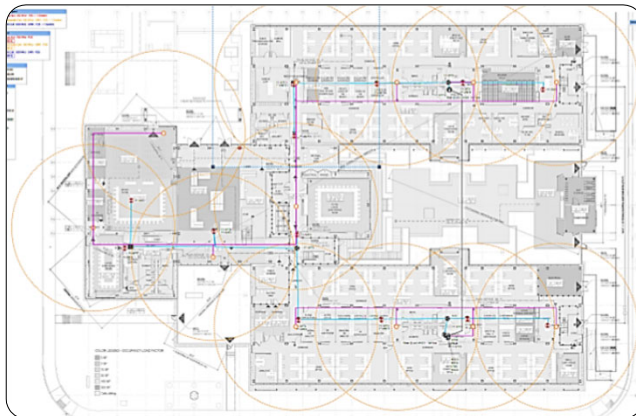
- Extended contract duration due to construction delays
- Higher number of resubmittals
- Request for Information (RFI) coordination more effort than anticipated
- Duplicate coordination effort with second Furniture, Fixtures, and Equipment (FFE) vendor
- Unexpected items requiring consultant support:
 - Distributed Antenna System (DAS) requirement
 - SCE street light metering requirements
 - Stormwater system redesign

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Distributed Antenna System (DAS)

A DAS is normally required for high-rise buildings. Energy efficiency glass impact police and fire communication signal requiring a DAS.





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Stormwater System

Grading and elevations for the bioretention basins updated to eliminate need for stormwater pumps which eliminates long-term O&M costs.






Grading Analysis

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PCSA Effort Impacts



Projected Amount to Complete Project	
Additional Construction Technical Support	\$203,000
Remaining Contingency	(\$75,000)
Additional Budget Required (2.6%)	\$128,000

Requested Budget (3%) = \$147,000

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Recommendation



Recommend to the Board of Directors to:

Approve a contingency increase of \$147,000 (3%) to the Professional Construction Services Agreement with HDR Engineering, Inc. for Headquarters Complex at Plant No. 1, Project No. P1-128A, for a total contingency of \$735,000 (15%) and a total contract amount not to exceed \$5,635,000.

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Questions?

1954 - 2024

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