

70

1954 - 2024

Orange County
Sanitation District
70th Anniversary

Ocean Outfall System Rehabilitation, Project No. J-117

Presented by
Mike Dorman, Director of Engineering

Operations Committee
June 5, 2024



Consultant Contingency Increase

1

Rehab and New Pump Station

70
Orange County
Sanitation District
70th Anniversary

Project J-117B Scope

PLANT WATER PUMP STATION

LOW FLOW PUMP STATION

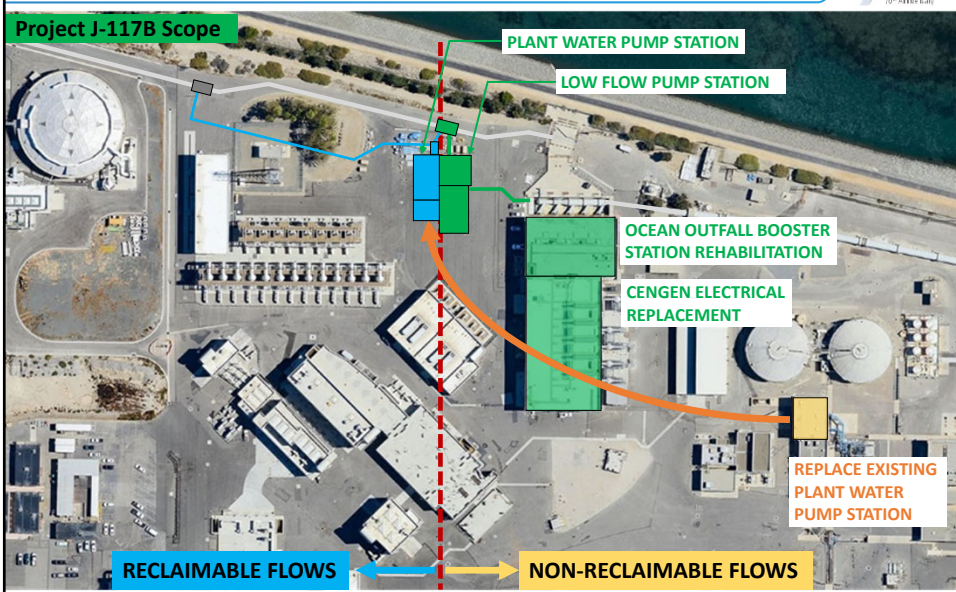
OCEAN OUTFALL BOOSTER STATION REHABILITATION

CENGEN ELECTRICAL REPLACEMENT

REPLACE EXISTING PLANT WATER PUMP STATION

RECLAIMABLE FLOWS

NON-RECLAIMABLE FLOWS



2

2

J-117 Project Scope



OOBS Pumps (2,650 HP)



OOBS 12kV Switchgear



Low Flow and Plant Water Pump Stations



Low Flow Pumps

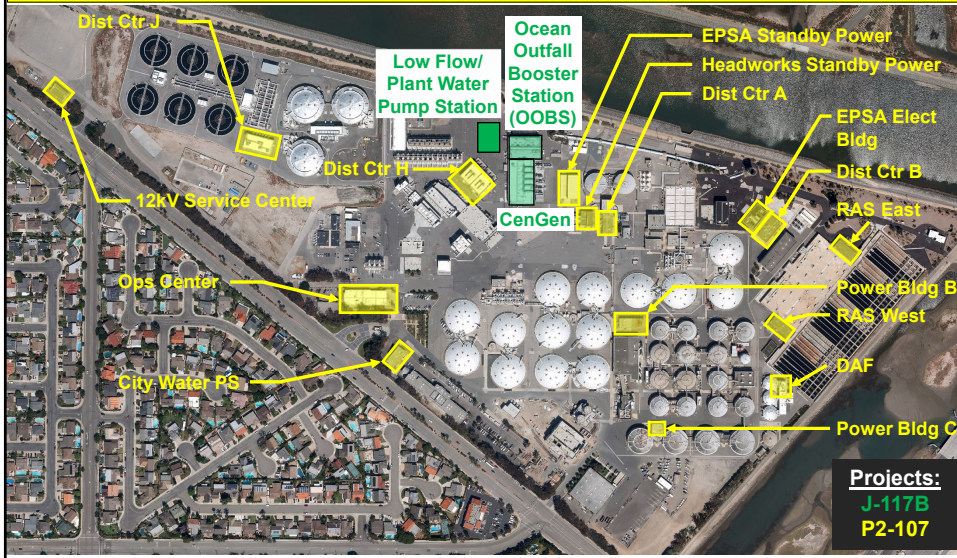
3

3

Electrical Control and Network

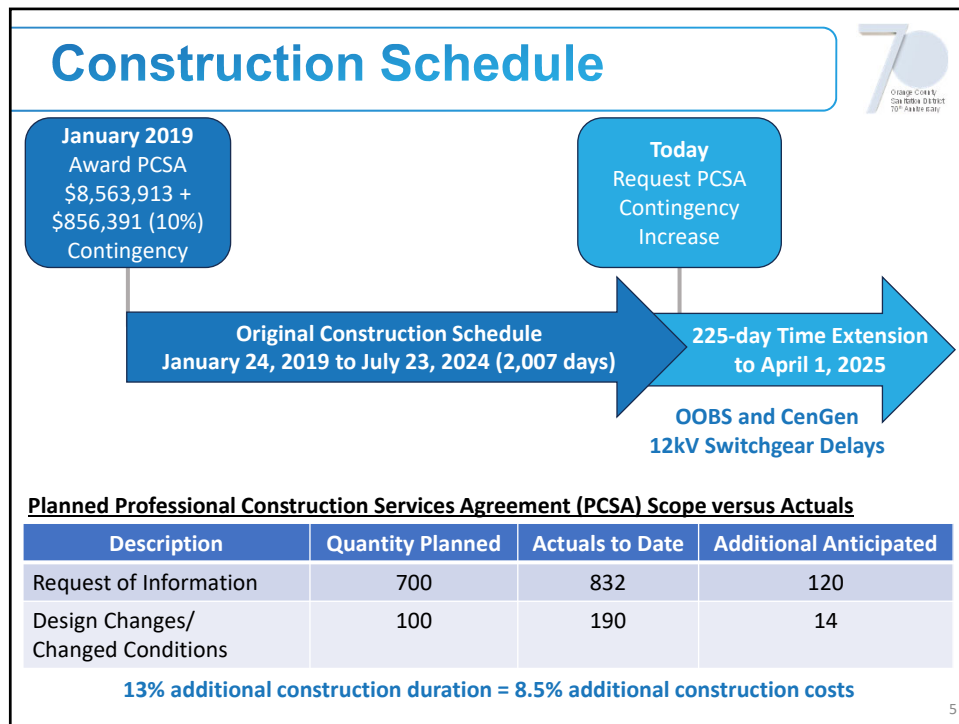


P2-107 Scope: Plant-wide electrical control system and industrial control system network



4

4



5

Additional Scope to Date

Description	Cost
Additional Dewatering Support	\$346,857
Electrical Design Changes	\$172,431
Cisco Switches Programming/Configuration	\$172,832
Additional Operations Manual, Standard Operations Procedures and Training	\$132,812
Total	\$824,932
Current Consultant Contingency (10%)	\$856,391
Remaining Contingency to Date	\$31,459
Additional Requested Contingency (8.5%)	\$727,933
Revised Remaining Contingency	\$759,392

6

Recommendation

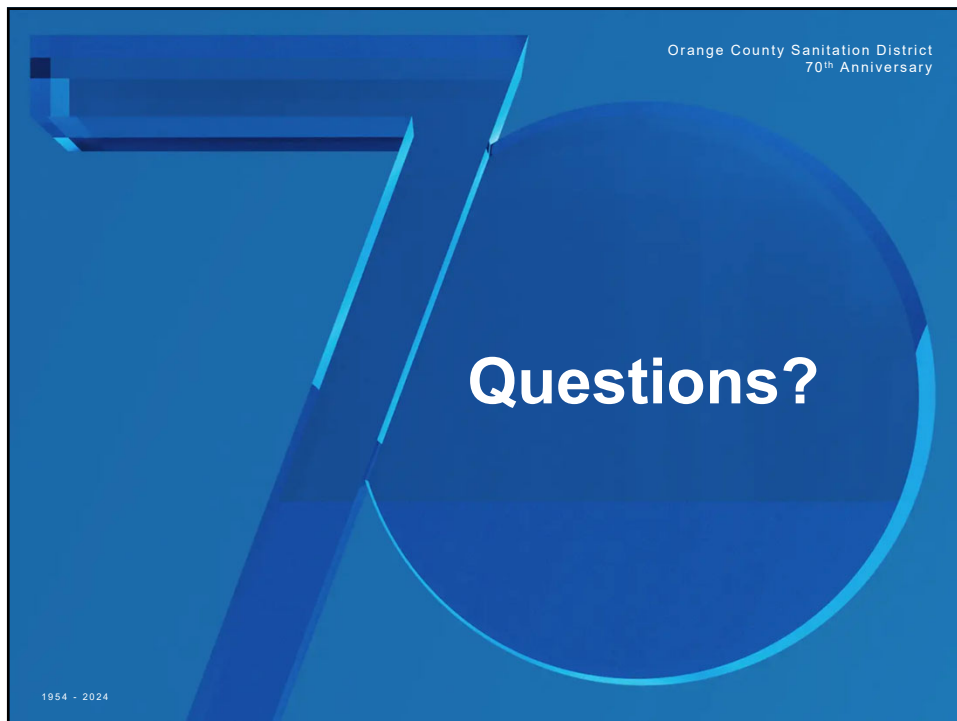


Recommend to the Board of Directors to:

Approve a contingency increase of \$727,933 (8.5%) to the Professional Construction Services Agreement with Brown and Caldwell for Ocean Outfall System Rehabilitation, Project No. J-117, Outfall Low Flow Pump Station, Contract No. J-117B, for a new total contingency not to exceed \$1,584,324 (18.5%).

7

7



8