

70 | Orange County Sanitation District 70th Anniversary
1954 - 2024

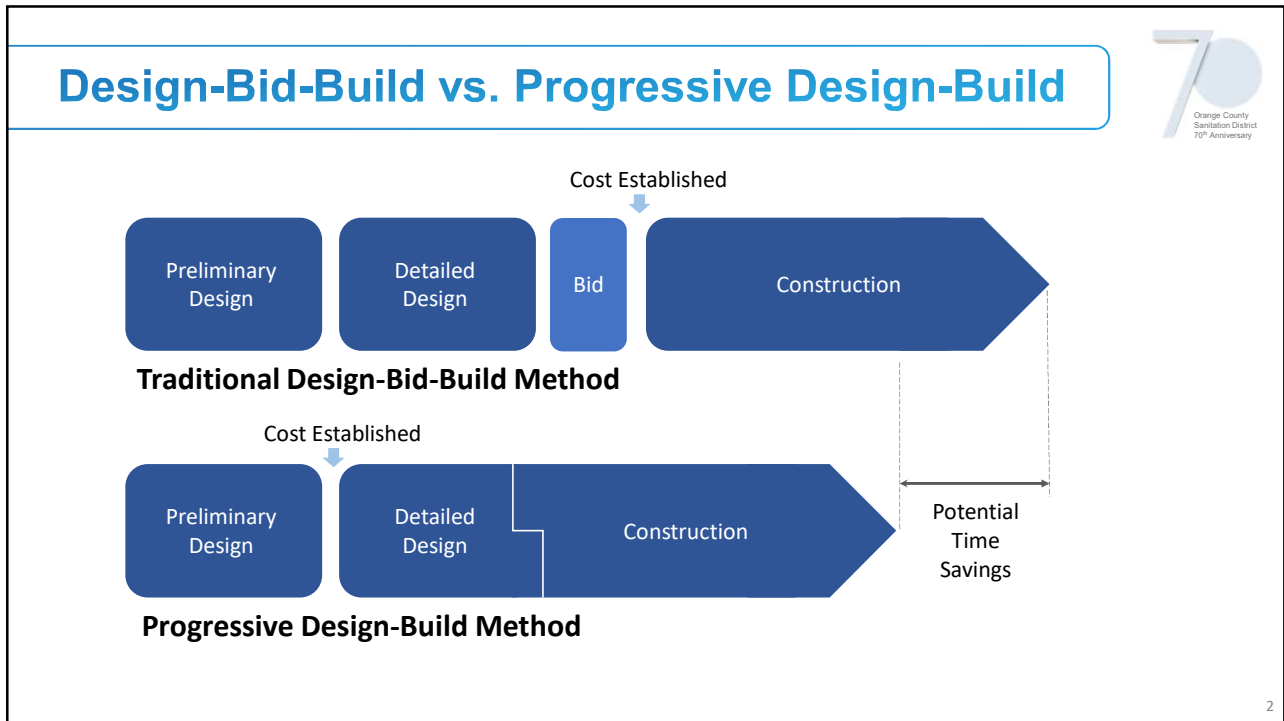
Progressive Design-Build Owner Advisor, Program Management, and Professional Engineering Support Services, Project No. PDB24-00

Presented by:
Don Cutler, Engineering Manager

Operations Committee
November 6, 2024

Professional Services Agreement

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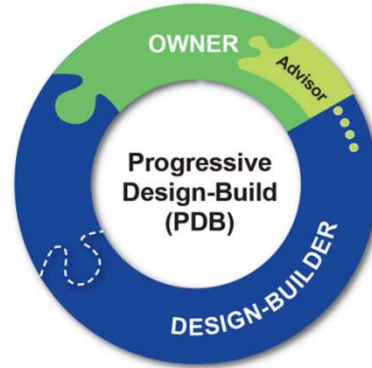


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Owner Advisor Scope



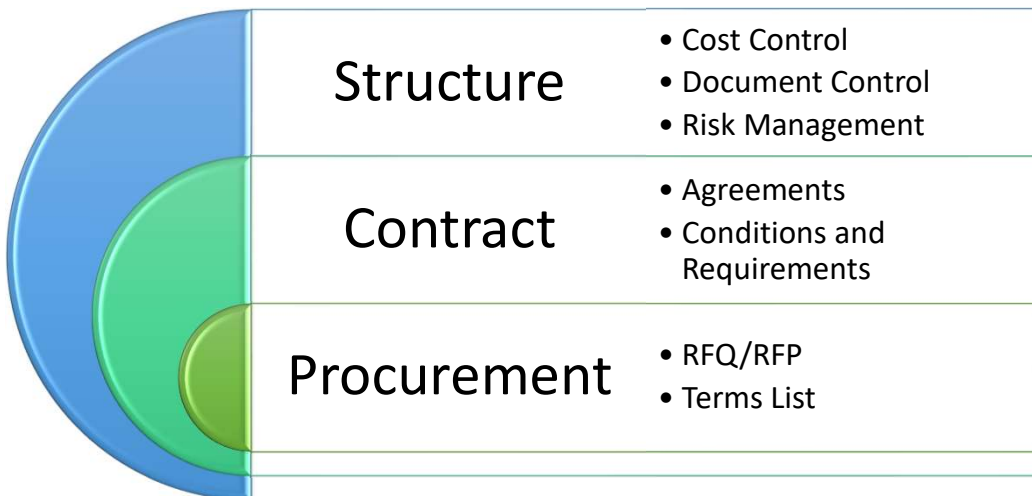
- Task 1 – Program Framework
- Task 2 – Ocean Outfalls Rehab
- Task 3 – Lab Replacement
- Task 4 – Future Project Support
- Task 5 – Legal Support



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Task 1 - Program Framework



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Task 2 – Project No. J-137 Ocean Outfalls Rehab



Why Progressive Design-Build?

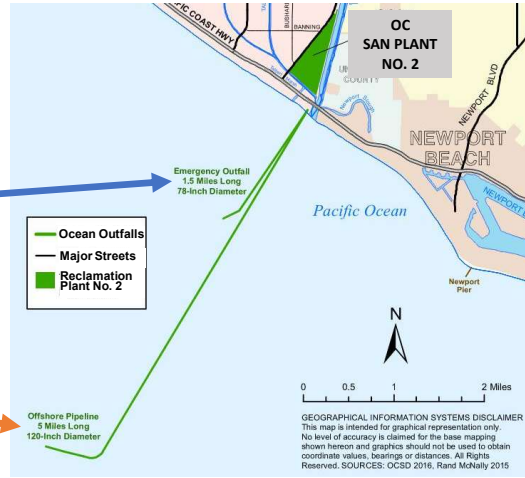
- Can select most qualified contractor
- Collaborative project delivery
- Contractor/Designer can inspect, design, and correct short outfall repairs
- Long outfall repairs are well defined

Short Outfall Scope:

- Condition assessment
- Essential repairs
- Port cleaning

Long Outfall Scope:

- Replace 47 manholes
- Clean inside pipe
- Replace flap gate
- Add ballast rock



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Task 3 – Project No. J-133 Lab Replacement



Why Progressive Design-Build?

- Project is well defined through a feasibility study
- Procurement type is common for buildings
- Turnkey delivery of project
- Building construction is not OC San's expertise

Project Scope:

- Existing Lab Building needs rehabilitation (36,000 sq ft to 56,000 sq ft)
- Replace existing Lab Building

Mt. Langley

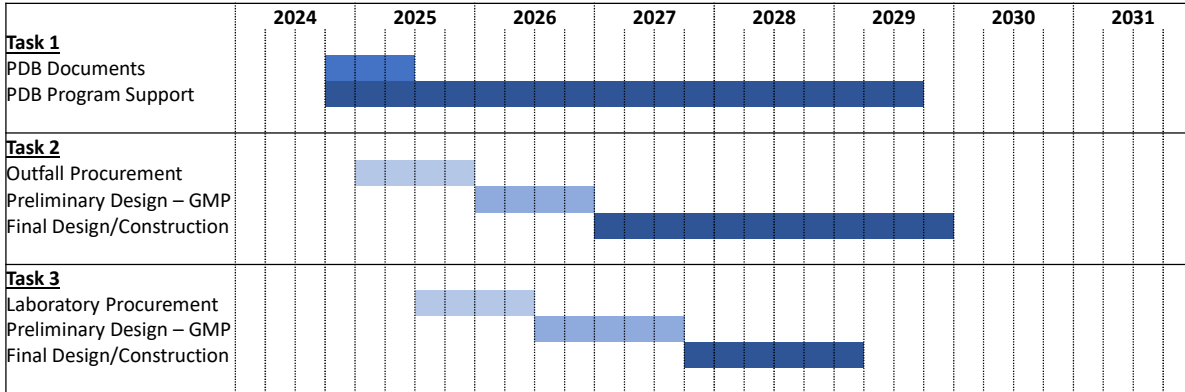
Headquarters Building



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Progressive Design-Build Schedule



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Selection Process

- 34 firms attended Pre-Proposal Meeting
- Two proposals received
- Hazen & Sawyer selected
 - Responsive proposal with sound project approach
 - Strong design-build team with OC San experience



Highlighted Experience

Program and Project Risk Management Plan
Providing clarity and transparency

Risk Category	Description
Unfamiliarity with the Alternation/Delivery Process (Scope, Education of All Stakeholders)	...
Risk of Permitting Delays	...
Quick Decision Making	...
Supply Chain Issues	...
Event Schedule	...

OCASAN
Progressive Design-Build Owner Advisor, Program Management, and Professional Engineering Support Service
PROJECT NO. PDBM-00
JULY 2024
Hazen

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Negotiations



- Clarified scope of work and design assumptions
- Confirmed full Construction Management services are required
- Additional effort for outfall inspection

Hours by Task	Original Proposal	Negotiated
Task 1	\$4,959,965	\$3,737,536
Task 2	\$6,683,104	\$7,941,723
Task 3	\$5,070,298	\$6,777,840
Task 4	\$621,947	\$632,900
Task 5	\$250,000	\$250,000
Total Fee	\$17,596,316	\$19,340,000
Total Hours	53,958	61,110

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Recommendation



Recommend to the Board of Directors to:

- Approve a Professional Services Agreement with Hazen and Sawyer to provide engineering services for Progressive Design-Build Owner Advisor, Program Management, and Professional Engineering Support Services, Project No. PDB24-00, for an amount not to exceed \$19,340,000; and
- Approve a contingency of \$1,934,000 (10 %).
- Find approval of the Professional Services Agreement with Hazen and Sawyer is not a project subject to the California Environmental Quality Act.

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