

Activated Sludge Aeration Basin Rehabilitation at Plant No. 2

Project No. P2-136

Presented by:
Charles Falzone
Engineering
Supervisor

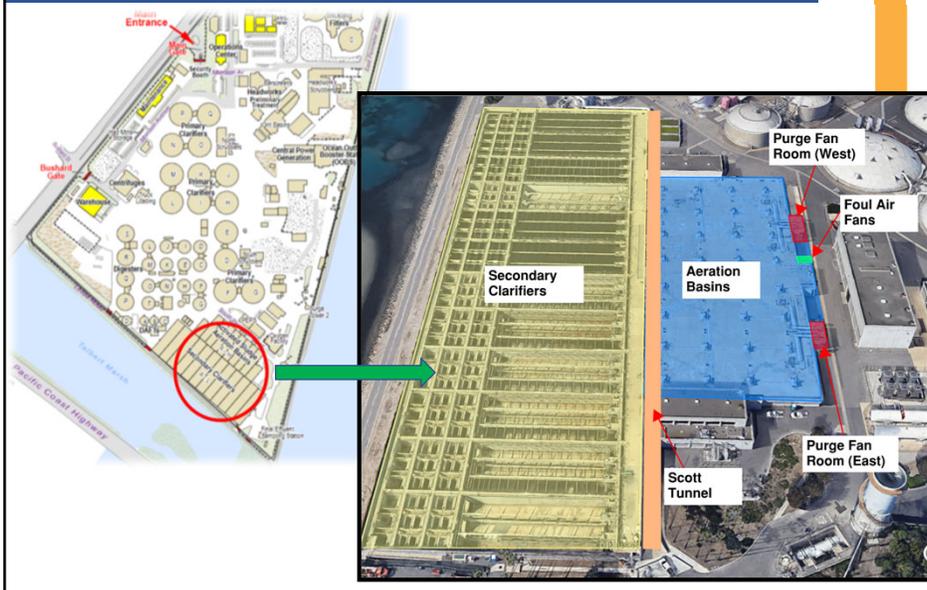
Operations
Committee
October 4, 2023

Consultant Design Award



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Project Location: Plant No. 2



2

Rehabilitate Concrete in Basins



Rehabilitate aeration basin deck



Seal leaking manholes



Rehabilitate concrete in tunnels



Rehabilitate interior of aeration basins

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Replace Aged Equipment



Replace handrails at secondary clarifiers



Replace mixer motors and equipment



Replace gates



Add air conditioning to control panels



Replace instrumentation



Replace oxygen piping

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Selection Process

- Three proposals received
- Clear scoring break – no interviews conducted
- Carollo Engineers, Inc. selected:
 - Provided detailed plan on how to execute the project to meet project goals and schedule
 - Recent and relevant experience for structural rehabilitation and condition assessment



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Negotiations

| | Original Proposal | Negotiated |
|--------------------|-------------------|-------------|
| Total Hours | 19,972 | 19,961 |
| Total Fee | \$6,035,804 | \$5,891,599 |

- Added SCADA monitoring and control to odor control fan system
- Reduced technical meetings and workshops
- Reduced condition assessment number of concrete cores
- Reduced sheet count of engineering drawings

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Recommendation

Recommend to the Board of Directors to:

- A. Approve a Professional Design Services Agreement with Carollo Engineering, Inc. to provide engineering services for Activated Sludge Aeration Basin Rehabilitation at Plant No. 2, Project No. P2-136, for an amount not to exceed \$5,891,599; and
- B. Approve a contingency of \$589,160 (10%).

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Questions



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