

DATE: December 03, 2025
TO: Orange County Sanitation District Board of Directors
FROM: Robert C. Thompson, General Manager
Through: Michael T. Dorman, Director of Engineering

This report provides a comprehensive quarterly overview of OC San's engineering contracts and project performance. It presents the status of active projects and commitments, change order performance, and contract activity across construction, professional services, master agreements, and supplemental services. Each section highlights key metrics such as award values, expenditures, and contingency use, offering insight into program health and trends over time.

Part 1 – Active Projects Overview

Part 2 – Active Contracts Overview

Part 3 – Construction Contracts

Part 4 – Construction Contracts Change Orders

Part 5 – Professional Design & Related Services

Part 6 – Master Agreements

Part 7 – Master Services Agreements

Part 8 – Supplemental Engineering Services Contracts

Part 9 – Programming Professional Services Contracts

Part 10 – On-Call Services Contracts

Part 11 – Appendix Tables

Active Projects Overview



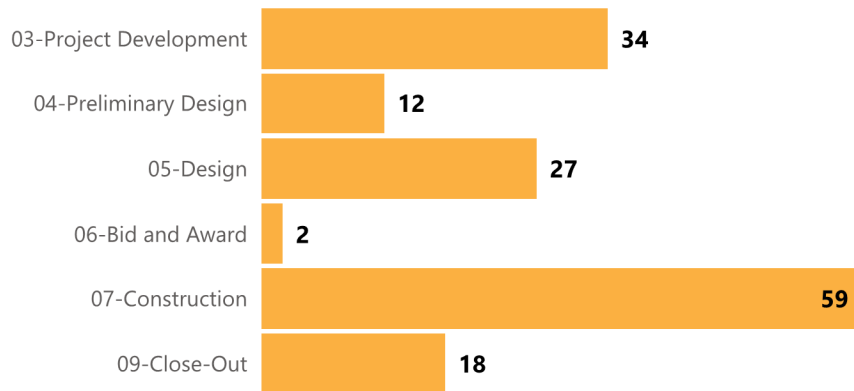
152

Projects

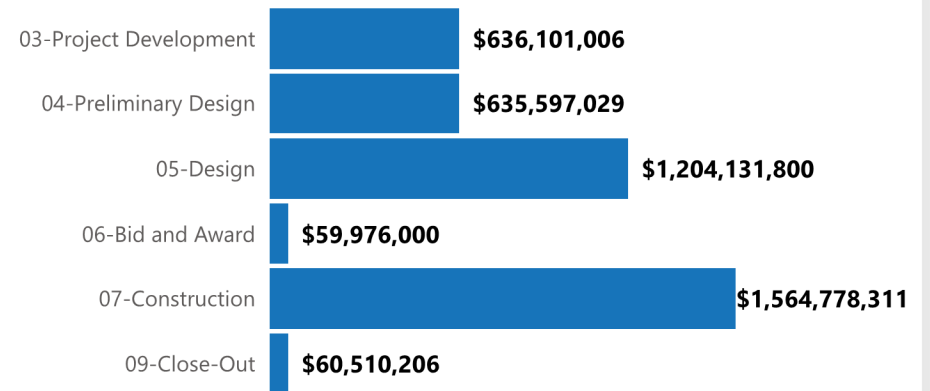
\$4,161,094,352

Total Projects Budget

Project Count by Phase



Project Budget by Phase



All OC San projects progress through a standard lifecycle, beginning with project development to establish the overall scope, moving through preliminary and detailed design where that scope is refined and key decisions are made, and ultimately culminating in construction where the design is brought to life. While the greatest effort occurs during construction, careful attention in the earlier stages is critical to minimize changes later, helping to control costs and avoid overruns while ensuring successful project delivery.

Active Contracts Overview



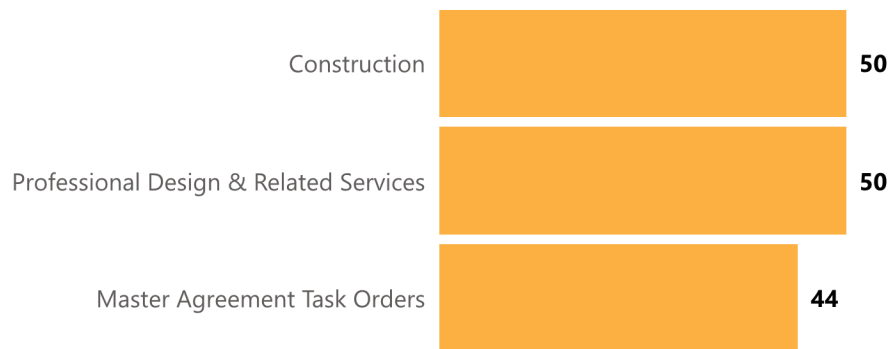
144

Contracts

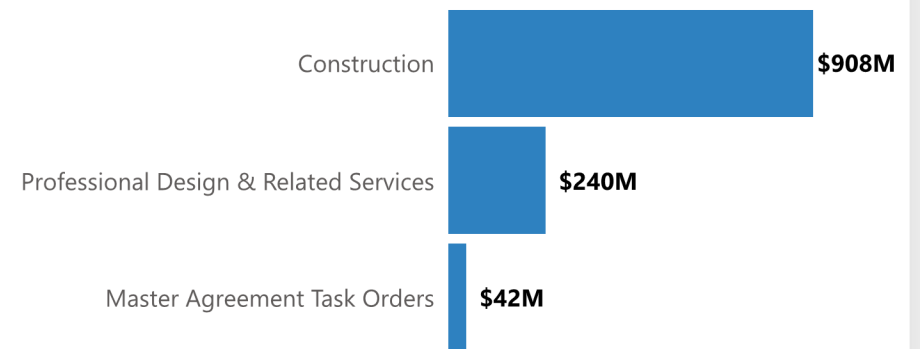
\$1,189,983,337

Total Contracts Value

Contract Count by Type



Contract Total Value by Type



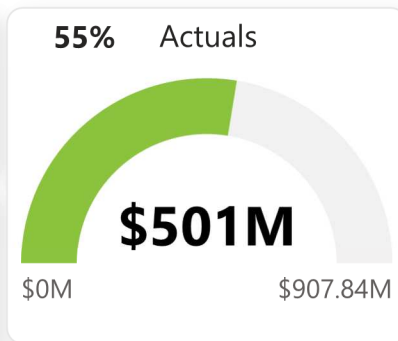
While projects represent the work OC San plans and manages, contracts reflect the formal obligations we hold with external partners. This chart highlights those active commitments, illustrating both the number and relative value of agreements with contractors, consultants, and service providers that support delivery of our projects.

Construction Contracts



50
Contracts

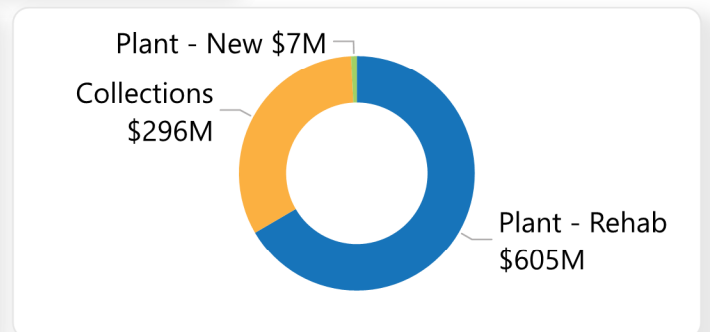
33
Contractors



| Awarding Authority | Contracts | Total |
|--------------------|-----------|---------------|
| Board | 49 | \$907,539,055 |
| GM | 1 | \$299,750 |
| Committee | 0 | \$0 |

This page provides a view into active construction contracts, illustrating both the distribution by project type and expenditures to date. It also identifies the awarding authority, linking contract progress to the level of approval responsibility.

| Category | Contracts | Total | Actuals | Remaining |
|---------------|-----------|----------------------|----------------------|----------------------|
| Plant - Rehab | 37 | \$604,500,973 | \$409,268,345 | \$195,232,628 |
| Collections | 11 | \$296,115,675 | \$85,337,691 | \$210,777,984 |
| Plant - New | 2 | \$7,222,157 | \$6,366,624 | \$855,533 |
| Total | 50 | \$907,838,805 | \$500,972,660 | \$406,866,144 |



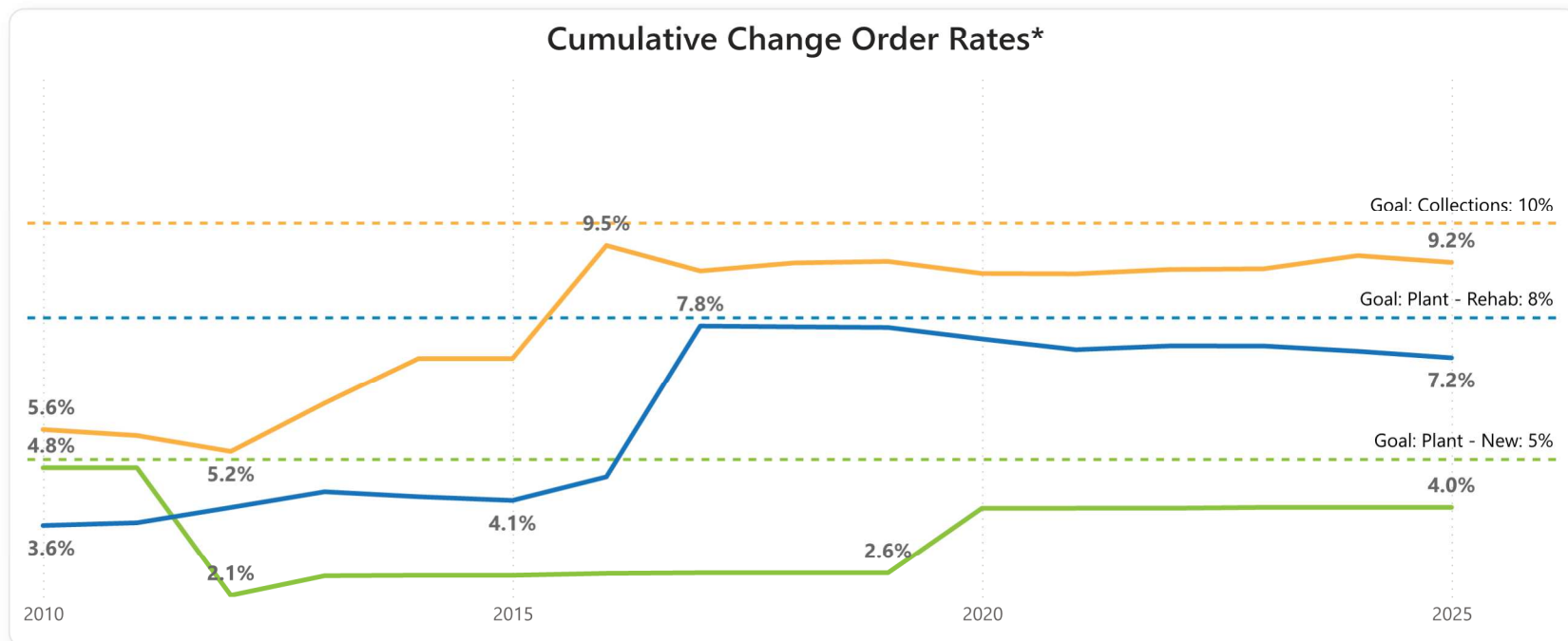
Construction Contracts Change Orders



Historical Construction CO Rates

When the Board of Directors awards a construction contract, it also authorizes a contingency amount that enables the General Manager to approve contract change orders up to that limit. One purpose of this report is to track how much of that contingency is ultimately used. Because change order rates are only meaningful once a project is complete, the chart below includes only contracts closed since the Board began formally approving contingencies in 2008. It illustrates how cumulative change order rates have evolved over time for plant-related projects, collection system work, and all contracts combined.

*Cumulative data beginning in 2008. Chart shows last 15 years.



| Contracts Closed Last Quarter by Project | | Contracts | Original Contract | Change Orders |
|---|--|-----------|-------------------|---------------|
| Plant - Rehab | | 3 | \$103,003,373 | \$6,436,133 |
| FE21-04 - Thickening and Dewatering Facility Handrail Installation at Plant No. 1 | | 1 | \$110,400 | \$0 |
| FR1-0007R Control Center Offices and Day Training Room Remodeling at Plant No. 1 | | 1 | \$348,000 | \$11,133 |
| P1-128A - Headquarters Complex at Plant No. 1 | | 1 | \$102,544,973 | \$6,425,000 |
| Total | | 3 | \$103,003,373 | \$6,436,133 |

Professional Design & Related Services



50

Contracts

21

Consultants

65% Actuals



| Awarding Authority | Contracts | Total |
|--------------------|-----------|---------------|
| Board | 44 | \$239,256,318 |
| GM | 4 | \$440,127 |
| Committee | 2 | \$359,308 |

This page provides a view into active professional services contracts, illustrating both the distribution by contract type and the pace of expenditures to date. It also identifies the awarding authority, linking contract progress to the level of approval responsibility.

| Contract Type | Contracts | Total | Actuals | Remaining |
|--|-----------|----------------------|----------------------|---------------------|
| Professional Design Services Agreement | 20 | \$151,317,578 | \$106,244,906 | \$45,072,672 |
| Professional Construction Services Agreement | 17 | \$69,654,198 | \$36,586,063 | \$33,068,135 |
| Professional Services Agreement | 13 | \$19,083,977 | \$12,685,003 | \$6,398,974 |
| Total | 50 | \$240,055,753 | \$155,515,972 | \$84,539,781 |

Master Agreements



37

Task Orders

13

Firms

64% Actuals



Master Agreements are issued to a pool of pre-qualified consultants for smaller OC San projects. Task orders, limited to \$500,000, are awarded to the most qualified consultant, and while expired agreements cannot issue new task orders, existing agreements remain active until all task orders are completed.

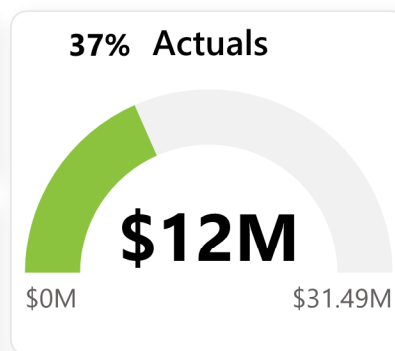
| Description | Status | TOs | Total | Actuals | Remaining |
|---|---------|-----------|---------------------|--------------------|--------------------|
| 2018 Master Professional Design Service Agreements | Expired | 10 | \$2,332,350 | \$2,123,498 | \$208,852 |
| 2020 Master Agreements for On-Call Planning Studies | Expired | 1 | \$247,000 | \$100,994 | \$146,006 |
| 2021 Master Professional Design Service Agreements | Expired | 16 | \$4,326,524 | \$3,541,490 | \$785,034 |
| 2024 Master Professional Design Service Agreements | Open | 5 | \$2,054,719 | \$236,562 | \$1,818,157 |
| 2024 On-Call Planning Studies | Open | 5 | \$1,636,401 | \$794,385 | \$842,016 |
| Total | | 37 | \$10,596,994 | \$6,796,929 | \$3,800,065 |

Master Service Agreements



7
Task Orders

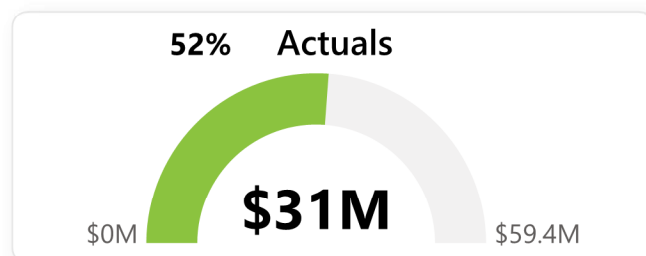
2
Firms



Through competitive procurement processes, OC San has awarded Master Services Agreements (MSAs) for specialized engineering and technical services to support multiple Capital Improvement Program (CIP) needs. Each MSA establishes a long-term contractual framework—spanning multiple years with renewal options—under which professional services are procured through task orders tied to individual CIP projects.

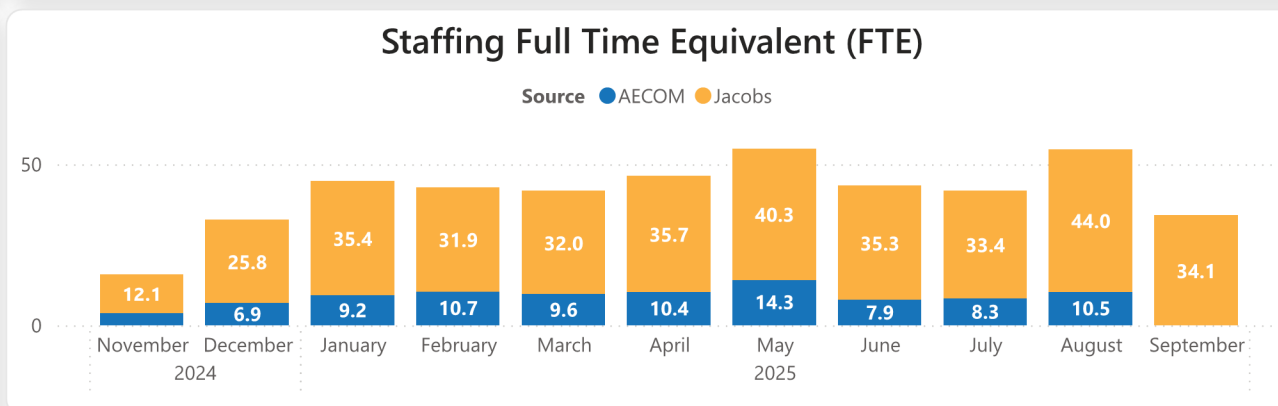
| Description | Status | TOs | Total | Actuals | Remaining |
|---|--------|----------|---------------------|---------------------|---------------------|
| Agreement for Design Installation, Implementation and Maintenance of a Process Control System | Open | 2 | \$12,187,067 | \$8,025,528 | \$4,161,540 |
| Progressive Design-Build Owner Advisor, Program Management, and Professional Engineering Support Services | Open | 5 | \$19,304,718 | \$3,556,961 | \$15,747,757 |
| Total | | 7 | \$31,491,786 | \$11,582,489 | \$19,909,296 |

Supplemental Engineering Services Contracts



| Company | Total | Actuals | Remaining | Months Total | Months Elapsed | Months Remaining |
|--------------------------------|---------------------|---------------------|---------------------|--------------|----------------|------------------|
| AECOM Technical Services, Inc. | \$29,700,000 | \$6,325,294 | \$23,374,706 | 48 | 43 | 5 |
| Jacobs Project Management Co | \$29,700,000 | \$24,767,303 | \$4,932,697 | 48 | 43 | 5 |
| Total | \$59,400,000 | \$31,092,597 | \$28,307,403 | | | |

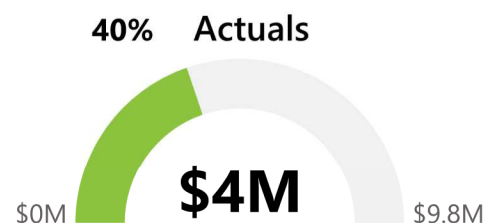
| Company | Previous Quarter Hours | Total Hours | Labor Avg Rate |
|--------------------------------|------------------------|----------------|----------------|
| Jacobs Project Management Co | 15,459 | 179,416 | \$138 |
| AECOM Technical Services, Inc. | 2,609 | 29,946 | \$211 |
| Total | 18,068 | 209,362 | \$149 |



The Board of Directors approved two Professional Service Agreements with qualified firms to provide supplemental engineering services for a multi-year term, with options for renewal. Each agreement was authorized for a not-to-exceed amount and is intended to provide flexible, on-demand access to specialized technical expertise.

Supplemental engineering services contracts offer advantages over hiring additional full-time or limited-term staff, including rapid mobilization of skilled personnel, flexibility to adjust staffing levels and technical skill sets as needs change, access to experts for specialized assignments, and the ability to scale resources in response to fluctuating workloads.

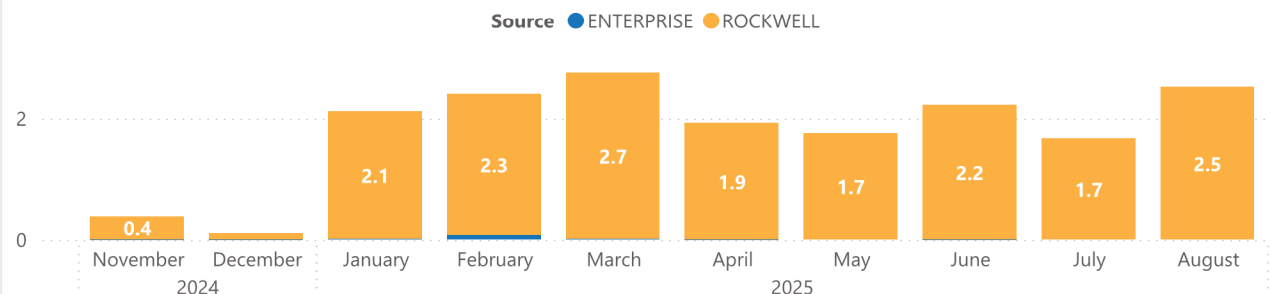
Programming Professional Services Contracts



| Company | Total | Actuals | Remaining | Months Total | Months Elapsed | Months Remaining |
|---------------------------|--------------------|--------------------|--------------------|--------------|----------------|------------------|
| Enterprise Automation | \$4,900,000 | \$1,832,349 | \$3,067,651 | 48 | 43 | 5 |
| Rockwell Automation, Inc. | \$4,900,000 | \$2,040,494 | \$2,859,506 | 48 | 43 | 5 |
| Total | \$9,800,000 | \$3,872,843 | \$5,927,157 | | | |

| Company | Previous Quarter Hours | Total Hours | Labor Avg Rate |
|---------------------------|------------------------|---------------|----------------|
| Rockwell Automation, Inc. | 580 | 10,873 | \$188 |
| Enterprise Automation | | 9,220 | \$199 |
| Total | 580 | 20,093 | \$193 |

Staffing Full Time Equivalent (FTE)



The Board of Directors previously approved two Professional Service Agreements with qualified firms to provide programming professional services for a multi-year term, with options for renewal. Each agreement was authorized for a not-to-exceed amount and is intended to support programming, testing, commissioning, maintenance, and upgrades of OC San's process control systems, which manage and monitor treatment plant operations.

Using professional services contracts, rather than hiring additional full-time or limited-term staff, offers several advantages including access to short-term resources during critical project phases, rapid mobilization of skilled technical personnel, flexibility to adjust resources to meet project needs, and the ability to scale support up or down in response to workload changes.

On-Call Services Agreements



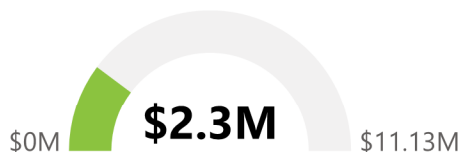
14

Agreements

13

Firms

20% Actuals



On-call services agreements provide OC San with flexible access to specialized technical expertise across multiple categories, such as inspection and testing, engineering support, and surveying. These agreements allow staff to request services on an as-needed basis, ensuring that qualified firms are available to support project and operational needs without the cost of maintaining permanent staff for highly specialized tasks. Some agreements also include multi-year terms with renewal options, offering continuity for recurring service needs.

| Project / Firm | Total | Actuals | Remaining | Expiration |
|---|---------------------|--------------------|--------------------|------------|
| <input type="checkbox"/> CEQA Support Services | \$1,500,000 | \$0 | \$1,500,000 | |
| HDR Engineering, Inc. | \$1,500,000 | \$0 | \$1,500,000 | 10/21/2028 |
| <input type="checkbox"/> Coating and Corrosion Management Assessment Staffing Support Services | \$700,000 | \$329,291 | \$370,709 | |
| CorrPro Companies, Inc. | \$700,000 | \$329,291 | \$370,709 | 3/1/2026 |
| <input type="checkbox"/> Coating Inspection Services | \$1,500,000 | \$197,370 | \$1,302,630 | |
| CorrPro Companies, Inc. | \$500,000 | \$136,010 | \$363,990 | 4/30/2028 |
| Diversified Project Services International, Inc. | \$500,000 | \$40,165 | \$459,835 | 4/30/2028 |
| TKE Engineering, Inc. | \$500,000 | \$21,195 | \$478,805 | 4/30/2028 |
| <input type="checkbox"/> Condition Assessment On-Call Contractor Support Services | \$2,428,757 | \$1,536,112 | \$892,645 | |
| Jamison Engineering | \$2,428,757 | \$1,536,112 | \$892,645 | 10/31/2026 |
| <input type="checkbox"/> Geotechnical Testing Services | \$3,000,000 | \$148,624 | \$2,851,376 | |
| Atlas Technical Consultants LLC | \$750,000 | \$30,466 | \$719,534 | 4/30/2028 |
| Kleinfelder, Inc. | \$750,000 | \$11,138 | \$738,862 | 4/30/2028 |
| Ninyo & Moore | \$750,000 | \$11,873 | \$738,128 | 4/30/2028 |
| NOVA Services, Inc. | \$750,000 | \$95,147 | \$654,853 | 4/30/2028 |
| <input type="checkbox"/> Surveying Services | \$2,000,000 | \$59,842 | \$1,940,158 | |
| D. Woolley & Associates | \$500,000 | \$12,509 | \$487,491 | 4/30/2028 |
| Michael Baker International, Inc. | \$500,000 | \$14,636 | \$485,364 | 4/30/2028 |
| Psomas | \$500,000 | \$21,559 | \$478,441 | 4/30/2028 |
| Stantec Consulting Services Inc. | \$500,000 | \$11,138 | \$488,862 | 4/30/2028 |
| Total | \$11,128,757 | \$2,271,238 | \$8,857,519 | |

Appendix Table 1: **Active Construction Contracts**

| Project | Purchase Order | Contractor | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|---|----------------|------------------------------------|------------|--------------------|--------------|---------------|--------------|-----------|-------------|---------|-------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| 2-49 - Taft Branch Improvements | 108680-OB | Big Ben Inc. | 5/22/2024 | Board | \$20,458,250 | \$0 | \$20,458,250 | 35% | 10.0% | 10.0% | 0.0% | 10.0% |
| 3-64C - Los Alamitos Sub-Trunk and Westside Relief Interceptor Rehabilitation | 108920-OB | T.E. Roberts, Inc. | 12/18/2024 | Board | \$35,320,572 | \$0 | \$35,320,572 | 3% | 10.0% | 10.0% | 0.0% | 10.0% |
| 3-67 - Seal Beach Pump Station Replacement | 108352-OB | Walsh Construction Company II, LLC | 12/14/2023 | Board | \$97,032,743 | \$540,088 | \$97,572,831 | 23% | 10.0% | 10.0% | 0.6% | 9.4% |
| 5-67 - Bay Bridge Pump Station Replacement | 108998-OB | J.F. Shea Construction, Inc. | 2/26/2025 | Board | \$87,321,000 | \$0 | \$87,321,000 | 7% | 10.0% | 10.0% | 0.0% | 10.0% |
| 7-65 - Gisler-Red Hill Interceptor and Baker Force Main Rehabilitation | 108177-OB | Steve P. Rados, Inc. | 5/24/2023 | Board | \$44,706,000 | (\$1,067,300) | \$43,638,700 | 86% | 10.0% | 10.0% | 0.0% | 12.4% |
| 7-68 - MacArthur Force Main Improvements | 108237-OB | SRK Engineering, Inc. | 7/26/2023 | Board | \$3,897,000 | \$389,500 | \$4,286,500 | 91% | 10.0% | 10.0% | 10.0% | 0.0% |
| FE18-13 - Redhill Relief Sewer Relocation at State Route 55 | 107836-OB | SRK Engineering, Inc. | 6/22/2022 | Board | \$2,213,000 | \$683,317 | \$2,896,317 | 100% | 15.0% | 60.0% | 30.9% | 29.1% |
| FE19-01 - Pump Station Portable Generator Connectors | 107469-OB | Pacific Industrial Electric | 9/29/2021 | Board | \$1,207,479 | \$68,343 | \$1,275,822 | 100% | 10.0% | 16.0% | 5.7% | 10.3% |
| FE19-02 - Cengen Plant Water Pipe Replacement at Plant No. 1 | 108466-OB | Innovative Construction Solutions | 3/27/2024 | Board | \$3,385,000 | \$0 | \$3,385,000 | 7% | 10.0% | 10.0% | 0.0% | 10.0% |
| FE19-03 - Trickling Filter Sludge and Scum Pumps Replacement at Plant No. 1 | 107558-OB | Garney Pacific, Inc. | 2/23/2022 | Board | \$778,000 | \$23,471 | \$801,471 | 100% | 10.0% | 10.0% | 3.0% | 7.0% |
| FE19-04 - Sunflower Pump Replacement at Plant No. 1 | 107474-OB | GSE Construction Company, Inc. | 10/27/2021 | Board | \$2,123,200 | \$196,143 | \$2,319,343 | 83% | 10.0% | 25.0% | 9.2% | 15.8% |

Appendix Table 1: **Active Construction Contracts**

| Project | Purchase Order | Contractor | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|--|----------------|--|------------|--------------------|-------------|---------------|-------------|-----------|-------------|---------|------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| FE19-08 - Secondary Treatment VFD Replacements at Plant No. 2 | 107759-OB | ACS Engineering | 3/23/2022 | Board | \$1,433,000 | \$0 | \$1,433,000 | 15% | 10.0% | 10.0% | 0.0% | 10.0% |
| FE20-02 - Digester C, D, F, and G Mechanical Rehabilitation at Plant No. 2 | 108721-OB | J.F. Shea Construction, Inc. | 6/26/2024 | Board | \$3,694,000 | \$0 | \$3,694,000 | 42% | 10.0% | 10.0% | 0.0% | 10.0% |
| FE20-04 - Cengen Cooling Water Pipe Replacement at Plant No. 2 | 107956-OB | Innovative Construction Solutions | 11/16/2022 | Board | \$3,487,600 | \$0 | \$3,487,600 | 73% | 10.0% | 10.0% | 0.0% | 10.0% |
| FE20-05 - Plant Water Piping Replacement at Secondary Clarifiers 1-26 at Plant No. 1 | 108839-OB | T.E. Roberts, Inc. | 9/25/2024 | Board | \$1,375,313 | \$0 | \$1,375,313 | 74% | 10.0% | 10.0% | 0.0% | 10.0% |
| FE20-08 - Olive Sub-Trunk Siphon Rehabilitation at Santa Ana River | 108162-OB | MMC, Inc. | 4/26/2023 | Board | \$1,944,000 | \$17,953 | \$1,961,953 | 96% | 10.0% | 10.0% | 0.9% | 9.1% |
| FE21-07 - Liquid Oxygen Tank A Replacement at Plant No. 2 | 107982-OB | J.R. Filanc Construction Company, Inc. | 12/15/2022 | Board | \$2,608,007 | \$0 | \$2,608,007 | 86% | 10.0% | 10.0% | 0.0% | 10.0% |
| FE21-08 - Newhope-Placentia Sewer Manhole Replacements | 108925-OB | Sancon Technologies Inc. | 12/18/2024 | Board | \$406,730 | \$0 | \$406,730 | | 20.0% | 20.0% | 0.0% | 20.0% |
| FE22-01 - Platform Modifications for Process Areas at Plant No. 1 and No. 2 | 108973-OB | Tharsos, Inc. | 12/18/2024 | Board | \$494,494 | \$0 | \$494,494 | | 15.0% | 15.0% | 0.0% | 15.0% |
| FE22-02 - Liquid Oxygen Tank B Replacement at Plant No. 2 | 108434-OA | J.R. Filanc Construction Company, Inc. | 2/28/2024 | Board | \$3,098,000 | \$0 | \$3,098,000 | 16% | 10.0% | 10.0% | 0.0% | 10.0% |
| FE23-01 - Digester Gas Compressor Dryer Replacements at Plant Nos. 1 and 2 | 108564-OA | Innovative Construction Solutions | 9/10/2024 | Board | \$5,942,500 | \$0 | \$5,942,500 | | 10.0% | 10.0% | 0.0% | 10.0% |
| FE23-06 - HVAC Replacements at Plant Nos. 1 and 2 | 108748-OA | ACCO Engineered Systems | 7/24/2024 | Board | \$1,698,204 | \$0 | \$1,698,204 | 35% | 10.0% | 10.0% | 0.0% | 10.0% |

Appendix Table 1: **Active Construction Contracts**

| Project | Purchase Order | Contractor | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|--|----------------|--------------------------------------|------------|--------------------|-------------|---------------|-------------|-----------|-------------|---------|-------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| FE23-08 - Power Buildings 7 and 8 HVAC Replacement at Plant No. 1 | 164716-OS | Trane U.S. Inc. | 10/2/2024 | Board | \$687,708 | \$0 | \$687,708 | 46% | 5.0% | 5.0% | 0.0% | 5.0% |
| FE23-09 - Primary Clarifiers F and G Rotating Mechanism Rehabilitation at Plant No. 2 | 108851-OA | Vicon Enterprise | 9/25/2024 | Board | \$3,150,000 | \$0 | \$3,150,000 | 47% | 15.0% | 42.0% | 0.0% | 42.0% |
| FE24-11 - Steve Anderson Lift Station (SALS) Variable Frequency Drive (VFD) Replacement at Plant No. 1 | 109214-OB | Big Sky Electric | 7/23/2025 | GM | \$299,750 | \$0 | \$299,750 | | | | | |
| FR1-0005 - Cengen and 12Kv Service Center Switchgear Battery System Upgrades at Plant No. 1 | 108306-OB | Mass Electric Construction Co. | 11/27/2023 | Board | \$970,000 | \$122,461 | \$1,092,461 | 95% | 10.0% | 20.0% | 12.6% | 7.4% |
| FR1-0011 - VFD Replacements at Plant No. 1 | 108019-OB | ACS Engineering | 12/15/2022 | Board | \$1,214,888 | \$0 | \$1,214,888 | 19% | 10.0% | 10.0% | 0.0% | 10.0% |
| FR1-0020 - Traffic Signal Installation at Ellis Avenue and Mt. Langley Street Intersection | 108767-OB | Asplundh Construction LLC | 10/4/2024 | Board | \$746,250 | \$19,033 | \$765,283 | | 10.0% | 10.0% | 2.6% | 7.4% |
| FR1-0022 - Back-up Power for Laboratory Equipment at Plant No. 1 | 109048-OB | Leed Electric | 4/16/2025 | Board | \$133,000 | \$0 | \$133,000 | 42% | 10.0% | 10.0% | 0.0% | 10.0% |
| FR2-0023 - Activated Sludge Clarifier Entry Improvements at Plant No. 2 | 108394-OB | Tharsos, Inc. | 3/21/2024 | Board | \$1,171,000 | \$25,477 | \$1,196,477 | 98% | 10.0% | 10.0% | 2.2% | 7.8% |
| FR2-0026 - Headworks Phase 3 Cable Replacement at Plant No. 2 | 108034-OB | ACS Engineering | 2/22/2023 | Board | \$575,360 | \$12,846 | \$588,206 | 51% | 20.0% | 20.0% | 2.2% | 17.8% |
| FR2-0026R Headworks Phase 3 Cable Replacement at Plant No. 2 | 169385-OS | Big Sky Electric | 2/22/2023 | GM | \$358,360 | \$0 | \$358,360 | 100% | 20.0% | 20.0% | 0.0% | 20.0% |
| FR2-0032 - Digester K Dome Repair at Plant No. 2 | 108906-OA | Structural Preservation Systems, LLC | 11/20/2024 | Board | \$876,707 | \$12,900 | \$889,607 | 68% | 15.0% | 15.0% | 1.5% | 13.5% |

Appendix Table 1: **Active Construction Contracts**

| Project | Purchase Order | Contractor | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|--|----------------|--------------------------------------|------------|--------------------|---------------|---------------|---------------|-----------|-------------|---------|-------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| FR2-0033 - Digesters O - T Bridge Repair at Plant No. 2 | 168378-OS | Jamison Engineering | 12/10/2024 | Board | \$255,962 | \$0 | \$255,962 | | 10.0% | 10.0% | 0.0% | 10.0% |
| FRC-0010 - Warner Avenue Vault Cover Improvements | 108769-OB | Minako America Corporation | 7/24/2024 | Board | \$977,000 | \$0 | \$977,000 | 90% | 10.0% | 10.0% | 0.0% | 10.0% |
| J-117B - Outfall Low Flow Pump Station | 106518-OB | Shimmick Construction | 12/19/2018 | Board | \$90,200,000 | \$5,932,583 | \$96,132,583 | 96% | 8.0% | 8.0% | 6.6% | 1.4% |
| J-120A - Control Room Reconfiguration at Plant No.1 | 109018-OB | Estate Design and Construction, Inc. | 4/2/2025 | Board | \$1,033,000 | \$0 | \$1,033,000 | 6% | 10.0% | 10.0% | 0.0% | 10.0% |
| J-135B - Engine and Generator Overhauls at Plant No. 1 and 2 | 107847-OB | Cooper Machinery Services | 7/27/2022 | Board | \$29,361,029 | \$3,644,111 | \$33,005,140 | 87% | 10.0% | 18.0% | 12.4% | 5.6% |
| J-98 - Electrical Power Distribution System Improvements | 109216-OB | Shimmick Construction | 7/15/2025 | Board | \$24,352,127 | \$0 | \$24,352,127 | | 10.0% | 10.0% | 0.0% | 10.0% |
| P1-105 - Headworks Rehabilitation at Plant 1 | 107274-OB | Kiewit Infrastructure West Co. | 3/24/2021 | Board | \$222,330,000 | \$8,404,085 | \$230,734,085 | 71% | 4.0% | 8.0% | 3.8% | 4.2% |
| P1-128A.1 Headquarters Complex at Plant No. 1 | 108236-OB | EIDIM Group, Inc. | 9/20/2023 | Board | \$1,580,000 | \$28,356 | \$1,608,356 | 100% | 10.0% | 10.0% | 1.8% | 8.2% |
| P1-132 - Uninterruptable Power Supply Improvements at Plant 1 | 107979-OB | Leed Electric | 12/15/2022 | Board | \$5,765,789 | \$86,823 | \$5,852,612 | 86% | 10.0% | 10.0% | 1.5% | 8.5% |
| P1-133 - Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1 | 107553-OB | Shimmick Construction | 2/23/2022 | Board | \$6,275,000 | \$181,874 | \$6,456,874 | 99% | 10.0% | 10.0% | 2.9% | 7.1% |
| P2-127 - Collections Yard Relocation and Warehouse Demolition at Plant No. 2 | 108238-OB | Archico Design Build, Inc. | 9/19/2023 | Board | \$6,500,000 | \$1,196,890 | \$7,696,890 | 100% | 10.0% | 18.4% | 18.4% | 0.0% |

Appendix Table 1: **Active Construction Contracts**

| Project | Purchase Order | Contractor | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|--|----------------|--------------------------------------|------------|--------------------|----------------------|---------------------|----------------------|-----------|-------------|---------|------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| P2-128A - South Perimeter Wall and Soil Improvements at Plant No. 2 | 108897-OB | Ames Construction, Inc. | 3/27/2025 | Board | \$25,270,000 | \$0 | \$25,270,000 | 44% | 10.0% | 10.0% | 0.0% | 10.0% |
| P2-137A - Digester P and R Dome Tendon Repair | 108762-OB | Structural Preservation Systems, LLC | 9/18/2024 | Board | \$2,597,864 | \$0 | \$2,597,864 | 92% | 10.0% | 10.0% | 0.0% | 10.0% |
| P2-98A - A-Side Primary Clarifiers Replacement at Plant 2 | 107366-OB | PCL CONSTRUCTION INC. | 5/26/2021 | Board | \$111,405,880 | \$4,116,001 | \$115,521,881 | 71% | 6.0% | 6.0% | 3.7% | 2.3% |
| SC19-06 - EPSA Standby Power Generator Control Upgrades at Plant No. 2 | 108286-OB | Shimmick Construction | 10/17/2023 | Board | \$3,500,000 | \$20,357 | \$3,520,357 | 99% | 10.0% | 10.0% | 0.6% | 9.4% |
| SC22-01 - EPSA Electrical Building and Distribution Center H HVAC System Replacement at Plant No. 2 | 108187-OA | Trane U.S. Inc. | 6/28/2023 | Board | \$3,862,000 | \$0 | \$3,862,000 | 74% | 10.0% | 10.0% | 0.0% | 10.0% |
| SC22-02 - HVAC Replacement for Plant 2 Centrifuge Building, Operations Building, and Bitter Point PS | 108983-OB | Trane U.S. Inc. | 2/26/2025 | Board | \$2,746,477 | \$0 | \$2,746,477 | | 10.0% | 10.0% | 0.0% | 10.0% |
| 50 | | | | | \$872,819,243 | \$24,655,312 | \$897,474,555 | | | | | |

Appendix Table 2: **Active Engineering Services Agreements**

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|---|----------------|-----------------------------------|------------|--------------------|--------------|---------------|--------------|-----------|-------------|---------|-------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| 11-33 - Edinger Pump Station Replacement | 107944-OB | Arcadis U.S., Inc. | 9/27/2023 | Board | \$3,125,590 | \$35,180 | \$3,160,770 | 76% | 10.0% | 10.0% | 1.1% | 8.9% |
| 1-23 - Santa Ana Trunk Sewer Rehabilitation | 107751-OB | Stantec Consulting Services Inc. | 4/27/2022 | Board | \$3,880,000 | \$0 | \$3,880,000 | 95% | 10.0% | 10.0% | 0.0% | 10.0% |
| 2-49 - Taft Branch Improvements | 108554-OB | Woodard & Curran, Inc. | 7/23/2024 | Board | \$1,108,033 | \$0 | \$1,108,033 | 35% | 10.0% | 10.0% | 0.0% | 10.0% |
| 3-60 - Knott - Miller Holder Artesia Branch Rehabilitation | 108291-OB | Dudek | 10/24/2023 | Board | \$1,200,000 | \$0 | \$1,200,000 | 55% | 10.0% | 10.0% | 0.0% | 10.0% |
| 3-64C - Los Alamitos Sub-Trunk and Westside Relief Interceptor Rehabilitation | 108917-OB | AECOM Technical Services, Inc. | 2/4/2025 | Board | \$1,576,696 | \$0 | \$1,576,696 | 4% | 10.0% | 10.0% | 0.0% | 10.0% |
| 3-67 - Seal Beach Pump Station Replacement | 108345-OB | Lee & Ro, Inc. | 12/14/2023 | Board | \$6,148,000 | \$0 | \$6,148,000 | 33% | 10.0% | 10.0% | 0.0% | 10.0% |
| 5-67 - Bay Bridge Pump Station Replacement | 106106-OB | Arcadis U.S., Inc. | 10/25/2017 | Board | \$7,137,000 | \$2,116,140 | \$9,253,140 | 92% | 10.0% | 35.0% | 29.7% | 5.3% |
| 5-67 - Bay Bridge Pump Station Replacement | 108988-OB | Arcadis U.S., Inc. | 2/26/2025 | Board | \$12,143,580 | \$38,163 | \$12,181,743 | 3% | 10.0% | 10.0% | 0.3% | 9.7% |
| 5-68 - Newport Beach Pump Station Pressurization Improvements | 108011-OB | Dudek | 2/1/2023 | Board | \$124,979 | \$0 | \$124,979 | 68% | 10.0% | 10.0% | 0.0% | 10.0% |
| 6-20 - Fairview Sewer Rehabilitation | 107848-OB | Dudek | 7/27/2022 | Board | \$1,200,000 | \$0 | \$1,200,000 | 78% | 10.0% | 10.0% | 0.0% | 10.0% |
| 7-65 - Gisler-Red Hill Interceptor and Baker Force Main Rehabilitation | 108170-OB | CDM Smith Inc. | 5/24/2023 | Board | \$988,460 | \$98,846 | \$1,087,306 | 86% | 10.0% | 10.0% | 10.0% | 0.0% |
| 7-68 - MacArthur Force Main Improvements | 107338-OB | Michael Baker International, Inc. | 5/26/2021 | Board | \$500,000 | \$0 | \$500,000 | 100% | 10.0% | 10.0% | 0.0% | 10.0% |

Appendix Table 2: **Active Engineering Services Agreements**

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|---|----------------|--|------------|--------------------|--------------|---------------|--------------|-----------|-------------|---------|-------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| 7-68 - MacArthur Force Main Improvements | 108242-OB | Michael Baker International, Inc. | 9/11/2023 | Board | \$272,002 | \$0 | \$272,002 | 65% | 10.0% | 10.0% | 0.0% | 10.0% |
| FR1-0007 - Control Center Offices and Day Training Room Remodeling at Plant No. 1 | 112686-OS | AECOM Technical Services, Inc. | 7/24/2017 | GM | \$48,000 | \$33,351 | \$81,351 | 11% | | | | |
| J-117B - Outfall Low Flow Pump Station | 106511-OB | Brown and Caldwell | 12/19/2018 | Board | \$8,563,913 | \$1,584,324 | \$10,148,237 | 86% | 10.0% | 18.5% | 18.5% | 0.0% |
| J-117B - Outfall Low Flow Pump Station | 106574-OB | SEL Engineering Services, Inc. | 3/27/2019 | Board | \$1,096,074 | \$235,461 | \$1,331,535 | 55% | 10.0% | 24.0% | 21.5% | 2.5% |
| J-124 - Digester Gas Facilities Rehabilitation | 106109-OB | Brown and Caldwell | 11/15/2017 | Board | \$11,770,000 | \$10,214,559 | \$21,984,559 | 76% | 10.0% | 89.9% | 86.8% | 3.1% |
| J-128 - Project Management Information System | 105999-OB | PMWeb, Inc. | 6/27/2017 | Board | \$1,022,500 | \$200,817 | \$1,223,317 | 93% | 20.0% | 20.0% | 19.6% | 0.4% |
| J-98 - Electrical Power Distribution System Improvements | 106839-OB | Brown and Caldwell | 2/26/2020 | Board | \$2,240,000 | \$223,806 | \$2,463,806 | 100% | 10.0% | 10.0% | 10.0% | 0.0% |
| J-98 - Electrical Power Distribution System Improvements | 106872-OB | Schweitzer Engineering Laboratories, Inc | 3/25/2020 | Board | \$1,296,878 | \$0 | \$1,296,878 | 36% | 10.0% | 10.0% | 0.0% | 10.0% |
| J-98 - Electrical Power Distribution System Improvements | 109215-OB | Brown and Caldwell | 7/15/2025 | Board | \$2,667,874 | \$0 | \$2,667,874 | 1% | 10.0% | 10.0% | 0.0% | 10.0% |
| P1-105 - Headworks Rehabilitation at Plant 1 | 107273-OB | Carollo Engineers, Inc | 3/24/2021 | Board | \$16,500,000 | \$0 | \$16,500,000 | 69% | 10.0% | 10.0% | 0.0% | 10.0% |
| P1-105 - Headworks Rehabilitation at Plant 1 | 108326-OB | SEL Engineering Services, Inc. | 11/8/2023 | GM | \$137,275 | \$5,468 | \$142,743 | 20% | 8.7% | 8.7% | 4.0% | 4.8% |

Appendix Table 2: **Active Engineering Services Agreements**

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|--|----------------|---------------------------------|------------|--------------------|--------------|---------------|--------------|-----------|-------------|---------|-------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| P1-126 - Primary Sedimentation Basins No. 3-5 Replacement at Plant No. 1 | 107773-OB | Black & Veatch Corporation | 4/27/2022 | Board | \$14,163,000 | \$207,183 | \$14,370,183 | 78% | 10.0% | 10.0% | 1.5% | 8.5% |
| P1-128A - Headquarters Complex at Plant No. 1 | 107322-OB | AECOM Technical Services, Inc. | 4/28/2021 | Board | \$6,750,000 | \$299,107 | \$7,049,107 | 100% | 10.0% | 10.0% | 4.4% | 5.6% |
| P1-128A - Headquarters Complex at Plant No. 1 | 107358-OB | HDR Engineering, Inc. | 5/26/2021 | Board | \$4,900,000 | \$726,720 | \$5,626,720 | 97% | 10.0% | 15.0% | 14.8% | 0.2% |
| P1-132 - Uninterruptable Power Supply Improvements at Plant 1 | 106795-OB | Tetra Tech, Inc. | 11/20/2019 | Board | \$784,630 | \$62,755 | \$847,385 | 100% | 10.0% | 10.0% | 8.0% | 2.0% |
| P1-132 - Uninterruptable Power Supply Improvements at Plant 1 | 108035-OB | Tetra Tech, Inc. | 11/9/2023 | Board | \$217,830 | \$0 | \$217,830 | 51% | 10.0% | 10.0% | 0.0% | 10.0% |
| P1-133 - Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1 | 107574-OB | Carollo Engineers, Inc | 3/23/2022 | Board | \$530,000 | \$0 | \$530,000 | 65% | 10.0% | 10.0% | 0.0% | 10.0% |
| P1-137 - Support Buildings Seismic Improvements at Plant No. 1 | 107859-OB | Simpson, Gumpertz, and Heger | 7/27/2022 | Board | \$1,900,000 | \$151,537 | \$2,051,537 | 92% | 10.0% | 10.0% | 8.0% | 2.0% |
| P1-138 - Industrial Control System and IT Data Center Relocation at Plant No. 1 | 109244-OB | Lee & Ro, Inc. | 8/11/2025 | Board | \$2,354,485 | \$0 | \$2,354,485 | | 10.0% | 10.0% | 0.0% | 10.0% |
| P1-140 - Activated Sludge-1 Rehabilitation at Plant No. 1 | 107975-OB | HDR Engineering, Inc. | 12/15/2022 | Board | \$18,462,443 | \$570,667 | \$19,033,110 | 65% | 10.0% | 10.0% | 3.1% | 6.9% |
| P2-124 - Interim Food Waste Receiving Facility | 106468-OB | Kennedy/Jenks Consultants, Inc. | 9/26/2018 | Board | \$695,000 | \$31,168 | \$726,168 | 100% | 10.0% | 10.0% | 4.5% | 5.5% |
| P2-128 - Digester Replacement at Plant No. 2 | 107098-OB | Brown and Caldwell | 7/22/2020 | Board | \$39,300,000 | \$9,602,657 | \$48,902,657 | 67% | 10.0% | 26.0% | 24.4% | 1.6% |

Appendix Table 2: **Active Engineering Services Agreements**

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|--|----------------|-----------------------------------|------------|--------------------|-------------|---------------|-------------|-----------|-------------|---------|-------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| P2-128A - South Perimeter Wall and Soil Improvements at Plant No. 2 | 108883-OB | Brown and Caldwell | 11/20/2024 | Board | \$2,043,717 | \$0 | \$2,043,717 | 18% | 10.0% | 10.0% | 0.0% | 10.0% |
| P2-135 - Chemical Systems Rehabilitation at Plant No. 2 | 108070-OB | Lee & Ro, Inc. | 3/22/2023 | Board | \$862,328 | \$86,220 | \$948,548 | 100% | 10.0% | 10.0% | 10.0% | 0.0% |
| P2-136 - Activated Sludge Aeration Basin Rehabilitation at Plant No. 2 | 108325-OB | Carollo Engineers, Inc | 10/25/2023 | Board | \$5,891,599 | \$180,630 | \$6,072,229 | 33% | 10.0% | 10.0% | 3.1% | 6.9% |
| P2-137 - Digesters Rehabilitation at Plant No. 2 | 107598-OB | CDM Smith Inc. | 3/23/2022 | Board | \$2,700,000 | \$270,000 | \$2,970,000 | 111% | 10.0% | 58.0% | 10.0% | 48.0% |
| P2-137A - Digester P and R Dome Tendon Repair | 108728-OB | CDM Smith Inc. | 8/27/2024 | Committee | \$209,000 | \$0 | \$209,000 | 62% | 10.0% | 10.0% | 0.0% | 10.0% |
| P2-138 - Operations and Maintenance Complex at Plant No. 2. | 107993-OB | Stantec Architecture Inc. | 1/25/2023 | Board | \$7,914,529 | \$584,672 | \$8,499,201 | 54% | 10.0% | 42.0% | 7.4% | 34.6% |
| P2-140 - Truck Loading Bay Odor Control Improvements at Plant No. 2 | 109240-OB | CDM Smith Inc. | 8/7/2025 | Board | \$899,800 | \$0 | \$899,800 | | 10.0% | 10.0% | 0.0% | 10.0% |
| P2-98A - A-Side Primary Clarifiers Replacement at Plant 2 | 107336-OB | Black & Veatch Corporation | 5/26/2021 | Board | \$8,400,000 | \$0 | \$8,400,000 | 71% | 10.0% | 10.0% | 0.0% | 10.0% |
| P2-98A - A-Side Primary Clarifiers Replacement at Plant 2 | 108152-OB | SEL Engineering Services, Inc. | 5/23/2023 | GM | \$97,399 | \$0 | \$97,399 | 42% | | | | |
| PS21-06 - Urban Runoff Optimization Study | 108067-OB | Michael Baker International, Inc. | 3/22/2023 | Board | \$711,230 | \$70,700 | \$781,930 | 100% | 10.0% | 10.0% | 9.9% | 0.1% |
| PS21-07 - Process Simulation Model Development for Cen Gen Facilities | 108372-OA | Intelliflux Controls | 2/5/2024 | Committee | \$150,308 | \$0 | \$150,308 | 44% | 10.0% | 10.0% | 0.0% | 10.0% |
| PS23-04 - Digital Asset Management Study | 109095-OB | Black & Veatch Corporation | 5/9/2025 | Board | \$799,917 | \$0 | \$799,917 | 10% | 10.0% | 10.0% | 0.0% | 10.0% |

Appendix Table 2: **Active Engineering Services Agreements**

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Contract | | | | Contingency | | | |
|--|----------------|--------------------------------|------------|--------------------|----------------------|---------------------|----------------------|-----------|-------------|---------|------|-----------|
| | | | | | Award | Change Orders | Current | Actuals % | Original | Current | Used | Remaining |
| PS23-05 - Utility Water Planning Study at Plant Nos. 1 and 2 | 109109-OB | HDR Engineering, Inc. | 5/15/2025 | Board | \$670,000 | \$0 | \$670,000 | 13% | 10.0% | 10.0% | 0.0% | 10.0% |
| RE21-01 - Supercritical Water Oxidation Demonstration at Plant No. 1 | 107513-OB | 374Water Systems, Inc. | 12/15/2021 | Board | \$5,139,000 | \$201,858 | \$5,340,858 | 41% | 10.0% | 10.0% | 3.9% | 6.1% |
| SC19-06 - EPSA Standby Power Generator Control Upgrades at Plant No. 2 | 109019-OB | SEL Engineering Services, Inc. | 5/22/2025 | GM | \$118,634 | \$0 | \$118,634 | 30% | 15.0% | 15.0% | 0.0% | 15.0% |
| 50 | | | | | \$211,411,703 | \$27,831,989 | \$239,243,692 | | | | | |

Appendix Table 3: **Active Task Orders by Master Agreements**

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Original Task Order | Amendments | Current Task Order | Actuals % |
|---|----------------|--------------------------------|------------|--------------------|---------------------|------------|--------------------|-----------|
| 2018 Master Professional Design Service Agreements | | | | | | | | |
| FR1-0011 - VFD Replacements at Plant No. 1 | 106393-OB | Black & Veatch Corporation | 4/8/2021 | GM | \$283,000 | \$17,000 | \$300,000 | 83% |
| FE20-02 - Digester C, D, F, and G Mechanical Rehabilitation at Plant No. 2 | 106394-OB | HDR Engineering, Inc. | 3/2/2021 | GM | \$188,212 | \$34,352 | \$222,564 | 95% |
| FE18-06 - CenGen Instrument Air Compressors Replacement at Plant No. 1 | 106395-OB | IDS Group, Inc. | 4/27/2020 | GM | \$89,876 | \$0 | \$89,876 | 83% |
| FE20-05 - Plant Water Piping Replacement at Secondary Clarifiers 1-26 at Plant No. 1 | 106395-OB | IDS Group, Inc. | 6/22/2021 | GM | \$186,626 | \$0 | \$186,626 | 95% |
| FE20-04 - Cengen Cooling Water Pipe Replacement at Plant No. 2 | 106396-OB | Dudek | 5/18/2021 | GM | \$240,000 | \$130,000 | \$370,000 | 98% |
| FE20-08 - Olive Sub-Trunk Siphon Rehabilitation at Santa Ana River | 106396-OB | Dudek | 6/10/2021 | GM | \$240,000 | \$0 | \$240,000 | 105% |
| FE19-02 - Cengen Plant Water Pipe Replacement at Plant No. 1 | 106401-OB | AECOM Technical Services, Inc. | 7/8/2020 | GM | \$156,498 | \$143,378 | \$299,876 | 93% |
| FE19-11 - Primary Clarifiers Nos. 6-31 Lighting and Alarm Improvements at Plant No. 1 | 106401-OB | AECOM Technical Services, Inc. | 9/21/2020 | GM | \$226,685 | \$6,137 | \$232,822 | 77% |
| FE18-13 - Redhill Relief Sewer Relocation at State Route 55 | 106402-OB | GHD, Inc. | 3/27/2020 | GM | \$168,612 | \$131,225 | \$299,837 | 89% |
| FE19-10 - Digesters C, D, F, G and I Gas Balance Lines Replacement at Plant No. 2 | 106402-OB | GHD, Inc. | 2/3/2021 | GM | \$25,000 | \$65,749 | \$90,749 | 80% |
| 2020 Master Agreements for On-Call Planning Studies | | | | | | | | |
| PS21-10 - Integrated Nitrogen Management | 107154-OB | Hazen and Sawyer | 10/19/2023 | GM | \$247,000 | \$0 | \$247,000 | 41% |

Appendix Table 3: **Active Task Orders by Master Agreements**

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Original Task Order | Amendments | Current Task Order | Actuals % |
|---|----------------|--------------------------------------|------------|--------------------|---------------------|------------|--------------------|-----------|
| 2021 Master Professional Design Service Agreements | | | | | | | | |
| FRC-0014 - Magnolia Sewer Manhole Abandonment at Interstate-5 | 107330-OB | Brown and Caldwell | 3/15/2023 | GM | \$195,055 | \$0 | \$195,055 | 68% |
| P1-142 - Trickling Filter Media Replacement at Plant No. 1 | 107330-OB | Brown and Caldwell | 5/21/2024 | GM | \$397,030 | \$87,682 | \$484,712 | 81% |
| FR1-0023 - Secondary Treatment Area Cable Replacement at Plant No. 1 | 107330-OB | Brown and Caldwell | 6/28/2024 | GM | \$338,943 | \$0 | \$338,943 | 70% |
| SC19-06 - EPSA Standby Power Generator Control Upgrades at Plant No. 2 | 107334-OB | Spec Services, Inc. | 11/3/2021 | GM | \$241,153 | \$58,847 | \$300,000 | 85% |
| FRC-0010 - Warner Avenue Vault Cover Improvements | 107342-OB | Kleinfelder, Inc. | 11/16/2021 | GM | \$205,000 | \$43,128 | \$248,128 | 97% |
| FR1-0017 - Trickling Filter Valve Replacement at Plant No. 1 | 107344-OB | Dudek | 8/16/2022 | GM | \$101,108 | \$0 | \$101,108 | 96% |
| FR1-0018 - Dewatering Centrifuge Diverter Gate Improvements at Plant No. 1 | 107344-OB | Dudek | 8/16/2022 | GM | \$140,000 | \$226,345 | \$366,345 | 80% |
| FRC-0017 - Valve Replacements and Wet Well Access Improvements at Slater Pump Station | 107344-OB | Dudek | 6/14/2024 | GM | \$281,000 | \$0 | \$281,000 | 92% |
| FRJ-0003 - Interplant Gas Line Blow Off Vault Repairs | 107344-OB | Dudek | 9/8/2022 | GM | \$165,000 | \$165,091 | \$330,091 | 62% |
| P2-127 - Collections Yard Relocation and Warehouse Demolition at Plant No. 2 | 107347-OB | ProjectLine Technical Services, Inc. | 8/2/2022 | Committee | \$188,898 | \$142,938 | \$331,836 | 100% |
| FE22-01 - Platform Modifications for Process Areas at Plant No. 1 and No. 2 | 107347-OB | ProjectLine Technical Services, Inc. | 3/14/2023 | GM | \$159,296 | \$22,394 | \$181,690 | 84% |
| J-120A - Control Room Reconfiguration at Plant No.1 | 107347-OB | ProjectLine Technical Services, Inc. | 12/4/2023 | GM | \$255,036 | \$27,672 | \$282,708 | 88% |

Appendix Table 3: **Active Task Orders by Master Agreements**

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Original Task Order | Amendments | Current Task Order | Actuals % |
|--|----------------|--------------------------------------|------------|--------------------|---------------------|--------------------|--------------------|-----------|
| FR2-0027 - Heavy Mechanics Group Office Space Upgrade at Plant No. 2 | 107347-OB | ProjectLine Technical Services, Inc. | 9/13/2022 | GM | \$126,153 | \$0 | \$126,153 | 100% |
| FR2-0023 - Activated Sludge Clarifier Entry Improvements at Plant No. 2 | 107363-OB | AECOM Technical Services, Inc. | 1/13/2022 | GM | \$120,030 | \$79,828 | \$199,858 | 73% |
| FE21-08 - Newhope-Placentia Sewer Manhole Replacements | 107392-OB | GHD, Inc. | 2/28/2023 | GM | \$235,820 | \$0 | \$235,820 | 93% |
| FR2-0031 - Activated Sludge System Scum Rerouting at Plant No. 2 | 107392-OB | GHD, Inc. | 6/14/2024 | GM | \$369,479 | (\$46,402) | \$323,077 | 64% |
| 2024 Master Professional Design Service Agreements | | | | | | | | |
| FE23-05 - Primary Clarifier Nos. 6-31 Scum Pump Replacement at Plant No. 1 | 108565-OB | Black & Veatch Corporation | 6/17/2025 | GM | \$439,224 | \$0 | \$439,224 | 13% |
| FRC-0020 - College Pump Station Wet Well Rehabilitation | 108614-OB | HDR Engineering, Inc. | 1/28/2025 | GM | \$325,715 | \$33,744 | \$359,459 | 50% |
| 2024 On-Call Planning Studies | | | | | | | | |
| PS23-06 - Seismic Resilience Study at Plant No. 2 | 108364-OB | Brown and Caldwell | 10/22/2024 | GM | \$488,959 | \$0 | \$488,959 | 60% |
| PS23-01 - Fleet Facilities Improvements Study | 108365-OB | Stantec Consulting Services Inc. | 9/10/2024 | GM | \$243,543 | \$0 | \$243,543 | 84% |
| PS24-06 - Positive Sequence Load Flow Modeling for Central Generation at Plant No. 2 | 108369-OB | Black & Veatch Corporation | 8/12/2025 | GM | \$31,667 | \$0 | \$31,667 | |
| PS23-03 - 2025 Outfall Initial Dilution Model | 108370-OB | Hazen and Sawyer | 7/16/2024 | GM | \$425,232 | \$0 | \$425,232 | 70% |
| 33 | | | | | \$7,524,850 | \$1,369,108 | \$8,893,958 | |

Appendix Table 4: Active Task Orders by Master Service Agreements

| Project | Purchase Order | Firm | Award Date | Awarding Authority | Original Task Order | Amendments | Current Task Order | Actuals % |
|--|----------------|------------------|------------|--------------------|---------------------|-----------------|---------------------|-----------|
| Agreement for Design Installation, Implementation and Maintenance of a Process Control System | | | | | | | | |
| J-120 - Process Control Systems Upgrades | 107431-OB | ABB, Inc. | 7/28/2021 | Board | \$11,818,480 | \$11,965 | \$11,830,445 | 65% |
| J-120A - Control Room Reconfiguration at Plant No.1 | 108849-OB | ABB, Inc. | 10/28/2024 | Board | \$356,622 | \$0 | \$356,622 | 85% |
| Progressive Design-Build Owner Advisor, Program Management, and Professional Engineering Support Services | | | | | | | | |
| J-137 - Ocean Outfalls Rehabilitation | 108891-OB | Hazen and Sawyer | 11/20/2024 | Board | \$7,941,723 | \$0 | \$7,941,723 | 15% |
| J-133 - Laboratory Replacement at Plant No. 1 | 108891-OB | Hazen and Sawyer | 11/20/2024 | Board | \$6,777,839 | \$0 | \$6,777,839 | 5% |
| P2-141 - Headworks Electrical Distribution Improvements at Plant No. 2 | 108891-OB | Hazen and Sawyer | 7/30/2025 | GM | \$597,620 | \$0 | \$597,620 | 1% |
| PDB24-00 Progressive Design-Build Owner Advisor, Program Management | 108891-OB | Hazen and Sawyer | 11/20/2024 | Board | \$3,737,536 | \$0 | \$3,737,536 | 27% |
| PDB24-00 Progressive Design-Build Owner Advisor, Program Management | 108891-OB | Hazen and Sawyer | 11/20/2024 | Board | \$250,000 | \$0 | \$250,000 | 0% |
| 7 | | | | | \$31,479,820 | \$11,965 | \$31,491,786 | |