

IEUA Upcoming Projects

Engineering and Construction
Management

July 2026

The dates listed in this report may change based on unforeseen circumstances



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Design Consultant Solicitations



3 Current RFPs

FY 26/27

Project No.	Name/Advertise Date	Contact	Budget	Scope
• EN25045.00	• CCWRF Electrical Improvements • July-2026	• Spears, James	\$22,257,000	• Assess and replace major electrical gear—12kV switchgear, MCCs, transformers, panels, and more throughout CCWRF for system reliability
• EN24002.00	• RP-1 Solids Treatment Rehabilitation • Dec-2026	• Spears, James	\$109,600,000	• Rehabilitate RP-1 digesters, piping, and utility water systems; replace pumps, valves, boilers; automate clarifiers and complete condition assessments..



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Contractor Solicitations



5 Current Contractor Solicitation

FY 26/27		FY 27/28		FY29 - FY35	
Project No.	Name/Advertise Date	Contact	Budget	Scope	
• AM26001.00	• Etiwanda Wastewater Line Manhole Condition Assessment • July-2026	• Sprague, Travis	\$550,000	• Establish manhole accessibility for a Level 3 assessment, cleaning, and inspection requiring bypass pumping.	
• EN24007.00	• Recycled Water Pump Station Rehabilitation • Aug-2026	• Cayatte, Pierre	\$12,991,000	• Rehab the 1299 RW pump station with new butterfly valves, motors, impellers, and VFDs, replacing isolation valves first.	
• EN19001.03	• PR-5 Offsite Facilities • Aug-2026	• Spears, James	\$15,730,000	• Install dual sewer force main to reroute flow from the Prado Basin to Kimball Interceptor. Construct a new sewer lift station at the RP-5 Solids Handling Facility and upgrade the RP-2 Lift Station, both to connect to new force main.	
• EN26054.00	• Butterfield Lift Station Improvements • Aug-2026	• Wilson, Brain	\$806,000	• The project will remove and replace four existing pumps and motors and replace the existing Motor Control Center (MCC) that has reached end of life for City of Chino Hills's existing Butterfield Lift Station.	

FY 26/27		FY 27/28	FY29 - FY35	
Project No.	Name/Advertise Date	Contact	Budget	Scope
• RW15003.03	• Montclair Basin Improvements • Aug-2026	• Spears, James	\$4,572,526	• Improvements to the ground water recharge basin including new drop inlets and slide gates.
• EN26058.00	• Maintenance Trailers and Showers Installation • Aug-2026	• Cayatte, Pierre	\$1,500,000	• Purchase portable office and show trailers for 22 field and RP-2, providing adequate facilities, utilities, and storage
• EN26061.00	• RP-5 Power Center 2 Roof Replacement • Aug-2026	• Spears, James	\$500,000	• The project will rehabilitate the RP-5 Power Center 2 roof to eliminate leaks and water intrusion. Work includes roof removal and replacement, substructure repairs, flashing and penetration repairs, hazardous material mitigation as needed, exterior repairs, and protection of critical electrical equipment during construction.



7 Current Contractor Solicitation

FY 26/27		FY 27/28		FY29 - FY35	
Project No.	Name/Advertise Date	Contact	Budget	Scope	
• EN26038.00	• NSCT-100 Brine System Manhole Rehabilitation • Sep-2026	• Spears, James	\$1,331,000	• Provide a structural rehabilitation of manhole NSCT-100.	
• EN24027.00	• Fall Protection and Prevention Solutions at Wastewater locations • Sep-2026	• Cayatte, Pierre	\$9,600,000	• Evaluate locations for CAL/OSHA-compliant fall protection systems, equipment, and restraint measures.	
• EN24055.00	• RP-3 Diversion Structure Height Extension • Oct-2026	• Spears, James	\$255,000	• Design and construct a 2 foot wall extension on top of the new RP3 diversions structure.	



8 Current Contractor Solicitation

FY 26/27

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FY29 - FY35

Project No.	Name/Advertise Date	Contact	Budget	Scope
• EN18025.00	• RP-1 Secondary System Rehabilitation • Oct-2026	• Spears, James	\$15,134,000	• Rehabilitate RP-1 Aeration Basins through replacement of diffusers, valves, mixers, and analyzers
• EN23004.00	• CCWRF Aeration Basins 1-6 Drain Valve Replacements • Dec-2026	• Cayatte, Pierre	\$5,600,000	• Replace six-inch drain valves to prevent backflow in aeration basins 1–6, ensuring reliable drainage.
• EN24023.00	• RP-3 Regional Sewer Diversion Structure Rehabilitation • Dec-2026	• Spears, James	\$1,660,000	• Replace gate valves, rings, covers, sandblast concrete, repair structural damage, and install new diversion structure.
• EN31003.00	• RP-1 New Parking Lot • Feb-2027	• Cayatte, Pierre	\$3,989,000	• The garden area near the Old New Lab building will be converted into a covered parking area with electrical service for the camera van and safety trailer, providing space for large vehicles and safe traffic circulation.



9 Current Contractor Solicitation

FY 26/27					FY 27/28	FY29 - FY35
Project No.	Name/Advertise Date	Contact	Budget	Scope		
• EN23035.00	• CCWRF Return Activated Sludge Header Replacement • Mar-2027	• Cayatte, Pierre	\$1,744,000	• Replace three 16-inch connections to RAS header and about 22 feet of 36-inch pipe, potentially adding bypass.		
• EN23038.00	• CCWRF HVAC System Upgrade • Apr-2027	• Cayatte, Pierre	\$3,760,000	• Replace HVAC equipment serving the Operations Building and Blower Building.		
• EN27022.00	• Archibald and Cucamonga Sewers Rehab • May-2027	• Spears, James	\$16,631,000	• Rehabilitate deteriorated pipelines through slip lining, including bypass pumping as needed. Work includes approximately 350 feet of Archibald Trunk and 12,000 feet of Cucamonga Upland Interceptor Relief pipelines.		

10 Current Contractor Solicitation



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FY29 - FY35

Project No.	Name/Advertise Date	Contact	Budget	Scope
• EN26046.00	• RP-1 Headworks Influent Channel Rehabilitation • Aug-2027	• Cayatte, Pierre	\$4,000,000	• Rehabilitate the RP-1 Headworks Influent Channels with concrete and protective coating repairs, restore manholes to prevent exposed reinforcing steel, replace embedded frames, covers, and gate frames, and repair the leaking south gate to extend the structure's service life.
• EN23074.00	• CCWRF Influent Box Rehabilitation at the Primary Clarifiers • Nov-2027	• Cayatte, Pierre	\$9,642,000	• Remove degraded coating, restore concrete thickness, apply protective coating, and replace aluminum gates with stainless steel for long-term influent box integrity.
• EN25045.00	• CCWRF Electrical Improvements • Jan-2028	• Cayatte, Pierre	\$22,257,000	• Assess and replace major electrical gear-12kV switchgear, MCCs, transformers, panels, and more-throughout CCWRF for system reliability.

11 Current Contractor Solicitation



FY 26/27

FY 27/28

FY29 - FY35

Project No.	Name/Advertise Date	Contact	Budget	Scope
• EN24002.00	• RP-1 Solids Treatment Rehabilitation • Feb-2027	• Spears, James	\$109,600,000	• Rehabilitate RP-1 digesters, piping, and utility water systems; replace pumps, valves, boilers; automate clarifiers and complete condition assessments.

12 Master Contracts



Contract Type	Current Total Contract Amount	Aggregate or Single	Expiration Date	Next Solicitation
Architectural Services	\$1,425,000	Multiple	Apr-26	Nov-26
Project Controls Services and Scheduling Support	\$7,000,000	Multiple	Jul-29	Jul-29



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Upcoming Projects

FY 26/27		FY28/27	FY29 - FY35	
Project No.	Name	Contact	Budget	Scope
• EN26047.00	• RP-5 SCE Fairfield Circuit Coordination Study	• Wilson, Brian	\$400,000	• Conduct a coordination study for RP-5's SCE Fairfield Circuit, reviewing new settings and possibly using a temporary generator.
• EN27055.00	• Regional Sewer System Manhole Upgrades	• Cayatte, Pierre	\$500,000	• Project supports creating sub-projects to design manhole repairs and construct.
• AM27006.00	• Regional Operation Condition Assessments	• Sprague, Travis	\$300,000	• Conduct condition assessments of critical assets to evaluate asset condition, estimate remaining useful life, identify rehabilitation needs, and recommend rehabilitation strategies to support asset management planning.
• AM27002.00	• NRW Condition Assessments	• Sprague, Travis	\$50,000	• Conduct condition assessments of NRW pipelines and pump stations to evaluate asset condition, determine remaining useful life, identify rehabilitation needs, and provide recommendations to support asset planning.

15 Upcoming Projects FY2027



FY 26/27

FY28/27

FY29 - FY35

Project No.	Name	Contact	Budget	Scope
• AM27005.00	• RP-1 Disinfection System Optimization	• Sprague, Travis	\$697,000	• Upgrade disinfection and FES systems with piping replacements, mixing evaluation, valve and instrumentation upgrades, ventilation improvements, air relief valves, sunshades, and controls programming.
• AM26010.00	• Groundwater Recharge Condition Assessment	• Sprague, Travis	\$50,000	• Solicit condition assessments for GWR critical assets to evaluate condition, remaining useful life, and rehabilitation needs, while funding internal Asset Management staff to support evaluations and recommendations.
• EN28012.00	• BSS Manhole Update	• Cayatte, Pierre	\$1,440,000	• Once identified, the Engineering department will respond by creating projects, designing necessary repairs, and constructing.

16 Upcoming Projects FY2027



FY 26/27

FY28/27

FY29 - FY35

Project No.	Name	Contact	Budget	Scope
• AM27004.00	• Recycled Water Condition Assessments	• Sprague, Travis	\$100,000	• Solicit condition assessment services for critical assets to evaluate condition, remaining useful life, and rehabilitation needs, while funding internal Asset Management staff to support assessments and recommendations.
• EN27020.00	• RP-5 Power Center 3 HVAC Upgrades	• Wilson, Brain	\$624,000	• Upgrade the Power Center No. 3 HVAC system with the installation of two new 20-ton HVAC units.



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Future Projects

18 Future Projects FY2028



FY 26/27

FY 27/28

FY29 - FY35

Project No.	Name	Contact	Budget	Scope
• EN24005.00	• 1630 West Reservoir Paint/Coating Repairs and Upgrades	• Spears, James	\$2,090,000	• Replace interior and exterior coating and painting that have reached end of useful life
• EN28007.00	• Advanced Water Purification Facility	• Almasri, Adham	\$231,500,000	• Construct a proposed 15 MGD AWPf at RP-4, including MF, RO, UV-AOP, booster pumps, chemical storage, and purified water stabilization systems.
• EN28004.00	• Advanced Purified Water Conveyance	• Almasri, Adham	\$73,000,000	• Design and construct about 10 miles of 12–16-inch pipelines from the AWPf to injection wells or recharge basins.

19 Future Projects FY2028



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FY 27/28

FY29 - FY35

Project No.	Name	Contact	Budget	Scope
• EN28003.00	• Brine System Siphon Barrel Gate Improvement	• Frabizio, Julianne	\$556,000	• Develop design documents, bid, and construct brine system siphon barrel improvements to ensure reliability.
• EN28008.00	• RP-5 O&M Building	• Wilson, Brian	\$55,000,000	• Construct an O&M building at RP-5 with offices, shop area, showers, lockers, and parking for operational needs.
• AM28003.00	• Agencywide Operations O&M Manuals	• Sprague, Travis	\$1,698,000	• Prepare and update O&M manuals and SOPs for CCWRF and RP-5, reviewing current procedures, identifying improvements, and ensuring efficiency, compliance, and safety.

20 Future Projects FY2028



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FY 27/28

FY29 - FY35

Project No.	Name	Contact	Budget	Scope
• AM28001.00	• Groundwater Recharge O&M Manual	• Sprague, Travis	\$1,131,000	• Prepare and update O&M manuals and SOPs for GWR facilities, review procedures, identify improvements, and ensure efficiency, compliance, and safety.
• AM28002.00	• Recycled Water O&M Manuals	• Sprague, Travis	\$1,131,000	• Prepare and update O&M manuals and SOPs for RW facilities, review procedures, identify improvements, and ensure efficiency, compliance, and safety.
• EN28009.00	• Central Plant Replacement Chiller	• Frabizio, Julianne	\$4,660,000	• Replace existing chillers and boilers with two 150-ton electric units, add pumps, valves, piping, and updated controls for improved sustainability.
• EN28026.00	• Collection System Upgrades	• Frabizio, Julianne	\$4,000,000	• Develop and build collection system repairs identified by Engineering.

21 Future Projects FY2028



FY 26/27

FY 27/28

FY29 - FY35

Project No.	Name	Contact	Budget	Scope
• EN28010.00	• HQ Parking Lot Expansion and EV Charger Purchase	• Frabizio, Julianne	\$5,144,000	• Install 96 EV charging ports, expand parking, and build new electrical infrastructure at multiple sites to support increased power demand.
• EN28011.00	• College Heights Basin Well Sensor Installation	• Frabizio, Julianne	\$75,000	• Design trenching, conduit, level transmitter, and SCADA integration under San Antonio Channel for College Heights Basin well monitoring.
• EN28013.00	• Recurring BSS Manhole Lining Project	• Frabizio, Julianne	\$800,000	• Remove failing liners and use chemical grouting to preserve BSS manholes with infiltration, maintaining structural integrity.
• EN28014.00	• Etiwanda Interceptor Grade-Break Recycled Water Protection/Relocation	• Spears, James	\$216,000	• Remove the 36-inch line and install 4,800 feet of 42-inch recycled water pipeline, ensuring reliable grade-break protection.

22 Future Projects FY2028



FY 26/27

FY 27/28

FY29 - FY35

Project No.	Name	Contact	Budget	Scope
• EN28018.00	• Recurring RSS Manhole Lining Project	• Frabizio, Julianne	\$800,000	• Remove failed liners, apply chemical grouting if needed, and restore manhole interiors to prevent infiltration and maintain structural integrity.
• EN28027.00	• Agencywide Paving	• Frabizio, Julianne	\$3,200,000	• Evaluate and address asphalt repair and replacement needs across the Agency with annual maintenance funding.
• EN28021.00	• RP-1 Hofer Circuit Coordination Study	• Frabizio, Julianne	\$300,000	• Conduct a coordination study at RP-1 Hofer Circuit to review and implement new settings.

23 Future Projects FY2028



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FY29 - FY35

Project No.	Name	Contact	Budget	Scope
• EN28024.00	• Etiwanda Interceptor Grade-Break Sewer Protection/Relocation	• Spears, James	\$216,000	• Draft pre-design for maintaining or relocating the Etiwanda Trunk Sewer, determining cost and permitting.

24 Future Projects FY2029 - 2036



FY 26/27

FY 27/28

FY2029 – FY2036

Project No.	Name	Contact	Budget	Scope
• EN25010.00	• RSS- Collection System Pipe Rehabilitation	• Spears, James	\$6,000,000	• Replace or refurbish failing air expansion tanks to extend their service life in the regional sewer system.
• EN27006.00	• Chino Interceptor Diversion Pipe Repair	• Frabizio, Julianne	\$3,627,000	• Evaluate the existing pipeline and prepare the engineering design, plans, specifications, cost estimates, and bid documents for rehabilitation..
• EN31002.00	• Riverside Drive Trunk Pipe Repair	• Frabizio, Julianne	\$4,250,000	• Fix Riverside Drive trunk pipe issues, coordinating traffic, bypasses, and odor notifications, ensuring minimal community disruption.
• EN29009.00	• RP-1 Operations and Maintenance Building Rehabilitation/Mod	• Spears, James	\$16,500,000	• Renovate RP-1 O&M building: update breakrooms, restrooms, conference areas, electrical systems, lighting, flooring, doors, and lab space.

25 Future Projects FY2029 - 2036



FY 26/27

FY 27/28

FY2029 – FY2036

Project No.	Name	Contact	Budget	Scope
• EN29014.00	• Agencywide Wastewater VFD Upgrades	• Spears, James	\$1,000,000	• Replace end-of-life variable frequency drives (VFDs) at the Agency's southern and northern facilities as part of an Agency-wide replacement program.
• EN29010.00	• Agencywide Air Relief Valves Upgrade and Replacement	• Frabizio, Julianne	\$1,500,000	• Standardize air/vacuum relief valves with A.R.I. models, add check and isolation valves, and improve pipeline maintenance safety.
• EN29012.00	• CCWRF to RP-5 PS & WAS Line Replacement	• Frabizio, Julianne	\$6,015,000	• Replace the 6-inch Primary Sludge (PS) and Waste Activated Sludge (WAS) pipelines between CCWRF and RP-5, including associated air-relief valves and cathodic protection, as required.

26 Future Projects FY2029 - 2036



FY 26/27

FY 27/28

FY2029 – FY2036

Project No.	Name	Contact	Budget	Scope
• EN25069.00	• CCWRF Process Improvements Phase II	• Frabizio, Julianne	\$16,097,000	• Install aeration basin moisture purge lines, update drop legs and diffusers, replace pumps, add chemical containment, and repaint piping at CCWRF.
• EN26002.00	• Vineyard Pipe Repair	• Frabizio, Julianne	\$792,0000	• Repair the Vineyard pipeline to restore functionality and reduce risk to the sewer system.
• EN28022.00	• CCWRF Filter Inlet and Bypass Gates Replacement	• Frabizio, Julianne	\$2,308,000	• Replace inlet and bypass gates for reliable filter flow control at CCWRF.
• EN24006.00	• 930 Reservoir Paint/Coating Repairs and Upgrades	• Spears, James	\$2,668,000	• Perform coating and painting repairs at the 930 Reservoir, including surface preparation and corrosion repair.

27 Future Projects FY2029 - 2036



FY 26/27

FY 27/28

FY2029 – FY2036

Project No.	Name	Contact	Budget	Scope
• EN26015.00	• Edison Waste Line Abandonment Project	• Frabizio, Julianne	\$3,164,000	• Fill pipeline and manhole barrels while removing lids and grade rings, then grade and compact to prevent future collapse.
• EN31001.00	• Freeway Trunk Pipe Repair	• Frabizio, Julianne	\$13,000,000	• Plan, design, and bid Freeway Trunk Pipe repairs, awarding to lowest responsible bidder for public works construction.
• EN29003.00	• Replace Aeration Basin Influent/RAS, Step feed Gates	• Frabizio, Julianne	\$5,013,000	• Inspect and replace corroded aeration basin influent and RAS gates with stainless steel for improved durability.
• EN33001.00	• CCWRF Paving Replacement	• Frabizio, Julianne	\$953,000	• Replace deteriorated paving, concrete, and vaults throughout the CCWRF.
• EN33002.00	• RP-4 Emergency Storage Lagoon Pump System Improvement	• Frabizio, Julianne	\$2,809,000	• Install redundant pumps and upgrade controls for the RP-4 emergency lagoon system.

28 Future Projects FY2029 - 2036



FY 26/27

FY 27/28

FY2029 – FY2036

Project No.	Name	Contact	Budget	Scope
• EN33003.00	• RP-5 Vactor Dump Station Construction	• Frabizio, Julianne	\$6,981,000	• Build a new septic dump station near RP-5 EOP with odor control per AQMD standards, guided by consultant design.
• EN26010.00	• RP-4 Process Improvements Phase III	• Spears, James	\$15,826,000	• Upgrade the RP-4 facility by integrating ammonia control valves, replacing MLR valves, rehabilitating the biofilter, upgrading the grit chamber, reconfiguring pumps, and modifying associated piping..
• EN26013.00	• RP-5 Low Pressure DG holder	• Wilson, Brian	\$7,260,000	• Construct a new low-pressure digester gas holder at RP-5.
• EN31021.00	• Sewer Pipe at Imperial Ave Relocation	• TBD	\$6,403,0000	• Design and construct new jack-and-bore steel casing pipe crossings beneath the Union Pacific Railroad tracks, reroute existing sewer pipelines through the new casings, and obtain the required permits, environmental clearances, and railroad coordination necessary for construction.

29 Future Projects FY2029 - 2036



FY 26/27

FY 27/28

FY2029 – FY2036

Project No.	Name	Contact	Budget	Scope
• EN34020.00	• CCWRF South Gate Catch Basin Improvement	• Frabizio, Julianne	\$479,000	• Construct a spill containment and conveyance system on the east side of the facility, including a trench, catch basin, conveyance to the ESB, and a level transmitter.
• EN28025.00	• Preserve Lift Station Level Redundancy Improvements	• Frabizio, Julianne	\$400,000	• Hardwire redundant level switches for Preserve Lift Station pumps, adding a bypass switch for high-rag scenarios.
• EN30025.00	• RP-1 Dump Station	• Spears, James	\$3,143,990	• Rehabilitate the headworks gate and access facilities, adding key FOB entry for waste haulers, wash station concrete and drains, removable fencing, and security upgrades to support 24/7 controlled operations.
• EN24001.00	• RP-1 Liquid Treatment Capacity Recovery	• Frabizio, Julianne	\$490,000,000	• Evaluate and design upgrades to increase RP-1 liquid treatment capacity to 40 MGD.

30 Future Projects FY2029 - 2036



FY 26/27

FY 27/28

FY2029 – FY2036

Project No.	Name	Contact	Budget	Scope
• EN25071.00	• San Bernardino Lift Station Containment	• Frabizio, Julianne	\$590,000	• Develop containment solutions for potential large or small leaks at San Bernardino Lift Station, exploring nearby drainage options.
• EN34001.00	• Prado Dechlorination Motor Control Center Replacement	• Frabizio, Julianne	\$3,226,908	• Replace MCC-1 at Prado Dechlorination, coordinating temporary power and ensuring updated equipment reliability.
• EN36001.00	• RP-1 Headworks Runoff Drain Improvements	• Frabizio, Julianne	\$3,226,908	• Design and construct improvements to capture, contain, and convey foul runoff at RP-1, including drainage collection, grading, concrete and curb improvements, and conveyance of captured flow to the plant storm drain pump station.

31 Link to Upcoming Design and Construction Projects

