Official Memorandum

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To: Finance & Administration Committee Members, Alternates

From: Federico Barajas, Executive Director
Chauncey Lee, Operations & Maintenance Manager
Jaime McNeil, Engineering Manager

Date: November 2, 2026

RE: Recommendation to Adopt the Proposed Fiscal Year 2028 OM&R Budget, including Routine OM&R and Extraordinary OM&R/Capital Improvement Program Budgets

Background

The proposed OM&R Budget is first reviewed with the Operations & Maintenance Technical Committee (OMTC). Next, the OM&R Budget is reviewed with the Finance & Administration Committee (FAC). Per Article 12(a) of the SLDMWA Transfer Agreement: "Not later than ninety (90) days before the start of each Year, the Authority shall submit to each Water Delivery Contractor, and all Parties Entitled to Utilize or Receive Other Water, the proposed budget for the next Year for all activities of the Authority to be carried out under this Agreement. … The Authority shall afford each Water Delivery Contractor and all Parties Entitled to Utilize or Receive Other Water the opportunity to submit comments on such proposed budget by sixty (60) days before commencement of the Year." Subsequently, the proposed budget is considered by the San Luis & Delta-Mendota Water Authority Board of Directors.

The OMTC met on October 19, 2026 and reviewed the proposed Fiscal Year (FY) 2028 OM&R budget in detail. All seven of the OMTC members present at the meeting unanimously recommended adoption of the FY2028 O&M budget to the Finance and Administration Committee. Because a formal recommendation of the OMTC to the FAC to adopt an OM&R Budget requires the "yes" vote of at least eight of ten members, and fewer than eight members were present, no formal recommendation was made. (Second Amended and Restated MOU, Section V.A.3.)

The proposed FY2028 OM&R budget is $31,780,407 excluding the Capital Improvement Program (CIP) budget. The major budget components include the following:

- Routine OM&R Budget: $24,248,253 (includes $597,976 for USBR contract)
- Extraordinary OM&R Budget: $7,532,154
- CIP Budget: $70,640,372 ($1,095,900 included in self-funded OM&R portion)

Salary-related figures in this packet include a preliminary 3.0% increase placeholder, subject to change following further analysis.

Issue for Decision

Whether the Finance & Administration Committee should recommend the proposed FY2028 OM&R Budget for adoption by the Board of Directors.

Recommendation

Staff recommends the proposed FY2028 OM&R Budget be recommended by the FAC to the Board of Directors for adoption.

Budget Details

Comparisons between the proposed FY2028 budget to the approved FY2027 budget are provided in **Attachment 1**. The proposed FY2028 OM&R Budget of $31,780,407 is 21.27% above the Board-adopted FY2027 OM&R Budget of $26,206,921. The total proposed self-funded portion paid by the water users is $32,278,329 which is an increase of 22.25% from the FY2027 budget. The RO&M portion of the budget ($23,650,275) increased by 17.06%. The EO&M portion of the budget ($7,532,154) increased by 40.57%, and the Capital Improvement Projects portion of the budget (CIP/USBR Funded) ($70,640,372) decreased by 1.97%.

The comparison between the proposed FY2028 OM&R Budget and the Board-adopted FY2027 OM&R Budget is summarized below; with additional details provided in the attachments.

1. Proposed FY2028 Routine OM&R Budget
   ($3,356,250 - increase of 14.8% above FY2027)

The Routine OM&R Budget line-item detail and the rationale for variances in line-item budgets greater than 5% is described in **Attachment 2** to this memorandum. In addition, **Attachment 2** includes proposed staffing levels, the proposed organization chart, and proposed special purchases for parts/materials, equipment, and services that are funded through the Routine OM&R Budget.

2. Proposed FY2028 Extraordinary OM&R/CIP Budget
   ($71,636,375 decrease of 2.09% below FY2027)

The Extraordinary OM&R/CIP Budget includes the following projects, as broken down by major categories (see **Attachment 3** for additional detail):

- Extraordinary OM&R Projects – **10** total projects, total of $4,301,532
- Reserve Projects – **6** total projects, total of $2,492,399
- Special Funded Extraordinary CIP Projects – **6** total projects, total of $70,640,372

Attachments

1. FY2028-FY2027 Budget Comparison Summary
2. Routine OM&R Budget
    a. Routine OM&R Budget line-item variances greater than 5%
    b. Staffing Information
        i. Staffing Levels
        ii. Proposed FY2028 Organization Chart
        iii. New Position Justifications
    c. Salary and Wage Adjustment Policy
    d. Special Purchases
        i. Parts & Materials

   ii. Equipment
   iii. Services
3. Extraordinary OM&R, Reserve, and Capital Improvement Program
   a. Extraordinary OM&R and Capital Improvement Projects Funding Summary FY2028
   b. Extraordinary OM&R and Capital Improvement Projects Ten-Year Plan FY2028-FY2037
   c. Proposed FY2028 Extraordinary OM&R and Capital Improvement Program Detailed Project Information
4. EO&M/CIP Project Carryover Information



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Attachment 1

FY2028-FY2027 Budget Comparison Summary



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Total Budget Summary

O&M Budget's Summary (Fund 01 and Fund 26)		Approved FY27 Budget (1) a	Proposed FY28 Budget (1) b	% Change FY27 - FY28 (b-a)/a
Routine O&M (Water Users)	A	$ 20,202,798	$ 23,650,275	17.06%
USBR Funded O&M (Service Contract)	B	$ 645,755	$ 597,976	(7.40%)
Subtotal (Water Users & USBR) [A+B]	**C**	**$ 20,848,553**	**$ 24,248,253**	**16.31%**
Extraordinary O&M (Water Users) (EO&M)	D	$ 4,686,471	$ 6,793,932	
Estimated Indirect Costs (1)	E	**$ 671,897**	$ 738,221	
Subtotal (EO&M) [D+E]	**F**	**$ 5,358,368**	**$ 7,532,154**	**40.57%**
Total Budget EO&M and O&M [A+F] (includes Service Contract)	**G**	**$ 26,206,921**	**$ 31,780,407**	**21.27%**
Self Funded Portion of CIP (Fund 25) Costs from Below (2)	H	$ 842,986	$ 1,095,900	
Total Self-Funded Budget [A + F + H] (Water Users, EO&M, CIP, excludes Service Contract)	**I**	**$ 26,404,152**	**$ 32,278,329**	**22.25%**
Special Funded Projects Summary (3) (Fund 25)				
Capital Improvement Projects (CIP) and Grant Funded Projects	J	$ 72,059,971	$ 70,640,372	(1.97%)
Estimated Indirect Costs (1)	K	$ 1,105,773	$ 996,003	
Total (CIP/Grant) Projects (Fund 25) [J + K]	**L**	**$ 73,165,744**	**$ 71,636,375**	**(2.09%)**

Notes:

(1) The totals include estimated indirect costs.

(2) Due to shortages in BIL funding for the JPP Excitation System & Control Panel Refurbishment Project, certain expenses are required to be self-funded. Self-funded expenses include SLDMWA labor and Project Management consulting fees.

(3) Special Funding consists of reimbursable Bipartisan Infrastructure Law (BIL) funding and non-reimbursable One Big Beautiful Bill Act (OBBA) funding. In FY28, the DMC Subsidence Correction Project will be funded by OBBBA funds, while all other Special Funded projects will be funded through BIL.

Attachment 2

a. **Routine OM&R Budget line-item variances greater than 5%**
b. **Staffing Information**
    i. **Staffing Levels**
    ii. **Proposed FY2028 Organization Chart**
    iii. **New Position Justifications**
c. **Salary and Wage Adjustment Policy**
d. **Special Purchases**
    i. **Parts & Materials**
    ii. **Equipment**
    iii. **Services**



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2a. Routine OM&R Budget line-item variances greater than 5%

COLUMN:	B	C	B vs C	C - B	
SLDMWA ANNUAL BUDGET ROUTINE O&M BUDGET - FY2028 SELF-FUNDED & USBR - FUNDED O&M ONLY SUMMARY (No EO&M & CIP) ***Proposed Budget***	**2027**	**2028**			
	Approved Budget FY27	**Proposed Budget FY28**	**% Difference**	**$ Difference**	**Explanation**
5101 Salaries	11,373,826	13,297,644	16.9%	1,923,818	$114k FY27 Exec Comp increases not included in FY27 column 3% COLA ($764k), 3 new positions $354k), Position Grade Elevations ($536k), Vacation Exp Incr ($155k)
5102 Overtime	422,341	422,341	0.0%	-	
5103 Salary Related Expenses	2,511,186	2,144,994	-14.6%	(366,192)	3 new positions ($13k), Incr in RetPlan Contributions ($67k), Reduction on WC Estimate($-447k)
5108 Sick Cash Out Expense	74,000	74,000	0.0%	-	
5141 Health Insurance - SLDMWA Contr	2,419,484	2,658,076	9.9%	238,592	Medical Insurance premiums increasing 10%-12% depending on plan
Subtotal Salaries & Employee Benefits	**16,800,837**	**18,597,055**	**10.7%**	**1,796,218**	
5210 Office Services & Supplies	77,150	83,900	8.7%	6,750	Increase to Dept 10 for Maintenance Contract costs
5211 Mailing Costs	7,500	8,000	6.7%	500	Increased to better match actuals
5216 Small Tools	55,700	59,850	7.5%	4,150	Increased to better match actuals
5221 Clothing, Personal Equip/Laundry Srvcs	58,550	83,600	42.8%	25,050	Increase to Dept 50 of 20K for Air Gas Monitoring services
5226 Janitorial Supplies & Services	11,650	16,800	44.2%	5,150	Increased to better match actuals
5228 Auditing	59,000	59,000	0.0%	-	
5229 Legal	234,500	141,500	-39.7%	(93,000)	Decrease to Dept 30 due to litigation being covered by JPIA
5231 Other Professional Services	748,300	820,250	9.6%	71,950	Increase to Dept 10 for IT/SCADA/Cyber Security Consulting Services
5236 Security Services	-	600	0.0%	600	
5237 Fees & Licenses	23,720	23,950	1.0%	230	
5241 Other Services & Expenses	702,470	685,210	-2.5%	(17,260)	
5243 Computer Software	86,800	170,935	96.9%	84,135	Increase in NetSuite Licenses and 10.5% CA sales tax on Software
5246 Rents/Leases - Ofc. Machinery & Equipment	7,400	7,400	0.0%	-	
5247 Organizational Membership Dues	25,000	37,560	50.2%	12,560	Increase to Dept 30 for ACWA Membership Dues
5251 Professional Organization Dues	8,225	13,310	61.8%	5,085	Increase to Dept 50 for AWWA Membership Dues
5256 Conference & Training Costs	260,115	292,850	12.6%	32,735	Increase to Dept 50 for meetings, trainings, and seminars
5261 Travel	129,000	129,750	0.6%	750	
5271 Employee & Group Meetings	35,950	64,930	80.6%	28,980	Increase to Dept 05 to better match actual
5286 Parts/Materials - Vehicle/Constrct Equip	101,500	100,000	-1.5%	(1,500)	
5288 Petroleum, Oil & Lubricants	410,750	449,250	9.4%	38,500	Increase due to continued increase in the cost of diesel, unleaded and propane fuels based on our three-year average fuel consumption and the current costs of $6.05 per gallon of gasoline and $7.98 for a gallon of diesel
5289 Electric Vehicle Charging Costs	2,400	-	0.0%	(2,400)	
5291 Outside Services - Vehicle/Constrct Equip	100,950	101,850	0.9%	900	
5296 Rents/Leases - Vehicle/Constrct Equip	58,000	58,000	0.0%	-	
5301 Parts & Materials - Bldg/Grnds/Mach/Equip	614,600	1,117,000	81.7%	502,400	Increases to Dept 44(200K) and Dept 45(200K) for Golden Mussel UV Lighting systems, 75K to Dept 45 for two new Actuator Rods
5311 Outside Services - Bldg/Grnds/Mach/Equip	436,300	856,900	96.4%	420,600	Increases to Dept 44(50K) and Dept 45(260K) for Golden Mussel dive, pressure washing and scaffolding services, 109.5K to Dept 50 for fire Suppression System Services
5316 Rents/Leases - Land & Buildings	160,567	160,567	0.0%	-	
5331 Pipe, Metal & Treatments	86,000	281,500	227.3%	195,500	Increases to Dept 44(50K) and Dept 45(140K) for piping and valve modifications due to the presence of Golden Mussels
5341 Sand, Backfill & Rock	31,500	31,500	0.0%	-	
5351 Concrete & Paving Material	30,000	30,000	0.0%	-	
5361 Chemicals	168,050	198,050	17.9%	30,000	Increased due to anticipated surge in the cost of chemicals for weed, rodent, and water treatment
5372 Telephone Expenses	182,000	175,640	-3.5%	(6,360)	
5373 Energy	93,000	93,000	0.0%	-	
5375 Network Communications	83,100	81,700	-1.7%	(1,400)	
5376 Hazardous Waste Disposal	20,500	24,500	19.5%	4,000	Increase to Dept 44 to better match actuals
5377 Disposal Expense	41,200	42,925	4.2%	1,725	
5999 G/L ON DISPOSIITON OF ASSETS	-	5,000	0.0%	5,000	Obsolete Inventory Disposal
Subtotal Services & Supplies	**5,151,447**	**6,506,777**	**26.3%**	**1,355,330**	
5401 Insurance Premiums & Fees	318,300	589,002	85.0%	270,702	Increase to Dept 30 for Cyber Security
Subtotal Other Charges	**318,300**	**589,002**	**85.0%**	**270,702**	
5521 New/Replacement Equipment & Furniture	301,440	224,140	-25.6%	(77,300)	Decreased to better match actuals
5523 Computer Hardware	39,200	43,500	11.0%	4,300	Increase to Dept 10 to better match actuals
5526 Water Meters	15,000	22,000	46.7%	7,000	Increase to Dept 42 for the purchase of batteries for Phase 1 McCrometer Meters
Subtotal Capital Assets	**355,640**	**289,640**	**-18.6%**	**(66,000)**	
TOTAL ROUTINE O&M BUDGET	**22,626,224**	**25,982,474**	**14.8%**	**3,356,250**	
Less: **Allocated indirect charged to EO&M Reserve:**	**(671,897)**	**(738,221)**			
Allocated indirect charged to CIP & Other Funds:	**(1,105,773)**	**(996,003)**			
	20,848,554	**24,248,250**			

BUDGET DETAILS

Adjusted Routine O&M (RO&M) Budget Increase of 14.8% or $3,356,250

Parts, Materials and Services ($1,355,330 increase)

- Office Services and Supplies Increased $6.7K (8.7%)
  - Increase in Maintenance Contract costs for Department 10

- Mailing Costs Increased $.5K (6.7%)
  - Increased to better match existing department needs

- Small Tools Increased $4.1K (7.5%)
  - Increased to better match existing department needs

- Clothing, Personal Protective Equipment (PPE) increased $25K (42.8%)
  - Increase to Dept 50 of $20K for Air Gas Monitoring services

- Janitorial Supplies and Services Increased $5.1K (44.2%)
  - Increased to better match existing department needs

- Legal Decreased $93K (-39.7%)
  - Decrease to Dept 30 litigation costs that were covered by JPIA

- Other Professional Services Increased $71.9K (9.6%)
  - Increases to Dept 10 for IT/SCADA/Cyber Security consulting services

- Computer Software Increased $84.1K (96.9%)
  - Increase to Dept 10 for added licenses (NetSuite, Adobe, Shepherd, AI, Office 365) and 10.5% CA sales tax

- Organizational Membership Dues Increased $12.5K (50.2%)
  - Increase to Dept 30 for ACWA membership dues

- Professional organization dues Increased $5K (61.8%)
  - Increase to Dept 62 of $4K for AWWA membership dues

- Conference and Training Costs – Increased $32.7K (12.6%)
  - Increase due to Dept 50 for meeting and training expenses

- Employee and Group Meetings – Increased $29 K (80.6%)
  - Increase to Dept 05 to better match existing needs

- Petroleum, Oil, and Lubricants – Increased $38.5K (9.4%)

    - Increase due to anticipated higher cost of diesel, unleaded and propane fuels based on our three-year average fuel consumption and the current cost per gallon at $6.05 for gasoline, and $7.98 cost per gallon for diesel

- Parts/Materials - Bldg., Grounds, Mech, and Equip. Increased $502.4K (81.7%)
    - Increase to Dept 44 of $200K for Golden Mussel UV Lighting at JPP
    - Increase to Dept 45 of $200K for Golden Mussel UV Lighting at OPP
    - Increase to Dept 45 of $75K for two new Actuator Rods at OPP

- Outside Services – Facilities and plant equipment Increased $420.6K (96.4%)
    - Increase to Dept 44 of $50K for dive teams and scaffolding related to Golden Mussels
    - Increase to Dept 45 of $260K for divers, pressure washing and scaffolding related to Golden Mussels
    - Increase to Dept 50 of $109.5K for Fire Suppression System Services

- Pipe, metal, and Treatments – Increased $195.5K (227.3%)
    - Increase to Dept 44 of $50K for piping and valve costs related to Golden Mussels
    - Increase to Dept 45 of $140K for piping and valve costs related to Golden Mussels

- Chemicals - Increased $30K (17.9%)
    - Increase due to anticipated surge in the cost of chemicals for weed, rodent, and water treatment

- Hazardous Waste Disposal – Increased $4K (19.5%)
    - Increased to better match existing department needs

- New/Replacement Equip and Furniture – Decreased $77.3K (-25.6%)
    - Decreased to better match existing department needs

- Computer Hardware – Increased $4.3K (11%)
    - Increased to better match existing department needs

- Water Meters – Increased $7K (46.7%)
    - Increased due to battery purchases for our new meters

- **Equipment/Capital Asset Purchases**
    - Net decreased from FY27 of $66K (-18.6%)

2.b Staffing Levels, Organization Chart (Proposed), New Position Justifications

Summary of Assumptions and Considerations

Proposed OM&R positions budgeted fully or partially for FY28

Position Titles	Total FY28 Positions (Proposed)
Accountant II (1-**PROPOSED**)	2
Accountant III	1
Accounting Manager	2
Accounts Payable Technician	1
Apprentice Electrician **(1-PROPOSED)**	2
Assistant Civil/Electrical/Mechanical Engineer	3
Associate Civil/Electrical/Mechanical Engineer	2
Buyer	1
C&I Technician	3
Canal Operator	2
Chief Operating Officer	1
Chief Strategic & Administrative Officer	1
Civil Engineering Manager	1
Civil Maintenance Foreman	2
Civil Maintenance Planner	1
Civil Maintenance Superintendent	1
Contract Specialist	1
Control Operator	9
Custodian	2
Deputy General Counsel	1
Director of Finance	1
Director of HR & Administration	1
Electrical Project Specialist	1
Electrical/Mechanical Engineering Manager	1
Electrician	6
Engineering Director	1
EO&M/CIP Manager **(PROPOSED)**	1
Equipment Mechanic	2
Equipment Operator	4
Executive Director	1
Executive Secretary	1
External Affairs Director **(PROPOSED)**	1
General Counsel	1
HR Analyst II	1
HR Coordinator	1
Hydro Tech I	2
Hydro Tech II	2
Hydro Tech III	1

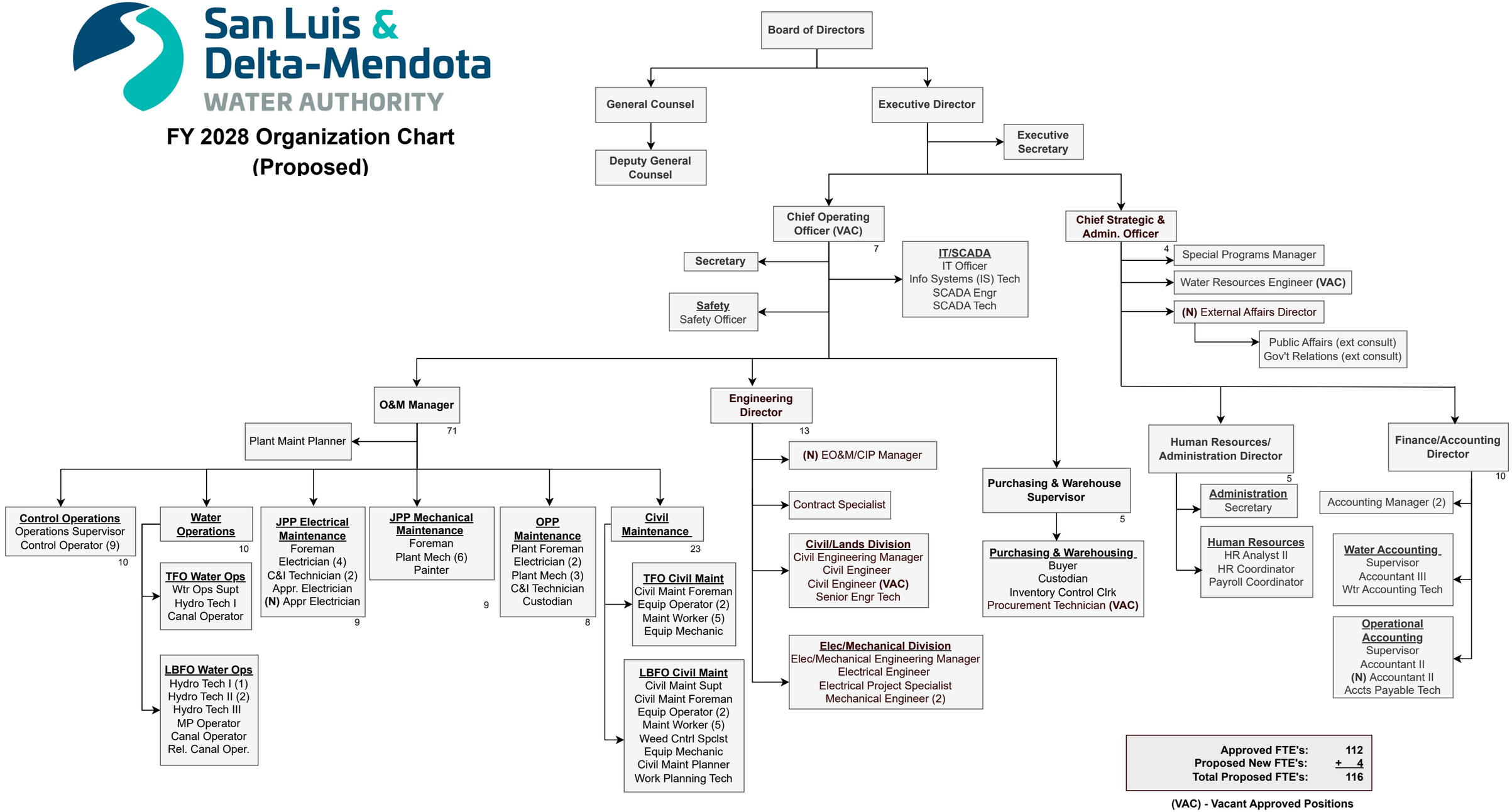
Position Titles	Total FY28 Positions (Proposed)
Information Systems Technician	1
Information Technology Officer	1
Inventory Control Clerk	1
JPP Electrical Maintenance Foreman	1
JPP Mechanical Maintenance Foreman	1
Maintenance Worker	10
Mendota Pool Operator	1
O&M Manager	1
Operations Supervisor	1
OPP Maintenance Foreman	1
Painter	1
Payroll Coordinator	1
Plant Maintenance Planner	1
Plant Mechanic	9
Procurement Technician	1
Purchasing & Warehouse Supervisor	1
Relief Canal Operator/Rodent Control	1
Safety Officer	1
SCADA Engineer	1
SCADA Technician	1
Secretary	2
Special Programs Manager	1
Sr. Engineering Technician	1
Supervisor of Operational Accounting	1
Supervisor of Water Accounting	1
Water Accounting Technician	1
Water Operations Superintendent	1
Water Resources Engineer	1
Weed Control Specialist	1
Work Planning Technician	1
Total FY28 Positions (PROPOSED)	116

NOTE: The position of Director of External Affairs is a non-O&M position and is budgeted in the Activity Budget. The positions of Executive Director, General Counsel, Deputy General Counsel, Chief Strategic Administrative Officer, Special Programs Manager and Water Resources Engineer (approved but vacant) are budgeted for both O&M and Activities budgets.

- Routine O&M salaries will vary each year depending on the amount of staff labor dedicated to EO&M and Capital projects.
- Costs associated with USBR activities (Tracy Fish Collection Facility, Fish Release Sites and Delta Cross Chanel) are paid directly by the USBR through a service contract.

San Luis & Delta-Mendota WATER AUTHORITY

FY 2028 Organization Chart (Proposed)



Approved FTE's:	**112**
Proposed New FTE's:	**+ 4**
Total Proposed FTE's:	**116**

(VAC) - Vacant Approved Positions
(N) - New Position

revised 10/6/2026

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
NEW POSITION JUSTIFICATION
Fiscal Year 2028

Position Title: Accountant II
Salary Grade: 13
Department: 20 – Finance/Accounting Department
Fund: 01

Salary Cost	Benefits / Other	Estimated Annual Cost
$80,370	$24,700	$105,070

DESCRIPTION OF CURRENT CIRCUMSTANCES THAT DRIVE THIS REQUEST

As the complexity of the organization has grown, the finance department staff has more work than current staff levels can perform within the time constraints of our reporting calendar. Currently, insufficient resources are available to create a routine monthly close. Finance resources are needed to assist and support the changing of workflows that will allow the authority to timely complete the month and the year-end financial close. In addition, the accounting process that is in place lacks internal controls of segregating the duties of the invoice function and the cash receipt function. The same person who creates invoices is also the person who applies the payment when the cash is received. This new position would be responsible for posting payments to invoices in NetSuite but also participate in monthly reconciliations of general ledger accounts as assigned and performing analysis and month-end reporting tasks. Some specific assignments relate to accounting for the USBR service contract, reconciling inventory, monitoring and adjusting prepaid assets, and providing additional analytical support.

DESCRIPTION OF HOW THIS REQUEST WOULD CHANGE CURRENT CIRCUMSTANCES

The addition of this position will allow for timely monthly reconciliations of inventory and certain other general ledger accounts while allowing for a segregation of duties between the A/R function and the Cash application function. Concentrating the cash application function to this position further relieves two over-utilized resources allowing for additional focus and timely completion of monthly, yearly, and audit related tasks.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
NEW POSITION JUSTIFICATION
Fiscal Year 2028

Position Title: EO&M/Capital Improvement Program (CIP) Manager
Salary Grade: 29
Department: 60 - Engineering
Fund: 26

Salary Cost	Benefits / Other	Estimated Annual Cost
$160,120	$44,621	$204,741

DESCRIPTION OF CURRENT CIRCUMSTANCES DRIVING THIS REQUEST

Over the last several years, the Water Authority's EO&M and Capital Improvement Project (CIP) workload has increased exponentially with only minimal staffing increases. Historically, the Engineering Manager has been responsible for maintaining the 10-Year plan and managing the overall EO&M/CIP program, while also overseeing the engineering staff as they complete the individual EO&M and Capital Improvement Projects alongside their regular O&M responsibilities. With the number, size, and complexity of the projects included on the 10-Year plan, it has become increasingly difficult to dedicate the time necessary to keep the plan current and ensure that future projects are identified, prioritized, scheduled, and appropriately budgeted. This has resulted in projects being identified outside of the normal planning process and, in some cases, the need for additional budget requests. More consistent management of the 10-Year Plan will allow the Water Authority to better anticipate upcoming needs, develop more reliable budgets, and reduce the need for unplanned projects and supplemental funding requests.

At the same time, Phase 1 of the DMC Subsidence Correction Project is currently underway, with substantial amount of work anticipated over the next several years. While the Water Authority will rely heavily on consultants for program management and project delivery, the size and complexity of the project will still require significant involvement from Water Authority staff. Internal staff will be needed to provide direction, make decisions, coordinate with Reclamation and member districts, and ensure the project continues to meet expectations. Currently, the Civil Engineering Manager is dedicating the majority of their time to the project. As the project moves further into implementation, the level of effort required is expected to continue. At the same time, there are other EO&M projects, and regular O&M activities, and engineering programs that require management and attention. Continuing to absorb the Subsidence Project workload within the existing staffing structure will make it increasingly difficult to prove the appropriate level of support to these other responsibilities.

DESCRIPTION OF HOW THIS POSITION WILL IMPROVE CURRENT CIRCUMSTANCES

Under the direction of the Engineering Manager, the EO&M/CIP Manager would provide dedicated oversight of the 10-Year Plan and individual project management while also providing additional internal support for the Subsidence Project. This would help ensure that the Water Authority can keep pace with the demands of the Subsidence Project without losing focus on the planning and delivery of the remaining EO&M/CIP program and the ongoing O&M needs of the facilities.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
NEW POSITION JUSTIFICATION
Fiscal Year 2028

Position Title: Apprentice Hydro Electrician - Step 1
Salary Grade: 19
Department: 43 – JPP Electrical Maintenance
Fund: 01

Salary Cost	Benefits / Other	Estimated Annual Cost
$84,600	$27,775	$112,435

DESCRIPTION OF CURRENT CIRCUMSTANCES DRIVING THIS REQUEST

Currently, electrical operations at the Jones Pumping Plant (JPP) rely heavily on the technical leadership and expertise of a senior journeyman. With this senior electrician having recently submitted a retirement plan, the facility faces the imminent loss of well over 25 years of institutional knowledge, specialized plant history, and critical operational expertise. Given the complex electrical systems at JPP and the demanding schedule for ongoing maintenance and multi-year projects, proactive succession planning is essential to prevent severe operational disruptions and maintain overall facility reliability.

To mitigate the risk of a critical knowledge gap, it is proposed to add a Hydroelectric Plant Electrician Apprentice position to work directly alongside the soon retiring electrician prior to his departure for the next 18 to 24 months. This deliberate overlap will facilitate a comprehensive transfer of institutional memory, procedural nuances, and hands-on technical skills accumulated over more than two decades. In addition to the formal framework provided by enrollment in the Department of Water Resources Apprenticeship Program, this direct mentorship ensures the incoming apprentice develops the plant-specific competencies required to uphold long-term maintenance standards and support JPP's ongoing operational demands.

Furthermore, establishing this role reinforces overall plant self-sufficiency and prevents secondary operational strain across connected departments. Historical workload demands show that a shortfall in dedicated, fully trained electricians leads to deferred preventive maintenance (PM) activities and growing backlogs. By strategically timing this apprenticeship with the senior electrician's retirement timeline, JPP will preserve vital institutional memory, maintain optimal baseline staffing, and ensure the continuous, reliable operation of plant equipment without creating labor deficits elsewhere in the organization.

DESCRIPTION OF HOW THIS POSITION WILL IMPROVE CURRENT CIRCUMSTANCES

The Authority has experienced difficulty recruiting journeyman level Hydro Electricians due to the complexity of the work associated with the position. However, we have had success with hiring entry level employees and providing the apprentice training program to develop well qualified Electricians specific to our facilities and needs. Hiring an Apprentice Hydro Electrician in FY 2028 will allow the Apprentice sufficient time to complete the apprenticeship program (four years) and gain valuable knowledge while being mentored by our most senior Hydro Electrician in time for the impending retirement. This Apprenticeship position is part of our succession plan and will allow for a smooth transition in the years to come.

2.c Salary and Wage Adjustment Policy

Salary and Wage Adjustment Policy

(From SLDMWA Employee Handbook – Updated 5/5/2025)

"Each year salary adjustment recommendations are presented to the Finance and Administration Committee for approval. Final approval is required by the Board of Directors.

The salary structure is a step program. Maximum salaries are based on "average mean maximum" salaries from salary survey results. New employee salaries are set at Step I (introductory). After successful completion of the introductory period, the new employee salary graduates to Step II. Each two years thereafter, with performance that meets expectations in all areas of performance, employees have the opportunity to advance step(s). If performance is considered below expectation in any area of performance, advancement to the next step may not occur. Any employee on performance improvement plan (PIP) will be ineligible for step increases and/or promotion.

Salary adjustment recommendations to the salary grades are at the discretion of the Executive Director, with input from the Chief Operating Officer. Factors considered in such adjustments will include but are not limited to:

- Consumer Price Index (CPI) for Pacific Cities (West – Size Class B/C [population 2,500,000 and under]) adjustments, consistent with action by the Board of Directors in budget adoption;
- Salary surveys conducted on an as needed basis, to be determined by the Executive Director; and/or
- The economic condition of the Authority and/or its members.

Any approved annual salary adjustments are effective on the first pay period of the new fiscal year. There are no automatic pay increases."

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

FY2028 | EQUIPMENT PURCHASE JUSTIFICATION

80-inch Six-Way Dozer Blade Attachment

ESTIMATED COST	DEPARTMENT	EXPENSE CODE	LOCATION
$5,000	**Civil Maintenance**	**5521**	**TFO**

PURCHASE TYPE: **EQUIPMENT**

PURPOSE AND CURRENT NEED

The dozer blade attachment will expand the Bobcat's capability for grading, leveling, and clearing work. It will support routine maintenance of roads, parking areas, drainage ditches, and other grounds.

OPTIONS AND OPERATIONAL CONSIDERATIONS

Having a blade available will reduce the need to rent additional equipment or contract out routine work, with potential cost savings and improved operational efficiency. It will make the existing Bobcat more versatile.

RECOMMENDATION

Purchase the six-way dozer blade attachment to improve productivity and support timely completion of essential maintenance activities.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

FY2028 | EQUIPMENT PURCHASE JUSTIFICATION

80-inch Grapple Bucket Attachment

ESTIMATED COST	DEPARTMENT	EXPENSE CODE	LOCATION
$7,500	**Civil Maintenance**	**5521**	**LBFO**

PURCHASE TYPE: **EQUIPMENT**

PURPOSE AND CURRENT NEED

The industrial grapple bucket attachment will improve the Bobcat's ability to handle, move, and remove brush, logs, debris, and other bulky materials along the Delta-Mendota Canal. It will support routine maintenance, grounds upkeep, and property improvement projects.

OPTIONS AND OPERATIONAL CONSIDERATIONS

The attachment will allow staff to securely collect and transport materials that would otherwise require manual labor or additional equipment. It will reduce physical demands on personnel, improve job-site safety, and shorten material-handling tasks.

RECOMMENDATION

Purchase the grapple bucket to expand the capabilities of existing Bobcat equipment, reduce reliance on rented machinery or contracted services, and support timely completion of maintenance operations.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

FY2028 | EQUIPMENT PURCHASE JUSTIFICATION

Genie GR-20 Motorized Vertical Lift

ESTIMATED COST	DEPARTMENT	EXPENSE CODE	LOCATION
$22,700	**45**	**5521**	**OPP**

PURCHASE TYPE: **EQUIPMENT**

PURPOSE AND CURRENT NEED

Certain maintenance activities at O'Neill Pumping Plant (OPP) require a motorized lift. OPP does not have a dedicated lift so staff transport one from the Tracy Field Office (TFO) using a trailer that is not well suited for hauling that type of equipment. Planned work at OPP will increase the frequency of this need, affecting maintenance staff and preventive maintenance activities at TFO and DCI.

OPTIONS AND OPERATIONAL CONSIDERATIONS

Alternatives include purchasing an Air Tow T-16 trailer for approximately $33,000 to move the existing lift between facilities, or renting a lift as needed. Rentals are subject to availability and delivery constraints at OPP.

RECOMMENDATION

Purchase a dedicated, battery-powered Genie GR-20 lift for OPP as the most cost-effective of the options identified. The source estimate includes a $22,000 amount, a $660 inflation adjustment, and a rounded total of $22,700.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

FY2028 | EQUIPMENT PURCHASE JUSTIFICATION

Two Spare Actuator Rods — O'Neill Pumping Plant

ESTIMATED COST	DEPARTMENT	EXPENSE CODE	LOCATION
$75,000	**45**	**5301**	**—**

Purchase Type: New spare components | Request Date: September 14, 2026

PURPOSE AND CURRENT NEED

Actuator rods are critical to operation of OPP pump units. The Authority has no spare rods. Their age, specialized design, and limited availability create significant procurement lead times. Cracking, wear, or loss of dimensional tolerance could cause an extended unit outage while a replacement is manufactured.

OPTIONS AND OPERATIONAL CONSIDERATIONS

The Authority evaluated original equipment manufacturer (OEM) procurement and manufacture through a qualified machine shop. OEM replacement would likely require substantial engineering or reverse engineering, with higher cost and longer lead time. Manufacturing to existing OEM drawings provides an interim solution while a longer-term design is evaluated.

RECOMMENDATION

Fund engineering, procurement, and manufacture of two spare rods using existing OEM drawings and specifications, with Authority quality-control oversight. Continue evaluating a longer-term replacement strategy with the OEM. Source estimate: $74,000 purchase cost and $75,000 total estimated cost.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

FY2028 | SPECIAL PURCHASES JUSTIFICATION

Vibration Monitor Replacement — Phase 3 of 6

ESTIMATED COST	DEPARTMENT	EXPENSE CODE	LOCATION
$20,000	**45**	**5301**	**OPP**

PURCHASE TYPE: **EQUIPMENT**

PURPOSE AND CURRENT NEED

Existing OPP pump-unit vibration monitors are obsolete, and one has failed without a direct replacement. The monitors assess shaft and bearing condition to help reduce unplanned outages.

OPTIONS AND OPERATIONAL CONSIDERATIONS

No compatible spare sensor or monitor was identified, and the original manufacturer is no longer in business. New monitors and accelerometers are specified to meet current ISO requirements using Bently-Nevada components.

RECOMMENDATION

Purchase parts for the third pump-unit vibration monitor only. Continue annual procurement and installation until vibration monitoring is commissioned for all six units.

Attachment 3

a. **Extraordinary O&M and Capital Improvement Projects Funding Summary FY2028**
b. **Extraordinary O&M and Capital Improvement Projects Ten-Year Plan FY2028-FY2037**
c. **Proposed FY2028 Extraordinary O&M and Capital Improvement Program Detailed Project Information**



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EXTRAORDINARY OM&R, RESERVE AND CAPITAL IMPROVEMENT PROGRAM

Fiscal Year 2028

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY





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ACRONYMS AND ABBREVIATIONS

FY2028 | EO&M / CIP Program

TERM	DEFINITION	TERM	DEFINITION
AIA	Aging Infrastructure Account	**LBFO**	Los Banos Field Office
BFV	Butterfly Valve	**LOA**	Letter of Agreement
C&I	Control and Instrumentation	**O&M**	Operations and Maintenance
CIP	Capital Improvement Program	**OEM**	Original Equipment Manufacturer
CM	Construction Management	**ONP**	O'Neill Pumping Plant (facility code)
CT	Current Transformer	**OPP**	O'Neill Pumping Plant
DC	Direct Current	**PC**	Personal Computer
DCI	Delta-Mendota Canal Intertie	**PLC**	Programmable Logic Controller
DMC	Delta-Mendota Canal	**PM**	Project Management
EO&M	Extraordinary Operations and Maintenance	**PSA**	Professional Services Agreement
FIST	Facilities Instructions, Standards, and Techniques	**SCADA**	Supervisory Control and Data Acquisition
FY	Fiscal Year	**SLDMWA**	San Luis & Delta-Mendota Water Authority
HMI	Human-Machine Interface	**TBD**	To Be Determined
IIJA	Infrastructure Investment and Jobs Act	**TFO**	Tracy Field Office
I/O	Input/Output	**TSC**	Technical Service Center (Reclamation)
IT	Information Technology	**USBR**	U.S. Bureau of Reclamation
JPP	Jones Pumping Plant	**WAPA**	Western Area Power Administration

COMMON TABLE ABBREVIATIONS

EA Each • LS Lump Sum • Qty Quantity • No. Number • ID Identification • N/A Not Applicable

ONP is the facility code used in planning tables; OPP is used in project titles and narratives.



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Extraordinary O&M and Capital Improvement Projects Funding Summary FY2028



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San Luis & Delta-Mendota Water Authority
Extraordinary O&M and Capital Improvement Projects
FY 2028 Projects Funding Summary

Project Type: Extraordinary O&M (Fund 26)

Project Number	Project Title	Project Region	Priority	Labor	Materials	Contracts	Project Totals	Project Contingency	Grand Total
2027-E-313	JPP - Protective Relays Review	27E313	A-3-b	$11,390	-	$200,000	$211,390	$42,278	$253,668
2027-E-314	JPP - Facility Rating Review	27E314	A-3-b	$11,234	-	$60,000	$71,234	$14,247	$85,481
2026-E-075	OPP Main Transformer Rehabilitation - Annual CM & PM Support	G3	B-3-b	$102,382	-	$658,432	$760,814	$152,163	$912,976
2027-M-315	JPP - 108-Inch Butterfly Valve Refurbishment	27M315	B-3-b	$15,507	-	$298,500	$314,007	$62,801	$376,808
2028-S-401	OPP PLC Modernization	28S401	B-3-b	$191,156	-	$450,000	$641,156	$128,231	$769,387
2026-C-076	DMC O&M Road Maintenance Program	E6	B-4-b	$11,402	-	$473,500	$484,902	$96,980	$581,882
2026-C-289	TFO - O&M Complex Rehabilitation	26C289	B-4-b	$10,726	-	$119,000	$129,726	$25,945	$155,671
2027-C-316	TFO - Settling Basin Lining Project	27C316	B-4-c	$32,798	-	$65,500	$98,298	$19,660	$117,957
2026-M-247	OPP Stoplog Rehabilitation (Lakeside)	26M247	B-5-c	$50,196	$36,000	-	$86,196	$17,239	$103,435
2026-M-249	OPP Lakeside & Canalside Trashrack Replacement	26M249	B-5-c	$20,888	-	$766,000	$786,888	$157,378	$944,265
Extraordinary O&M (Fund 26) Project Totals:				**$457,678**	**$36,000**	**$3,090,932**	**$3,584,610**	**$716,922**	**$4,301,532**

Project Type: Extraordinary O&M Reserve (Fund 26)

Project Number	Project Title	Project Region	Priority	Labor	Materials	Contracts	Project Totals	Project Contingency	Grand Total
2026-S-078	Reserve Fund - SCADA Replacement & Modernization Program	D4	B-4-c	$84,763	$141,695	$150,000	$376,458	$75,292	$451,749
2026-V-079	Reserve Fund - Heavy Equipment Replacement Program	D2	B-5-b	$3,360	$301,000	-	$304,360	$60,872	$365,232
2026-V-080	Reserve Fund - Vehicle Replacement Program	D1	B-6-c	$5,564	-	$207,000	$212,564	$42,513	$255,077
2026-C-081	Reserve Fund - Facility Infrastructure Replacement/Rehabilitation Program	D3	B-7-c	$43,708	$11,000	$149,000	$203,708	$40,742	$244,449
2026-E-083	Reserve Fund - Replace Computer/Network Communication Equip Program	D0	C-6-b	$104,779	$260,175	-	$364,954	$72,991	$437,945
2026-C-082	Reserve Fund - EO&M Program Management	L6	C-6-c	$114,955	-	$500,000	$614,955	$122,991	$737,946
Extraordinary O&M Reserve (Fund 26) Project Totals:				**$357,129**	**$713,870**	**$1,006,000**	**$2,076,999**	**$415,400**	**$2,492,399**

		Fund 26 Fiscal Year Totals:		**$814,807**	**$749,870**	**$4,096,932**	**$5,661,609**	**$1,132,322**	**$6,793,931**

Project Type: Capital Improvement - Special Funded (Fund 25)

Project Number	Project Title	Project Region	Priority	Labor	Materials	Contracts	Project Totals	Project Contingency	Grand Total
2026-E-084	JPP - Excitation System & Control Panel Refurbishment Project	F9	B-2-c	$374,837	-	$12,021,000	$12,395,837	-	$12,395,837
2026-E-085	OPP Unit Rotor & Stator Rewind (Design)	F5	B-3-b	$38,114	-	$1,406,000	$1,444,114	-	$1,444,114
2026-E-299	OPP Main Transformer Replacement Project	R0	B-3-b	$44,505	-	$2,735,000	$2,779,505	-	$2,779,505
2026-M-086	OPP Pump Bowl & Woodward Governor Replacement	J2	B-3-b	$170,647	-	$6,548,540	$6,719,187	-	$6,719,187
2028-M-395	OPP Pump Assembly & Penstock Rehabilitation Program	J3	B-3-b	$203,404	-	$5,172,000	$5,375,404	-	$5,375,404
2026-C-087	DMC Subsidence Correction Project - Phase I	I3	B-3-c	$267,825	-	$41,658,500	$41,926,325	-	$41,926,325
Capital Improvement - Special Funded (Fund 25) Project Totals:				**$1,099,332**	**-**	**$69,541,040**	**$70,640,372**	**-**	**$70,640,372**

Fiscal Year Grand Totals(Funds 25 & 26):	**$1,914,140**	**$749,870**	**$73,637,972**	**$76,301,982**	**$1,132,322**	**$77,434,304**

Project Type: Capital Improvement - Self Funded Portion of the Above Costs (Fund 25)

Project Number	Project Title	Project Region	Priority	Labor	Materials	Contracts	Project Totals	Project Contingency	Grand Total
2026-E-084	JPP - Excitation System & Control Panel Refurbishment Project	F9	B-2-c	$374,900	-	$721,000	$1,095,900	$-	$1,095,900
Capital Improvement - Self Funded (Fund 25) Project Totals:				**$374,900**	**-**	**$721,000**	**$1,095,900**	**-**	**$1,095,900**

Extraordinary O&M and Capital Improvement Projects Ten-Year Plan FY2028 - FY2037



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San Luis & Delta-Mendota Water Authority
EO&M, Grant, Reserves & Capital Improvement Projects Ten-Year Plan

Project Number	Project Name	AIA	Facility	Priority	Current Year FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	Ten-Year Plan Total
EXTRAORDINARY O&M PROJECTS									**Estimated Project Cost (x $1,000)**						
2027-E-313	JPP - Protective Relays Review	☐	JPP	A-3-b	253.7	-	-	-	-	309.0	-	-	-	-	$ 562.7
2027-E-314	JPP - Facility Rating Review	☐	JPP	A-3-b	85.5	-	-	-	-	104.0	-	-	-	-	$ 189.5
2026-E-075	OPP - Main Transformer Rehabilitation	✓	ONP	B-3-b	913.0	-	-	-	-	-	-	-	-	-	$ 913.0
2027-M-315	JPP - 108-Inch Butterfly Valve Refurbishment	☐	JPP	B-3-b	376.8	-	-	-	-	-	-	-	-	-	$ 376.8
2028-S-401	OPP PLC Modernization	☐	ONP	B-3-b	769.4	-	-	-	-	-	-	-	-	-	$ 769.4
2026-C-076	DMC O&M Road Maintenance Program	☐	DMC	B-4-b	581.9	-	1,315.0	-	1,122.0	-	1,102.0	-	1,224.0	-	$ 5,344.9
2026-C-289	TFO - O&M Complex Pavement Rehabilitation	☐	TFO	B-4-b	155.7	-	-	-	-	-	-	-	-	-	$ 155.7
2027-C-316	TFO - Settling Basin Lining Project	☐	TFO	B-4-c	118.0	-	-	-	-	-	-	-	-	-	$ 118.0
2026-M-247	OPP Stoplog Rehabilitation (Lakeside)	✓	ONP	B-5-c	103.4	-	-	-	-	-	-	-	-	-	$ 103.4
2026-M-249	OPP Lakeside & Canalside Trashrack Replacement	✓	ONP	B-5-c	944.3	-	-	-	-	-	-	-	-	-	$ 944.3
2027-E-312	Arc Flash Study - DMC Check Structures	☐	DMC	A-1-b	-	213.0	-	-	-	-	259.0	-	-	-	$ 472.0
2027-E-319	DCI - Arc Flash Study	☐	DCI	A-1-b	-	53.0	-	-	-	-	64.0	-	-	-	$ 117.0
2027-E-320	OPP - Protective Relays Review	☐	ONP	A-3-b	-	60.0	-	-	-	-	72.0	-	-	-	$ 132.0
2026-E-251	Unit Protection Equipment & Control Panel Replacement	✓	ONP	B-2-b	-	883.0	910.0	6,153.0	6,338.0	6,527.0	-	-	-	-	$ 20,811.0
2026-C-291	DMC Road Rehabilitation	✓	DMC	B-4-b	-	572.0	2,019.0	-	-	-	-	-	-	-	$ 2,591.0
2026-M-256	100 Ton Gantry Crane Rehabilitation	✓	JPP	B-4-c	-	793.6	-	-	-	-	-	-	-	-	$ 793.6
2026-M-259	HVAC System Rehabilitation/Replacement	✓	ONP	B-4-c	-	186.0	-	-	-	-	-	-	-	-	$ 186.0
2026-C-290	Retaining Wall Rehabilitation	☐	JPP	B-5-b	-	86.8	-	-	-	-	-	-	-	-	$ 86.8
2026-E-254	Plant Security System Improvements	✓	JPP	B-5-c	-	296.0	-	-	-	-	-	-	-	-	$ 296.0
2026-E-257	Flowmetering System Replacement/Improvements	✓	ONP	B-5-c	-	334.8	-	-	-	-	-	-	-	-	$ 334.8
2026-M-258	OPP - Siphon House Roof Rehabilitation	✓	ONP	B-7-c	-	232.2	-	-	-	-	-	-	-	-	$ 232.2
2027-E-322	TFO - Arc Flash Study	☐	TFO	A-1-b	-	-	73.0	-	-	-	-	89.0	-	-	$ 162.0
2026-C-292	Intake Channel Embankment Stabilization	✓	DMC	B-3-b	-	-	1,160.0	-	4,010.0	4,130.0	-	-	-	-	$ 9,300.0
2026-C-293	Radial Gate Rehabilitation Program	✓	DMC	B-3-c	-	-	626.0	850.8	875.6	900.4	925.2	950.0	-	-	$ 5,128.0
2026-M-245	Siphon Breaker Valve Control System Rehabilitation	✓	JPP	B-4-c	-	-	595.2	-	-	-	-	-	-	-	$ 595.2
2026-M-260	Trashrack Cleaner Rehabilitation	✓	JPP	B-4-c	-	-	670.0	-	-	-	-	-	-	-	$ 670.0
2026-M-262	Stub Shaft Crane Rehabilitation	☐	JPP	B-4-c	-	-	409.2	-	-	-	-	-	-	-	$ 409.2
2026-M-264	Check Structure Mechanical Equipment Rehabilitation/Replacement Program	✓	DMC	B-4-c	-	-	2,343.6	-	-	-	-	-	-	-	$ 2,343.6
2027-C-321	DMC - Fiber Optic Installation (Upper & Lower)	☐	DMC	B-4-c	-	-	300.0	15,000.0	-	-	-	-	-	-	$ 15,300.0
2026-C-295	Penstock/Manifold Interior Coating Rehabilitation	✓	DCI	B-5-b	-	-	347.2	-	-	-	-	-	-	-	$ 347.2
2026-M-244	Stoplog Rehabilitation	✓	JPP	B-5-b	-	-	1,200.7	-	-	-	-	-	-	-	$ 1,200.7
2026-E-261	Plant Security System Improvements	✓	DCI	B-5-c	-	-	74.0	-	-	-	-	-	-	-	$ 74.0
2026-M-243	Flowmetering Replacement/Improvements	☐	DCI	B-5-c	-	-	235.6	-	-	-	-	-	-	-	$ 235.6
2026-M-263	Plant Hydraulic System Rehabilitation/Replacement	✓	JPP	B-5-c	-	-	724.4	-	-	-	-	-	-	-	$ 724.4

Project Number	Project Name	AIA	Facility	Priority	Current Year FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	Ten-Year Plan Total
2026-E-269	Plant Protection Relay Replacement	✓	JPP	B-2-b	-	-	-	300.0	-	-	-	-	-	-	$ 300.0
2026-C-266	ONP - Recoat Exterior of All Penstocks	☐	ONP	B-4-c	-	-	-	1,185.0	-	-	-	-	-	-	$ 1,185.0
2027-E-324	OPP - Facility Rating Review	☐	ONP	A-1-b	-	-	-	-	124.0	-	-	-	-	-	$ 124.0
2027-E-309	DCI - Facility Rating Review	☐	DCI	A-3-b	-	-	-	-	124.0	-	-	-	-	-	$ 124.0
2027-E-310	DCI - Protective Relays Review	☐	DCI	A-3-b	-	-	-	-	135.0	-	-	-	-	-	$ 135.0
2026-E-275	Plant Motor Control Center Upgrades	✓	DCI	B-3-c	-	-	-	-	100.8	1,116.0	-	-	-	-	$ 1,216.8
2026-E-288	Pump & Motor Rehabilitation	✓	DCI	B-3-c	-	-	-	-	2,551.6	2,617.4	2,685.6	-	-	-	$ 7,854.6
2026-C-272	Canal Embankment Erosion Protection	✓	DMC	B-4-b	-	-	-	-	451.0	-	-	-	-	-	$ 451.0
2026-M-271	Pump Intake Diffuser Panel Rehabilitation/Replacement	☐	DCI	B-4-c	-	-	-	-	115.3	-	-	-	-	-	$ 115.3
2026-M-273	Industrial Water Storage Tank Rehabilitation	☐	TFO	B-4-c	-	-	-	-	967.2	-	-	-	-	-	$ 967.2
2026-M-274	CA Turnout Slide Gate Rehabilitation/Replacement	✓	DCI	B-4-c	-	-	-	-	228.2	-	-	-	-	-	$ 228.2
2026-E-277	Plant Annunciator Upgrades	✓	ONP	B-5-c	-	-	-	-	180.8	-	-	-	-	-	$ 180.8
2027-E-325	OPP - Arc Flash Study	☐	ONP	A-1-b	-	-	-	-	-	60.0	-	-	-	-	$ 60.0
2027-E-326	LBFO - Arc Flash Study	☐	DMC	A-1-b	-	-	-	-	-	-	85.0	-	-	-	$ 85.0
2026-M-284	Siphon Breaker System Rehabilitation	✓	ONP	B-4-c	-	-	-	-	-	-	-	533.2	-	-	$ 533.2
2026-M-285	Domestic Water System Storage Tank Rehabilitation	☐	TFO	B-4-c	-	-	-	-	-	-	-	260.4	-	-	$ 260.4
2026-E-283	UPS Battery Replacement	✓	ONP	B-5-c	-	-	-	-	-	-	-	86.8	-	-	$ 86.8
2026-C-281	Wasteway Capacity Restoration	☐	DMC	C-5-c	-	-	-	-	-	-	-	372.0	-	-	$ 372.0
2027-E-327	JPP - Plant Annunciator Upgrades	☐	JPP	B-5-c	-	-	-	-	-	-	-	-	105.0	-	$ 105.0
Fund 26 Extraordinary O&M Projects FY Totals (x $1,000):					**$ 4,301.5**	**$ 3,710.4**	**$ 13,002.9**	**$ 23,488.8**	**$ 17,323.5**	**$ 15,763.8**	**$ 5,192.8**	**$ 2,291.4**	**$ 1,329.0**	**$ -**	
FUND 26 (EXTRAORDINARY O&M PROJECTS) Ten-Year Plan Grand Total (x $1,000): $ 86,404.0															

Project Number	Project Name	AIA	Facility	Priority	Current Year FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	Ten-Year Plan Total
Reserve Projects					**Estimated Project Cost (x $1,000)**										
2026-S-078	Reserve Fund - SCADA Replacement & Modernization Program	☐	ALL	B-4-c	451.7	171.5	79.2	119.4	98.9	147.6	117.3	82.9	81.1	157.6	$ 1,507.2
2026-V-079	Reserve Fund - Heavy Equipment Replacement Program	☐	ALL	B-5-b	365.2	412.0	339.5	273.2	320.8	347.8	274.6	442.8	506.7	580.6	$ 3,863.2
2026-V-080	Reserve Fund - Vehicle Replacement Program	☐	ALL	B-6-c	255.1	255.0	271.0	261.0	281.0	279.0	315.0	280.0	249.0	260.0	$ 2,706.1
2026-C-081	Reserve Fund - Facility Infrastructure Replace/Rehab Program	☐	ALL	B-7-c	244.4	78.0	96.0	175.0	58.0	169.0	54.0	61.0	63.0	-	$ 998.4
2026-E-083	Reserve Fund - Replace Computer/Network Communication Equip Program	☐	ALL	C-6-b	437.9	274.0	273.6	246.2	265.4	220.6	188.1	369.5	222.3	208.0	$ 2,705.6
2026-C-082	Reserve Fund - EO&M Program Management	☐	ALL	C-6-c	737.9	550.0	550.0	550.0	550.0	550.0	550.0	-	-	-	$ 4,037.9
Fund 26 Reserve Projects FY Totals (x $1,000):					**$ 2,492.4**	**$ 1,740.5**	**$ 1,609.3**	**$ 1,624.8**	**$ 1,574.1**	**$ 1,714.0**	**$ 1,499.0**	**$ 1,236.2**	**$ 1,122.1**	**$ 1,206.2**	
FUND 26 (Reserve Projects) Ten-Year Plan Grand Total (x$1,000): $ 15,818.6															

Project Number	Project Name	AIA	Facility	Priority	Current Year FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	Ten-Year Plan Total
SPECIAL FUNDED PROJECTS					**Estimated Project Cost (x $1,000)**										
2026-E-084	Excitation System & Control Panel Refurbishment Project	✓	JPP	B-2-c	12,395.8	7,500.0	-	-	-	-	-	-	-	-	**$ 19,895.8**
2026-E-085	OPP Unit Rotor & Stator Rewind (All Units)	✓	ONP	B-3-b	1,444.1	6,117.0	12,617.0	7,117.0	8,617.0	8,850.0	5,850.0	-	-	-	**$ 50,612.1**
2026-E-299	OPP Main Transformer Replacement Project	✓	ONP	B-3-b	2,779.5	750.0	15,814.4	16,284.8	16,777.6	-	5,914.8	-	-	-	**$ 58,321.1**
2026-M-086	Pump Bowl & Woodward Governor Replacement Program	☐	ONP	B-3-b	6,719.2	2,949.0	5,498.0	2,807.0	259.0	-	-	-	-	-	**$ 18,232.2**
2028-M-395	OPP Pump Assembly & Penstock Rehabilitation Program	✓	ONP	B-3-b	5,375.4	4,245.0	3,309.0	2,874.0	2,442.0	-	-	-	-	-	**$ 18,245.4**
2026-C-087	DMC Subsidence Correction Project - Phase I	✓	DMC	B-3-c	41,926.3	48,300.0	48,300.0	48,300.0	48,300.0	-	-	-	-	-	**$ 235,126.3**
2026-E-297	Station Service SWBD & Breaker Replacement	✓	JPP	B-2-b	-	6,428.8	6,944.0	-	-	-	-	-	-	-	**$ 13,372.8**
2026-C-303	Intake Channel Dredging	☐	JPP	B-4-c	-	-	-	-	731.6	-	4,042.4	-	-	-	**$ 4,774.0**
2028-C-404	DMC Subsidence Correction Project - Phase II	✓	DMC	B-3-c	-	-	-	-	-	78,320.0	78,320.0	78,320.0	78,320.0	78,320.0	**$ 391,600.0**
2026-M-304	Design & Install Forebay Trashrack Cleaner & Stoplog Hoist	✓	ONP	B-5-d	-	-	-	-	-	1,218.1	3,137.9	-	-	-	**$ 4,356.0**
Fund 25 Extraordinary O&M Projects FY Totals (x $1,000):					**$ 70,640.4**	**$ 76,289.8**	**$ 92,482.4**	**$ 77,382.8**	**$ 77,127.2**	**$ 88,388.1**	**$ 97,265.1**	**$ 78,320.0**	**$ 78,320.0**	**$ 78,320.0**	
														FUND 25 (Special Funded Projects) Ten-Year Plan Grand Total (x$1,000):	**$ 814,535.8**
Fiscal Year Grand Totals: (EO&M, Grant, Reserves & Capital Improvement Projects) (Funds 25, 26)					**$ 77,434.3**	**$ 86,979.1**	**$110,988.6**	**$108,494.9**	**$ 99,769.5**	**$109,672.9**	**$107,499.9**	**$ 82,189.6**	**$ 80,969.5**	**$ 79,526.2**	
														Ten-Year Plan Grand Total	**$ 943,524.4**



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PROPOSED FY2028
Extraordinary O&M and Capital Improvement Program
Detailed Project Information



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JPP - Protective Relays Review

Project Number	2027-E-313
Segment Code	26 - 27E313
Priority	A - 3 - b
Facility	JPP
Project Discipline	E - Electrical
Contingency	20%

Estimated Total Cost
$253,668

Labor	Materials	Contracts	Contingency
$11,390	$0	$200,000	$42,278

Project Purpose and Background:

This recurring review is required by Bureau of Reclamation Facilities Instructions, Standards, and Techniques (FIST) guidance and is conducted every five years to verify the effectiveness and coordination of protective relay systems that safeguard critical electrical infrastructure at JPP.

Project Description and Scope:

The project will evaluate protective relay coordination, instrument transformer loading, and protection system settings to assess alignment with applicable standards and industry practices. The review will support reliable operation of critical equipment and provide recommendations for future improvements where necessary.

Project Status:

Proposed

JPP - Facility Rating Review

Project Number	2027-E-314
Segment Code	26 - 27E314
Priority	A - 3 - b
Facility	JPP
Project Discipline	E - Electrical
Contingency	20%

Estimated Total Cost
$85,481

Labor	Materials	Contracts	Contingency
$11,234	**$0**	**$60,000**	**$14,247**

Project Purpose and Background:

This recurring review is required by Bureau of Reclamation Facilities Instructions, Standards, and Techniques (FIST) guidance and is conducted every five years to evaluate the performance, capability, and reliability of critical electrical infrastructure at JPP.

Project Description and Scope:

The review will assess available fault current, equipment interrupting capabilities, grounding systems, and continuous current ratings for major electrical equipment. The resulting report will identify potential deficiencies, establish equipment limitations, and provide recommendations to support the safe and reliable operation of the facility consistent with Reclamation guidelines.

Project Status:

Proposed

OPP Main Transformer Rehabilitation - Annual CM & PM Support

Project Number	2026-E-075
Segment Code	26 - G3
Priority	B - 3 - b
Facility	ONP
Project Discipline	E - Electrical
Contingency	20%

Estimated Total Cost
$912,976

Labor	Materials	Contracts	Contingency
$102,382	$0	$658,432	$152,163

Project Purpose and Background:

OPP is a critical component of the Central Valley Project and the San Luis Unit, supporting the storage and delivery of both project and non-project water supplies. The plant's original main power transformers have been in service since 1968. A 2019 condition assessment determined that the transformers had reached the end of their useful service life and recommended rehabilitation to maintain long-term reliability and continued operation of the facility.In May 2023, the Water Authority entered into a construction contract for rehabilitation of the transformers, with the Bureau of Reclamation serving as the Engineer of Record. To minimize impacts to pumping operations and water deliveries, the rehabilitation program is being implemented in phases, with one transformer rehabilitated and returned to service each year.

Project Description and Scope:

During the last half of FY27, work will focus on completion and commissioning of the first rehabilitated transformer during a planned September/October plant outage. Following successful commissioning, the next transformer will be removed from service and prepared for rehabilitation in accordance with the project's phased implementation plan.Rehabilitation activities include replacement or refurbishment of critical transformer components, including bushings, valves, liquid level gauges, thermowells, temperature monitoring equipment, cooling system components, protective relays, oil preservation systems, and associated electrical controls. The project also includes retrofilling with synthetic ester insulating fluid, recoating exterior surfaces, and proper disposal of hazardous materials.Although funding for the construction contract has already been approved and collected, annual supplemental funding is required to support ongoing project management, construction management, engineering oversight, commissioning activities, and coordination efforts provided by the Water Authority, Bureau of Reclamation, Western Area Power Administration (WAPA), and specialized engineering consultants. These services are essential to ensure successful project execution, commissioning, and coordination of the planned rehabilitation schedule.

Project Status:

On-going

JPP - 108-Inch Butterfly Valve Refurbishment

Project Number	2027-M-315
Segment Code	26 - 27M315
Priority	B - 3 - b
Facility	JPP
Project Discipline	M - Mechanical
Contingency	20%

Estimated Total Cost
$376,808

Labor	Materials	Contracts	Contingency
$15,507	$0	$298,500	$62,801

Project Purpose and Background:

Concerns have been identified regarding the ability of the existing valves to provide an adequate seal. The project will refurbish a spare valve that has been in storage for approximately 20 years, allowing it to be placed into service while the existing valves are refurbished. Although the original 10-Year Plan included purchasing new valves, refurbishment has been identified as the preferred approach.

Project Description and Scope:

The project includes refurbishing the spare JPP 108-inch Butterfly Valve (BFV) at a contractor's facility. Work will include complete disassembly, inspection and repair or replacement of components as needed, machining of valve seats to ensure proper sealing, recoating, and testing. Upon completion, the refurbished valve will be returned for long-term storage and remain available for future installation as needed.

Project Status:

Proposed

OPP PLC Modernization

Project Number	2028-S-401
Segment Code	26 - 28S401
Priority	B - 3 - b
Facility	ONP
Project Discipline	S - Scada
Contingency	20%

Estimated Total Cost
$769,387

Labor	Materials	Contracts	Contingency
$191,156	$0	$450,000	$128,231

Project Purpose and Background:

The existing Program Logic Controllers (PLCs) at the O'Neill Pumping Plant (OPP) have been in service for approximately 20 years and have limited manufacturer and third-party integrator support. Replacement parts and components are becoming increasingly difficult to obtain, creating long-term maintenance and reliability concerns. In addition, the existing PLC platform was not designed to meet current cybersecurity requirements or support implementation of Zero Trust security principles.
Modernization of the PLC system will improve long-term reliability, supportability, and cybersecurity of critical plant control systems. The proposed PLC platform is intended to be compatible with the Ignition SCADA system currently being implemented and will support integration with the governor control upgrades planned as part of the OPP Upgrades Program.

Project Description and Scope:

The project will replace the primary PLC system at OPP, including associated distributed input/output (I/O) hardware and control system programming. Existing control logic will be converted and updated by a qualified systems integrator for implementation on the new PLC platform.
Before installation, programming and system modifications will be developed and tested in a dedicated simulation environment to verify functionality and minimize operational risk. Implementation will be phased, with individual pumping units upgraded during planned outages to limit impacts on facility operations while maintaining system reliability throughout the transition.

Project Status:

Proposed

DMC O&M Road Maintenance Program

Project Number	2026-C-076
Segment Code	26 - E6
Priority	B - 4 - b
Facility	DMC
Project Discipline	C - Civil
Contingency	20%

Estimated Total Cost
$581,882

Labor	Materials	Contracts	Contingency
$11,402	$0	$473,500	$96,980

Project Purpose and Background:

The entire length of the O&M road of the Delta-Mendota Canal (DMC) is traveled daily by operations and maintenance personnel and, in some areas the general public. To extend the life of the O&M road and reduce overall maintenance and/or repair costs, the O&M Technical Committee approved the O&M Road Maintenance Program in 1998. The objective of the O&M Road Maintenance Program is to apply a new wearing surface (or chip seal) on the entire length of the DMC roadway every 10 years with the work occurring every other year. The actual lengths and locations will be determined annually based on roadway use and condition.

Project Description and Scope:

This phase of the project includes applying a chip seal coat to approximately 24.27 miles of the 12 foot-wide wide O&M Road under a construction contract. Work will extend from milepost 43.75 to 64.32 (Butts Rd), and from milepost 3.50 to 7.20.

Project Status:

On-going

TFO - O&M Complex Rehabilitation

Project Number	2026-C-289
Segment Code	26 - 26C289
Priority	B - 4 - b
Facility	TFO
Project Discipline	C - Civil
Contingency	20%

Estimated Total Cost
$155,671

Labor	Materials	Contracts	Contingency
$10,726	$0	$119,000	$25,945

Project Purpose and Background:

The project will maintain safe and reliable access at the Tracy Field Office (TFO) for staff and maintenance crews by rehabilitating deteriorated pavement leading to the Jones Pumping Plant.

Project Description and Scope:

This project will involve procuring and managing a construction contract with a qualified paving contractor to repair and rehabilitate specific sections of the access roads leading to JPP. The work includes grinding and removing deteriorated asphalt and replacing it with a new layer of hot mix asphalt at multiple locations.

Project Status:

Proposed

TFO - Settling Basin Lining Project

Project Number	2027-C-316
Segment Code	26 - 27C316
Priority	B - 4 - c
Facility	TFO
Project Discipline	C - Civil
Contingency	20%

Estimated Total Cost
$117,957

Labor	Materials	Contracts	Contingency
$32,798	$0	$65,500	$19,660

Project Purpose and Background:

Saturation has been observed adjacent to the TFO Water Treatment Plant settling basin inlet structure, indicating seepage through the existing basin floor. This seepage has the potential to undermine the surrounding soils and compromise the structural stability of the Water Treatment Plant facility. Small repairs have been attempted, but to fully address these concerns a new liner needs to be installed.

Project Description and Scope:

The project will rehabilitate the existing Water Treatment Plant settling basin by installing approximately 28,915 square feet of HDPE geomembrane liner on the basin floor. The work includes preparing the existing subgrade, furnishing and installing the HDPE liner, completing all field seaming and anchorage, performing seam testing, and providing all labor, materials, equipment, and incidentals necessary for a complete installation. Staff will perform preparatory site work prior to contractor mobilizing to the site.

Project Status:

Proposed

OPP Stoplog Rehabilitation (Lakeside)

Project Number	2026-M-247
Segment Code	26 - 26M247
Priority	B - 5 - c
Facility	ONP
Project Discipline	M - Mechanical
Contingency	20%

Estimated Total Cost
$103,435

Labor	Materials	Contracts	Contingency
$50,196	$36,000	$0	$17,239

Project Purpose and Background:

The OPP utilizes a single set of lakeside stoplogs to isolate individual penstocks for inspection, maintenance, and rehabilitation activities. These stoplogs are critical maintenance assets, as penstock isolation is required to safely perform inspections and complete future rehabilitation work.
The existing stoplogs are in deteriorated condition and experience excessive leakage when installed. Rehabilitation is necessary to maintain their effectiveness, support future maintenance activities, and ensure continued availability of a critical asset used during planned outages and inspection work.

Project Description and Scope:

The project will rehabilitate the existing lakeside stoplogs through surface preparation, structural repairs, and application of a new industrial protective coating system. Rehabilitation work will include sandblasting, repair of deteriorated welds and critical structural connections, and recoating to extend service life and improve performance.
Work will be performed by Water Authority staff at the TFO. Completion of the rehabilitation will improve the reliability of the stoplogs and support future penstock inspection, maintenance, and rehabilitation activities at OPP.

Project Status:

Proposed

OPP Lakeside & Canalside Trashrack Replacement

Project Number	2026-M-249
Segment Code	26 - 26M249
Priority	B - 5 - c
Facility	ONP
Project Discipline	M - Mechanical
Contingency	20%

Estimated Total Cost
$944,265

Labor	Materials	Contracts	Contingency
$20,888	$0	$766,000	$157,378

Project Purpose and Background:

The lakeside and canal side trashracks at OPP are facility components that have been in service since plant commissioning and are approaching the end of their useful service life. Inspections have identified deterioration of structural components and hardware, and the Bureau of Reclamation has recommended corrective action to address these deficiencies.
Due to the location and condition of the existing trashracks, as well as the specialized underwater work required to perform repairs, complete replacement is considered the most practical and cost-effective long-term solution.

Project Description and Scope:

This project will support the replacement of the lakeside and canal side trashracks at OPP. The scope of work includes preparation of engineering drawings and technical specifications, project advertisement and procurement activities, and execution of a fabrication contract for the manufacture of replacement trashracks. The replacement design will incorporate modern materials and coating systems intended to improve durability, reduce maintenance requirements, and enhance resistance to invasive mussel fouling.

Project Status:

Proposed

Reserve Fund - SCADA Replacement & Modernization Program

Project Number	2026-S-078
Segment Code	26 - D4
Priority	B - 4 - c
Facility	ALL
Project Discipline	S - Scada
Contingency	20%

Estimated Total Cost
$451,749

Labor	Materials	Contracts	Contingency
$84,763	**$141,695**	**$150,000**	**$75,292**

Project Purpose and Background:

Pursuant to the updated 2024 Memorandum of Understanding (MOU) between Friant Water Authority and the Water Authority related to Supervisory Control and Data Acquisition (SCADA); improvements, modifications, replacements, repairs, additions, or modernizations of SCADA system and associated hardware and software identified on the Ten-Year Plan with a total replacement cost (including labor) greater than $20,000 are to be included in the Ten-Year Plan.
The Ten-Year Plan for SCADA is a proactive plan to upgrade and replace hardware in a manner that ensures the SCADA system remains current and reliable and includes redundancies. PLC's, workstations, modems, servers, and switches are components of this 10-Year Plan. In addition, due to new security requirements established by the Department of Interior (DOI), North American Electric Reliability Corporation (NERC), Center for Internet Security (CIS), and the State of California, certain upgrades to the system securities will need to be implemented.

Project Description and Scope:

The SCADA equipment scheduled to be replaced this fiscal year is summarized in the attached Ten-Year Plan. The budget includes labor associated with the installation of the new equipment. Recurring annual subscription and maintenance costs are incorporated into the Routine O&M (RO&M) budget under region 51.

Project Status:

On-going



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San Luis Delta-Mendota Water Authority
SCADA 10 Year Budget
FY28 to FY37

Device	Service Life	Qty Installed	Cost Each	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY2037	10 Yr Totals
PLC's Note 1 & Note 4		**110**		**$52,000**	**$55,000**	**$58,000**	**$30,000**	**$30,000**	**$61,000**	**$31,000**	**$32,000**	**$34,000**	**$35,000**	**$418,000**
HMI's		**12**		**$5,000**	**$5,200**	**$5,408**	**$5,624**	**$5,849**	**$6,083**	**$6,327**	**$6,580**	**$6,843**	**$7,117**	**$60,031**
Switches and Routers		**40**		**$3,500**	**$0**	**$0**	**$15,000**	**$14,000**	**$0**	**$0**	**$0**	**$16,000**	**$15,000**	**$63,500**
Displays		**16**		**$700**	**$0**	**$5,000**	**$3,000**	**$0**	**$0**	**$0**	**$7,000**	**$0**	**$0**	**$15,700**
Operator Stations		**4**		**$0**	**$0**	**$0**	**$0**	**$0**	**$8,000**	**$0**	**$0**	**$0**	**$0**	**$8,000**
Operator A side		1							$2,000					**$2,000**
Operator B side		1							$2,000					**$2,000**
Operator C		1							$2,000					**$2,000**
OPP		1							$2,000					**$2,000**
														$0
Servers Note 2		**14**		**$16,000**	**$0**	**$0**	**$7,000**	**$0**	**$47,000**	**$18,000**	**$8,000**	**$0**	**$8,000**	**$104,000**
Laptops Note 3		**4**		**$8,000**	**$0**	**$0**	**$0**	**$0**	**$9,400**	**$0**	**$0**	**$0**	**$9,500**	**$26,900**
Printers		**2**		**$1,000**	**$0**	**$0**	**$0**	**$0**	**$1,200**	**$1,200**	**$0**	**$0**	**$1,200**	**$4,600**
Andon Boards		**8**		**$1,200**	**$0**	**$2,500**	**$0**	**$6,000**	**$6,600**	**$0**	**$0**	**$3,000**	**$6,000**	**$25,300**
Thin Clients		**5**		**$5,000**	**$0**	**$0**	**$0**	**$4,800**	**$0**	**$0**	**$0**	**$0**	**$6,000**	**$15,800**
OpA				$1,000				$1,200						**$2,200**
OpB				$1,000				$1,200						**$2,200**
OPP				$1,000				$1,200						**$2,200**
Watermaster				$1,000										**$1,000**
Sandbox		3		$1,000				$1,200						**$2,200**
Cyber Security				**$16,000**	**$96,000**	**$0**	**$24,500**	**$12,000**	**$0**	**$25,500**	**$13,000**	**$13,000**	**$25,000**	**$225,000**
Firewall		**1**		**$0**	**$7,000**	**$0**	**$0**	**$10,500**	**$0**	**$0**	**$8,000**	**$0**	**$1,000**	**$26,500**
Intrusion Detection Response		**1**		**$33,295**	**$8,295**	**$8,295**	**$34,295**	**$8,295**	**$8,295**	**$35,295**	**$8,295**	**$8,295**	**$36,295**	**$188,950**
Darktrace Annual Support				$8,295	$8,295	$8,295	$8,295	$8,295	$8,295	$8,295	$8,295	$8,295	$8,295	**$82,950**
Darktrace Appliance				**$25,000**			**$26,000**			**$27,000**			**$28,000**	**$106,000**
Satellite-Synchronized Network Clock	**8**	**2**		**$0**	**$0**	**$0**	**$0**	**$7,500**	**$0**	**$0**	**$0**	**$0**	**$7,500**	**$15,000**
Note 5			***Totals:***	**$141,695**	**$171,495**	**$79,203**	**$119,419**	**$98,944**	**$147,578**	**$117,322**	**$82,875**	**$81,138**	**$157,612**	**$1,197,281**

Note1: Qty should descrease with introduction of more powerful/current PLC's and distrubuted I/C
Note 2: Qty will decrease as servers are moved into Virtual environments
Note 3: Designated to the SCADA network only. To maintain security.
Note 4: replace with Hot Backup PLC with Distributed I/O in Cabinets
Note 5: Yearly totals do not include associated labor. Labor costs are included in the proposed fiscal year budget

Reserve Fund - Heavy Equipment Replacement Program

Project Number	2026-V-079
Segment Code	26 - D2
Priority	B - 5 - b
Facility	ALL
Project Discipline	V - Vehicles
Contingency	20%

Estimated Total Cost
$365,232

Labor	Materials	Contracts	Contingency
$3,360	$301,000	$0	$60,872

Project Purpose and Background:

Pursuant to the updated 2024 Memorandum of Understanding (MOU) between Friant Water Authority and the Water Authority related to Heavy Equipment and Shop Support Stationary Equipment; replacement of mobile/stationary equipment and heavy equipment identified on the Ten-Year Plan with a total replacement cost greater than $30,000 should be included. The San Luis & Delta-Mendota Water Authority Equipment Replacement Plan objective is to provide safe and efficient equipment in a manner which maximizes the equipment utilization for the Water Authority and proactively plans for replacements.
The Water Authority equipment will be replaced or considered for replacement when the equipment is no longer economical to operate and/or maintain. The purpose of this Reserve Project is to set-aside funding annually for replacement of the Water Authority heavy equipment that meet the criteria of the MOU.

Project Description and Scope:

The equipment scheduled to be replaced this fiscal year is summarized in the attached Ten-Year Plan. A Lowboy Trailer, two air compressors, and a CT Doble Tester have been included in the budget along with the labor associated with the purchasing.

Project Status:

On-going

San Luis Delta Mendota Water Authority
Heavy Truck/Equipment Replacement

Equip #	Equipment	Category	RESP OFC	YEAR	ARB Regulated	ZEV	Authority Service Life	Forecasted Replacement Year	EQUIPMENT REPLACEMENT COST(FY20$)	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
8050	Lowboy Trailer	1	LBFO	2007			20	2028	$150,000	$ 200,000									
8089	Air Compressor		LBFO	2013			15	2028	$32,000	$ 32,000									
8088	Air Compressor		TFO	2013			15	2028	$32,000	$ 32,000									
New	CT Doble Tester	1	TFO	2028			20	2048	$37,000	$ 37,000									
8068	Boom Truck (26 Ton Capacity)	1	TFO	2009	√	√	20	2029	$400,000		$ 400,000								
2607	Dump Truck-OPP Trash Racks	1	OPP	1981		√	40	2030	$160,000			$ 160,000							
8135	Spray Truck (1.25 Ton)	1	LBFO	2018	√	√	10	2030	$160,000			$ 160,000							
8082	Dump Truck	1	TFO	2011	√	√	20	2031	$250,000				$250,000						
8090	Compact Tracked Loader	1	TFO	2013	√		20	2032	$85,000					$ 85,000					
8099	Water Truck	1	TFO	2013	√	√	20	2032	$200,000					$ 200,000					
8094	Boom Truck	1	LBFO	2012	√	√	20	2033	$300,000						$ 300,000				
8100	Dump Truck	1	LBFO	2013	√	√	20	2034	$230,000							$ 230,000			
8083	Truck/Tractor	1	ALL	2012	√	√	20	2035	$160,000								$ 160,000		
8112	Backhoe	1	LBFO	2016	√		20	2035	$200,000								$ 200,000		
8113	Backhoe	1	TFO	2016	√		20	2036	$200,000									$200,000	
8126	Water Truck	1	LBFO	2017	√	√	20	2036	$200,000									$200,000	
8134	1.5 Ton Service Truck with 2 Ton Hoist	1	JPP	2018		√	15	2037	$95,000										$ 95,000
8125	Excavator	1	TFO	2017	√		20	2037	$350,000										$ 350,000
8065	Forklift (2.5 Ton Capacity) (LPG)	1	TFO	2009	√		30	2039	$35,000										
8136	Case Magnum 180 Tractor	1	LBFO	2018	√		20	2039	$180,000										
8138	Lowboy Trailer	1	TFO	2018			20	2039	$135,000										
8151	Long Reach Excavator	1	LBFO	2019	√		20	2039	$375,000										
8145	Grader (John Deere)	1	LBFO	2019	√		25	2039	$370,000										
8148	Bobcat	1	LBFO	2019	√		20	2040	$85,000										
8155	Genie Man Lift (Electric)	1	TFO	2020			20	2040	$60,000										
8160	Forklift (4K lb Capacity) JPP (LPG)	1	TFO	2020	√		20	2040	$45,000										
8150	Grader (John Deere)	1	TFO	2019	√		20	2040	$370,000										
8162	Case Magnum 180 Tractor	1	TFO	2020	√		20	2040	$180,000										
8157	Mower	1	LBFO	2020			20	2040	$30,000										
8072	12' Heavy Duty Disc	1	TFO	2011			30	2041	$32,000										
8079	Forklift (4000 Lb Capacity) LBFO SHOP (LPG)	1	LBFO	2011	√		30	2041	$36,000										
8170	Truck/Tractor	1	LBFO	2022	√	√	20	2042	$160,000										
8173	Front End Loader		LBFO	2023	√		20	2043	$225,000										
8095	Forklift (4K lb Capacity) WH (Electric)	1	TFO	2013	√		30	2043	$39,000										
8096	Forklift (7.5 Ton Capacity) TFO YARD (LPG)	1	TFO	2013	√		30	2043	$101,000										
8097	Forklift (10K lb Capacity) LBFO YARD (LPG)	1	LBFO	2013	√		30	2043	$80,000										
8152	200 kW Emergency Generator - Trailer Mounted	1	LBFO	2019	√		40	2044	$150,000										
8187	Flatbed Tilt Trailer	1	LBFO	2023			20	2044	$70,000										
8109	12' Heavy Duty Disc	1	LBFO	2016			30	2046	$32,000										
8202	Flatbed Tilt Trailer	1	TFO	2027			20	2047	$75,000										
8132	Forklift (4K lb Capacity) JPP (Electric)	1	TFO	2018	√		30	2048	$39,000										
8133	Forklift (4K lb Capacity) SB&Pnt (LPG)	1	TFO	2018	√		30	2048	$35,000										
8172	Bottom Belly Dump Trailer	1	LBFO	2023			25	2048	$70,000										
2642	Dozer (w/rippers)	1	LBFO	1976	√		40	2049	$300,000										
8201	Forklift (5K lb Capacity) ONP SHOP (DSL)	1	ONP	2025	√		30	2055	$52,000										
									Total	**$ 301,000**	**$ 400,000**	**$ 320,000**	**$ 250,000**	**$ 285,000**	**$ 300,000**	**$ 230,000**	**$ 360,000**	**$ 400,000**	**$ 445,000**
√ - Emissions regulated by California Air Resources Board									*# of Equipment Replaced*	4	1	2	1	2	1	1	2	2	2
	Currently CARB Compliant								*3% Inflation Factor per Year*	$ -	$ 12,000	$ 19,488	$ 23,182	$ 35,770	$ 47,782	$ 44,632	$ 82,755	$ 106,708	$ 135,624
									*Yearly Total**	**$ 301,000**	**$ 412,000**	**$ 339,500**	**$ 273,200**	**$ 320,800**	**$ 347,800**	**$ 274,600**	**$ 442,800**	**$ 506,700**	**$ 580,600**

**Note: Yearly totals do not include cost of labor. Labor costs are included in the proposed fiscal year budget.*

Grand Total $ 3,799,000

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
EQUIPMENT REPLACEMENT JUSTIFICATION FORM
FY2028

LOW BED TRAILER ***ESTIMATE COST: $200,000***

EXISTING EQUIPMENT INFORMATION

VEHICLE NO: 8050 **YEAR:** 2007 **AGE (YRS.):** 19

MAKE: Murray **MODEL:** Low Bed Trailer

DEPARTMENT: Civil Maintenance **MAINTENANCE YARD:** LBFO

CURRENT MILES: N/A **PROJECTED HOURS WHEN REPLACED:** N/A

MECHANICS RATING OF VEHICLE: *POOR:* *FAIR:* ***X*** *GOOD:*

DESCRIPTION AND JUSTIFICATION

DESCRIPTION OF EQUIPMENT USE WITHIN THE AUTHORITY:

Low bed trailer is used for hauling equipment and material that is used for road and bank repair along the Delta-Mendota Canal (DMC).

This equipment supports the following activities:

- Erosion repair
- Road repair
- Moving materials
- Emergency uses to support flooding damage or other natural/man-made problems

REASON (S) FOR NEW EQUIPMENT:

This low bed trailer is primarily used for moving equipment such as excavators, graders and loaders to job locations along the DMC. It will be approximately 20 years old at time of replacement, which meets the replacement criteria. A highly reliable trailer is necessary for the continued readiness of the civil maintenance department to respond to both routine and emergency situations.

Date Prepared: 8/25/2025

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
EQUIPMENT REPLACEMENT JUSTIFICATION FORM
FY2028

PORTABLE COMPRESSOR ***ESTIMATE COST: $32,000***

EXISTING EQUIPMENT INFORMATION

VEHICLE NO: 8088 **YEAR:** 2013 **AGE (YRS.):** 13

MAKE: Sullair **MODEL:** 260 Compressor

DEPARTMENT: Civil Maintenance **MAINTENANCE YARD:** CMT

CURRENT MILES: N/A **PROJECTED HOURS WHEN REPLACED:** 2,950

MECHANICS RATING OF VEHICLE: *POOR:* ***x*** *FAIR:* *GOOD:*

DESCRIPTION AND JUSTIFICATION

DESCRIPTION OF EQUIPMENT USE WITHIN THE AUTHORITY:

The portable compressor is used for multiple tasks along the Delta-Mendota Canal (DMC) and associated facilities.

This equipment supports the following activities:

- Cleaning & Replacing Turn out gates.
- Road repair
- Concrete removal
- Farm Bridge repair

REASON (S) FOR NEW EQUIPMENT:

This portable compressor is used multiple times a week to clean out all the turnout gates along the DMC, and to support O&M road repairs, turnout gate replacements, farm bridge replacements, and concrete removal. Replacement is recommended due to high hours on the unit and increasing repair costs.

Date Prepared: 8/25/2025

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
EQUIPMENT REPLACEMENT JUSTIFICATION FORM
FY2028

PORTABLE COMPRESSOR ***ESTIMATE COST:*** ***$32,000***

EXISTING EQUIPMENT INFORMATION

VEHICLE NO: 8089 **YEAR:** 2013 **AGE (YRS.):** 13

MAKE: Sullair **MODEL:** 260 Compressor

DEPARTMENT: Civil Maintenance **MAINTENANCE YARD:** LBFO

CURRENT MILES: N/A **PROJECTED HOURS WHEN REPLACED:** 3,200

MECHANICS RATING OF VEHICLE: *POOR:* ***x*** *FAIR:* *GOOD:*

DESCRIPTION AND JUSTIFICATION

DESCRIPTION OF EQUIPMENT USE WITHIN THE AUTHORITY:

The portable compressor is used for multiple tasks along the Delta-Mendota Canal (DMC) and associated facilities.

This equipment supports the following activities:

- Cleaning & Replacing Turn out gates.
- Road repair
- Concrete removal
- Farm Bridge repair

REASON (S) FOR NEW EQUIPMENT:

This portable compressor is used multiple times a week to clean out all the turnout gates along the DMC, and to support O&M road repairs, turnout gate replacements, farm bridge replacements, and concrete removal. Replacement is recommended due to high hours on the unit and increasing repair costs.

Date Prepared: 8/25/2025

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
EQUIPMENT PURCHASE JUSTIFICATION FORM
FY2028

CURRENT TRANSFORMER TEST SET ***ESTIMATE COST: $36,200***

EXISTING EQUIPMENT INFORMATION

Equip. ID: TBD

MAKE: Doble **MODEL:** EZCT-2000C

DEPARTMENT: 43 **Location:** TFO

DESCRIPTION AND JUSTIFICATION

DESCRIPTION OF EQUIPMENT USE WITHIN THE AUTHORITY:

Current Transformer (CT) test equipment will allow Water Authority Control & Instrumentation (C&I) technicians to perform required CT testing in accordance with U.S. Bureau of Reclamation (USBR) Facilities Instructions, Standards, and Techniques (FIST) requirements. CT testing is necessary to verify the accuracy and reliability of electrical protection, monitoring, and metering systems.

The Authority currently maintains approximately 30 CTs at the Delta-Mendota Canal Intertie (DCI), 33 CTs at O'Neill Pumping Plant (OPP), and 90 CTs at Jones Pumping Plant (JPP). CT testing is performed periodically in accordance with USBR requirements and asset management practices, with testing intervals generally extending up to approximately 10 years. The equipment will support required testing activities across these facilities.

Personnel training is available and will be provided for qualified staff. The equipment requires periodic calibration in accordance with manufacturer recommendations and applicable regulatory requirements. Based on industry and USBR experience, the equipment is expected to provide approximately 15 years of service before replacement is anticipated.

REASON (S) FOR PURCHASE:

The Water Authority (Authority) currently relies on specialized contractors to perform CT testing. Acquiring this equipment will allow trained Authority personnel to conduct required testing in-house, improving scheduling flexibility, supporting compliance with USBR testing requirements, and reducing dependence on contractor availability. Ownership of the equipment will enhance the Authority's ability to plan and execute required testing activities in a timely manner while supporting the continued reliability of critical electrical protection, control, and metering systems.

Reserve Fund - Vehicle Replacement Program

Project Number	2026-V-080
Segment Code	26 - D1
Priority	B - 6 - c
Facility	ALL
Project Discipline	V - Vehicles
Contingency	20%

Estimated Total Cost
$255,077

Labor	Materials	Contracts	Contingency
$5,564	$0	$207,000	$42,513

Project Purpose and Background:

Pursuant to the updated 2024 Memorandum of Understanding (MOU) between Friant Water Authority and the Water Authority related to Vehicles; replacement of light passenger/utility vehicles identified on the Ten-Year Plan that have a total replacement cost (including labor) greater than $25,000 should be included.
The Water Authority vehicles will be replaced or considered for replacement when the criteria for the Water Authority Vehicle Replacement Program have been met. The purpose of this Reserve Project is to set aside funding annually for replacement of the Water Authority vehicles that meet the criteria of the MOU.

Project Description and Scope:

The vehicles scheduled to be replaced this fiscal year are summarized in the attached Ten-Year Plan. Three ½ ton pickups and a mid-sized SUV have been included in the budget along with the labor associated with the purchasing.

Project Status:

On-going



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San Luis & Delta-Mendota Water Authority
Vehicle Replacement 10 Year Plan
FY2028 Frontline Vehicles

Veh No.	FRONT LINE VEHICLE DESCRIPTION	Model Year	Assigned To:	Proposed FY for Replacement	Estimated Replacement Cost (FY2024$)	Future ZEV	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
8158	1/2 Ton Pickup. 4x4	2020	LBFO Civil Maint. Super	2028	$54,000		$54,000									
8174	1/2 Ton Ext Cab 4X4[2]	2023	LBFO Canal Operations	2028	$54,000		$54,000					$54,000				
8178	1/2 Ton Pickup[2]	2023	LBFO Canal Operations	2028	$54,000		$54,000						$54,000			
NEW	MidSized SUV	2027	Tracy Admin Office	2028	$45,000		$45,000									
8181	1/2 Ton Pickup[2]	2023	TFO Canal Operations	2029	$52,000			$52,000					$52,000			
8180	1/2 Ton Pickup[2]	2023	LBFO Canal Operations	2029	$54,000			$54,000					$54,000			
8175	1/2 Ton Ford F-150 4X4[2]	2023	LBFO Eng. HT3	2029	$54,000			$54,000						$54,000		
8183	1/2 Ton Pickup	2024	TFO Canal Operations	2029	$55,000			$55,000						$55,000		
8182	Mid Sized Sedan	2024	IT	2029	$40,000			$40,000								
8139	1 Ton Pickup w/Utility Body - Diesel	2018	TFO Civil Maint.	2030	$110,000	X			$110,000							
8188	Small SUV	2024	Water Policy Director	2030	$55,000				$55,000							
8118	1/2 Ton Pickup	2017	TFO CM Foreman	2030	$54,000				$54,000							
8177	1/2 Ton Pickup	2023	Operations Supervisor	2030	$52,000				$52,000							
8149	1 Ton Pickup w/Utility Body - Diesel	2019	TFO Civil Maint.	2031	$110,000	X				$110,000						
8176	Small SUV	2024	IT Department	2031	$42,000					$42,000						
8197	1/2 Ton Pickup-Extra Cab	2025	Watermaster	2031	$54,000					$54,000						
8198	Mid Sized SUV	2025	Exec. Director	2031	$55,000					$55,000						
8200	Sedan[1]	2026	COO	2031	$55,000						$55,000					
8033	3/4 Ton Pickup [3]	2006	JPP Machine Shop	2032	$54,000						$54,000					
8196	1/2 Ton Pickup. 4WD. Crew Cab	2025	O&M Manager	2032	$65,000						$65,000					
8179	Small Pickup Truck	2023	Mechanical Egineer	2032	$52,000						$52,000					
8211	Mid Sized SUV	2026	Operations Manager	2032	$55,000						$55,000					
8137	3/4 Ton Pickup w/Flat Bed (Spray Truck)	2018	LBFO Civil Maint.	2033	$115,000	X						$115,000				
8140	1 Ton Pickup w/Utility Body - Diesel	2018	LBFO Civil Maint.	2033	$110,000	X						$110,000				
8144	Small SUV Rav 4	2019	IT Department	2034	$36,000								$36,000			
8167	1/2 Ton Pickup	2022	JPP Machine Shop	2034	$54,000											$ 54,000
8168	1/2 Ton Pickup	2021	OPP C&I	2034	$52,000									$52,000		
8191	1/2 Pickup [2]	2024	LBFO Canal Operations	2034	$54,000								$54,000			
8190	1/2 Pickup [2]	2024	LBFO Canal Operations	2034	$65,000								$65,000			
8169	3/4 Ton Pickup w/Utility Body	2022	Oneill PP	2035	$65,000	X									$65,000	
8194	1/2 Ton Pickup 4x4	2025	LBFO Civil Maint	2035	$54,000									$54,000		
8208	1/2 Pickup [2]	2026	TFO Canal Operations	2035	$65,000									$65,000		
8106	1 Ton Utility Truck - Diesel [3]	2014	TFO Civil Maint.	2036	$65,000	X									$65,000	
8062	1/2 Ton Pickup	2009	TFO Electric Shop	2036	$54,000										$54,000	
8111	1 Ton Pickup w/Utility Body [3]	2016	LBFO Civil Maint	2036	$65,000	X									$65,000	
8061	1 Ton Pickup w/Utility Body	2009	JPP Machine Shop	2037	$95,000	X										$ 95,000
8161	3/4 Ton Pickup [3]	2020	LBFO Civil Maint.	2037	$56,000											$ 56,000
8164	Mid Sized SUV	2021	Civil Engineer	2037	$55,000											$ 55,000
8184	3/4 Ton Van	2023	TFO Electric Shop	2038	$60,000											
8185	3/4 Ton Van	2023	TFO Electric Shop	2038	$60,000											
8192	1 Ton Utility Truck-Diesel	2025	LBFO Civil Maint.	2038	$110,000											
8210	Mid Sized SUV	2026	Engineering Manager	2038	$36,000											
8189	Small Pickup Truck	2024	Safety Officer	2039	$52,000											
8205	1/2 Ton Pickup 4WD	2026	LBFO Civil Maint	2039	$62,000											
8206	1/2 Ton Pickup 4WD	2026	LBFO Civil Maint	2039	$58,000											
8207	1/2 Ton Pickup 4WD	2026	TFO Civil Maint.	2039	$62,000											
8195	1/2 Ton 4x4 Pickup	2025	TFO Civil Maint.	2040	$54,000											
				SubTotal			$ 207,000	$ 255,000	$ 271,000	$ 261,000	$ 281,000	$ 279,000	$ 315,000	$ 280,000	$ 249,000	$ 260,000
				# of Vehicles Replaced			4	5	4	4	5	3	6	5	4	4
				3% Inflation Factor per Year			$ -	$ 7,650	$ 16,504	$ 24,202	$ 35,268	$ 44,437	$ 61,126	$ 64,365	$ 66,426	$ 79,241
				Total Dollar Amount			$ 207,000	$ 262,700	$ 287,600	$ 285,300	$ 316,300	$ 323,500	$ 376,200	$ 344,400	$ 315,500	$ 339,300
															Grand Total	**$3,057,800**

Notes:
1. Exec. Director & COO vehicles to be replaced every 5 years and reassigned to another
2. TFO & LBFO Canal Operations high mileage vehicles shall be replaced every 5 or 6 y
3. Change to 1/2 Ton to meet CARB requirements

San Luis & Delta-Mendota Water Authority
Facility Infrastructure 10 Year Plan

	How Often (Yrs)	Est. Cost (x1000)	Year Last Performed (FY)	Forecasted Years	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Tracy Field Office Facilities					***$ 120***	***$ 55***	***$ 35***	***$ 115***	***$ 51***	***$ 80***	***$ 45***	***$ 50***	***$ 50***	***$ -***
Entire O&M Compound					***$ -***	***$ -***	***$ 35***	***$ 40***	***$ -***	***$ -***	***$ 35***	***$ 10***	***$ 10***	***$ -***
Asphalt Pavement Areas					$ -	$ -	$ 35	$ -	$ -	$ -	$ 35	$ -	$ -	$ -
Seal Coat Surfacing & Striping (USBR Lot)	*5*	*25*	*2025*	*2030*			$ 25			$ 25				
Seal Coat Surfacing & Striping (JPP Area)	*5*	*45*	*2017*	*2022*				$ 35		$ 45				
Seal Coat Surfacing & Striping (TAO Area)	*5*	*35*	*2025*	*2030*			$ 35				$ 35			
Alarm & Security Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10	$ 10	$ -
Fire Alarm System Replacement	*30*	*20*	*2011*	*2041*										
Wash Water Recycling System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Recycling System Replacement	*20*	*75*	*1996*	*2016*										
Aboveground Fuel Storage System					$ -	$ -	$ -	$ 40	$ -	$ -	$ -	$ -	$ -	$ -
Tank Replacement	*40*	*20*	*1996*	*2036*				$ 20						
Fuel Dispensing System Replacement	*15*	*20*	*2015*	*2030*				$ 20						
Exterior Lighting					$ -	$ -	$ -	$ 60	$ -	$ -	$ -	$ -	$ -	$ -
Lighting Fixtures														
Control Building (75 Years Old)					***$ 95***	***$ -***	***$ -***	***$ 60***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***
Roofing Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Re-seal/Overlay/Replacement	*20*	*15*	*2021*	*2041*										
Building Interior/Exterior Components					$ 70	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interior Maintenance (Painting)	*20*	*10*	*2007*	*2027*										
Kitchen Remodel	*25*	*15*	*1980*	*2005*										
Flooring Replacement (Carpet/Tile)	*15*	*20*	*2019*	*2034*										
Lighting Fixture Replacements (Interior)	*10*				$ 70									
Building HVAC					$ 25	$ -	$ -	$ 60	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement	*20*	*10*	*2011*	*2031*				$ 20						
Air Conditioning System Replacement	*20*	*30*	*2011*	*2031*	$ 25			$ 20						
Ventilation System Replacement	*20*	*10*	*2011*	*2031*				$ 20						
Warehouse Building (31 Years Old)					***$ -***	***$ 55***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 40***	***$ 40***	***$ -***
Roofing Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement	*25*	*25*	*2025*	*2050*										
Building Interior/Exterior Components					$ -	$ 55	$ -	$ -	$ -	$ -	$ -	$ 40	$ 40	$ -
Exterior Maintenance (Painting)	*40*	*15*	*1996*	*2036*								$ 40	$ 40	
Interior Maintenance (Painting)	*20*	*5*	*2007*	*2027*		$ 15								
Kitchen Remodel	*30*	*15*	*1996*	*2026*		$ 30								
Flooring Replacement (Carpet/Tile)	*20*	*20*	*2007*	*2027*		$ 10								
Lighting Fixture Replacements (Interior)	*10*	*10*	*1996*	*2027*										
Building HVAC					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement	*20*	*15*	*1996*	*2016*										
Air Conditioning System Replacement	*20*	*18*	*1996*	*2016*										
Warehouse Portable Coolers (2)	*20*	*10*	*2027*	*2047*										
Ventilation System Replacement	*20*	*10*	*1996*	*2016*										
Building Fire Protection System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Component Replacement (Sprinklers & Detectors)	*50*	*10*	*1996*	*2046*										
Adminstration/Electric Shop Building (31 Years Old)					***$ 25***	***$ -***	***$ -***	***$ 15***	***$ -***	***$ 80***	***$ -***	***$ -***	***$ -***	***$ -***
Roofing Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement	*25*	*25*	*1996*	*2021*										
Building Interior/Exterior Components					$ -	$ -	$ -	$ 15	$ -	$ 80	$ -	$ -	$ -	$ -
Exterior Maintenance (Painting)	*35*	*15*	*1996*	*2031*				$ 15						
Interior Maintenance (Painting)	*20*	*10*	*2013*	*2033*						$ 20				
Office Partition Replacement	*20*	*25*	*2013*	*2033*						$ 20				
Kitchen/Lunch Room Remodel	*20*	*15*	*1996*	*2016*										
Flooring Replacement (Carpet/Tile)	*20*	*15*	*2013*	*2033*						$ 20				
Lighting Fixture Replacements (Interior)	*10*									$ 20				
Building HVAC					$ 25	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement	*20*	*35*	*1996*	*2016*										
	20	*35*	*1996*	*2016*	$ 25									
Ventilation System Replacement	*20*	*20*	*1996*	*2016*										
Building Fire Protection System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Component Replacement (Sprinklers & Detectors)	*50*	*10*	*1996*	*2046*										
Civil/Vehicle Maintenance Building (31 Years Old)					***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 10***	***$ -***	***$ -***	***$ -***
Roofing Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement	*25*	*25*	*1996*	*2021*										
Building Interior/Exterior Components					$ -	$ -	$ -	$ -	$ -	$ -	$ 10	$ -	$ -	$ -
Exterior Maintenance (Painting)	*40*	*15*	*1996*	*2036*										
Interior Maintenance (Painting)	*20*	*10*	*2014*	*2034*							$ 10			
Flooring Replacement (Tile)	*25*	*20*	*2020*	*2045*										
Lighting Fixture Replacements (Interior)	*10*													
Building HVAC					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement	*20*	*10*	*1996*	*2016*										

San Luis & Delta-Mendota Water Authority
Facility Infrastructure 10 Year Plan

	How Often (Yrs)	Est. Cost (x1000)	Year Last Performed (FY)	Forecasted Years	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Air Conditioning System Replacement	20	10	1996	2016										
Shop Ventilation System Replacement	20	10	1996	2016										
Building Fire Protection System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Component Replacement (Sprinklers & Detectors)	50	10	1996	2046										
Sandblast and Paint Building (25 Years Old)					***$ -***	***$ -***	***$ -***	***$ -***	***$ 51***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***
Roofing Systems					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Roof Repair/Replacement	25	25	2028	2053										
Building Interior/Exterior Components					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Exterior Maintenance (Painting)	40	15	2002	2042										
Lighting Fixture Replacements (Interior)	10													
Blast Room Air Flow System					$ -	$ -	$ -	$ -	$ 21	$ -	$ -	$ -	$ -	$ -
Filter Replacement	10	15	2022	2032					$ 21					
Air Compressor Replacement	20	50	2022	2042										
Shop Ventilation System Replacement	20	50	2022	2042										
Media Collection System	20	75	2022	2042										
Building Fire Protection System					$ -	$ -	$ -	$ -	$ 30	$ -	$ -	$ -	$ -	$ -
Component Replacement (Sprinklers & Detectors)	30	10	2002	2032					$ 30					
Los Banos Field Office & Maintenance Facility					***$ 40***	***$ 20***	***$ 55***	***$ 45***	***$ -***	***$ 65***	***$ -***	***$ -***	***$ -***	***$ -***
Entire O&M Compound					***$ -***	***$ 20***	***$ 55***	***$ 45***	***$ -***	***$ 40***	***$ -***	***$ -***	***$ -***	***$ -***
Asphalt Pavement Areas					$ -	$ -	$ 25	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Seal Coat Surfacing & Striping (2009)	10	20	2019	2029			$ 25							
Alarm & Security Systems					$ -	$ 20	$ -							
Fire Alarm System Replacement (2008)	21	20	2008	2029		$ 20								
Front Entry Gate - Keypad Replacement														
Domestic Water Well					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Well Replacement	25	150	2021	2046										
Wash Water Recycling System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Recycling System Replacement (2004)	20	75	2004	2024										
Aboveground Fuel Storage System					$ -	$ -	$ 30	$ 45	$ -	$ 40	$ -	$ -	$ -	$ -
Tank Replacement (1993)	40	20	1993	2033				$ 20		$ 40				
Fuel Dispensing System Replacement	15	20	2015	2030			$ 15	$ 20						
Office Building (20 Years Old)					***$ 40***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 25***	***$ -***	***$ -***	***$ -***	***$ -***
Roofing Systems					$ -	$ -	$ -	$ -	$ -	$ 25	$ -	$ -	$ -	$ -
Roof Repair/Replacement (2008)	25	25	2008	2033						$ 25				
Building Interior/Exterior Components					$ 40	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Exterior Maintenance (Painting)	40	30	2008	2048										
Interior Maintenance (Painting) (2008)	20	10	2008	2028	$ 11									
Office Partition Replacement (2008)	20	15	2008	2028	$ 18									
Flooring Replacement (Carpet/Tile)(2008)	20	10	2008	2028	$ 11									
Building HVAC					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Heater System Replacement (2008)	20	20	2025	2045										
Air Conditioning System Replacement (2008)	20	20	2025	2045										
Los Banos Administration Office Facility					***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***
Office Building					***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***
Offices					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Building Plumbing System					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Kitchen/Lunchroom Remodel	20	18	1992	2012										
TOTALS (x$1000)					$ 160	$ 75	$ 90	$ 160	$ 51	$ 145	$ 45	$ 50	$ 50	$ -
3% Inflation Factor per Year (x $1000) (Not applicable to current year)					$ -	$ 2.3	$ 5.5	$ 14.8	$ 6.4	$ 23.1	$ 9	$ 11	$ 13	$ -
Yearly Total (x $1000)*					***$ 160***	***$ 78***	***$ 96***	***$ 175***	***$ 58***	***$ 169***	***$ 54***	***$ 61***	***$ 63***	***$ -***
													10 Year Grand Total	***$ 915***
					0	1	2	3	4	5	6	7	8	9

*Note: Yearly totals do not include cost of labor. Labor costs are included in the proposed fiscal year budget.

Reserve Fund - Replace Computer/Network Communication Equip Program

Project Number	2026-E-083
Segment Code	26 - D0
Priority	C - 6 - b
Facility	ALL
Project Discipline	E - Electrical
Contingency	20%

Estimated Total Cost
$437,945

Labor	Materials	Contracts	Contingency
$104,779	$260,175	$0	$72,991

Project Purpose and Background:

Pursuant to the updated 2024 Memorandum of Understanding (MOU) between Friant Water Authority and the Water Authority relative to Office & Computer/Network Equipment; replacement of office and electronic equipment and computer software identified on the Ten-Year Plan with an annual aggregate replacement cost greater than $20,000 should be included.
To ensure that the computer equipment is both operational and is of the capacity to operate current versions of application software, the Water Authority has a proactive plan to upgrade/replace computer communications equipment rather than react to emergency replacement needs and placing business communications at risk. A Ten-Year Plan was developed to estimate future communications & computer equipment replacement needs and has been organized into the following categories; computers and peripherals, cyber security, office equipment, phone system, cell phones, fuel system, and campus security.

Project Description and Scope:

The computer/network communication equipment scheduled to be replaced this fiscal year is summarized on the attached 10-year plan. Note: All recurring annual subscription and maintenance costs are incorporated in the RO&M budget utilizing region 51.

Project Status:

On-going



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PROPOSED FY2028 EO&M/CIP PROJECT DETAILS

Device	No. in Use	Life-span	Cost EA	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	TOTAL
Computers & Peripherals														
Computers - workstations	***48***	5	Note 1 $1,200	**$45,600**	$0	$0	$0	$0	$13,200	$12,100	$0	$0	$0	**$70,900**
Computers - laptops	***49***	4/5	$2,700	**$7,000**	$0	$63,700	$52,000	$16,000	$36,000	$16,500	$60,000	$25,000	$25,000	**$301,200**
Monitors	**91**	7	Note 2 $250	**$5,000**	$5,000	$0	$0	$0	$5,000	$5,000	$5,000	$0	$3,000	**$28,000**
Servers	**13**	5	Note 3	**$0**	$12,800	$0	$0	$0	$17,000	$0	$0	$0	$25,000	**$54,800**
Routers	**28**	5	Note 4 $7,500	**$1,800**	$0	$5,400	$0	$0	$2,000	$0	$5,400	$0		**$14,600**
Switches	**12**	5	Note 8	**$15,000**			$5,000	$20,000			$6,000	$20,000		**$66,000**
Backup System(s) Onsite/Cloud	**3**	5	Note 5	**$17,800**	$25,350	$10,050	$18,800	$27,350	$7,050	$19,800	$29,350	$0		**$155,550**
Tablets	**17**			**$0**	$0	$4,950	$5,200	$0	$3,500	$0	$21,000	$4,000		**$38,650**
Cyber Security				**$86,475**	$55,000	$103,000	$63,000	$79,000	$88,000	$81,000	$63,000	$83,000	$80,000	**$781,475**
Office Equipment				**$16,000**	$117,800	$9,000	$39,500	$75,500	$2,000	$6,200	$120,500	$2,400	$25,000	**$413,900**
Phone System	4	15	Note 11	**$20,500**	$13,000	$20,500	$15,000	$2,500	$0	$2,500	$0	$0	$5,000	**$79,000**
Cell Phones	**20**			**$0**	$0	$12,000	$2,700	$0	$1,800	$0	$14,250	$2,850	$0	**$33,600**
Fuel System	**2**	10										$40,000		**$40,000**
Syntec Fuel Master														**$0**
Campus Security				**$45,000**	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	$45,000	**$450,000**
			YEARLY TOTAL*	**$260,175**	**$273,950**	**$273,600**	**$246,200**	**$265,350**	**$220,550**	**$188,100**	**$369,500**	**$222,250**	**$208,000**	**$2,527,675**

**Yearly totals do not include cost of labor. Labor costs are included in the proposed fiscal year budget.*

Notes:
1. The replacement of 3 PCs per year is predicated on a PC life span of 5 years. Every fifth year, 26 computers will require replacement. The cost of $1,200 per PC includes Operating System.
2. Replace flat panel monitors as needed.
3. Replace storage server. Migrate to Office 365 2025/26.
4. All switches will be replaced at the same time.
5. Upgrade backup systems at LBAO, Tracy and Sacramento; includes hardware, software, external drives, and technical support.
6. Support & upgrades are purchased every three years due to the cost savings but not for longer due to the changes in technology.
7. Purchase 2-year support/update contract in 2026 and replace hardware with 3-year software support/updates in 2028.
8. Core Managed Switches replaced in mass, satellite and un managed switches replaced as required
9. Replace TAO, Warehouse, LBAO, LBFO, Control Room(6yr) move TAO copiers to SAC.
10. Will be issued to all craft personel to track SO, Materials and Time
11: Upgrade the Tracy phone system in FY28. Move as many phones as possible to IP and eliminate need for systems and maintenance in each office



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Reserve Fund - EO&M Program Management

Project Number	2026-C-082
Segment Code	26 - L6
Priority	C - 6 - c
Facility	ALL
Project Discipline	C - Civil
Contingency	20%

Estimated Total Cost
$737,946

Labor	Materials	Contracts	Contingency
$114,955	$0	$500,000	$122,991

Project Purpose and Background:

The Extraordinary Operations and Maintenance (EO&M) Program Management Reserve Fund was established in 2026 to support the planning, prioritization, and management of the Water Authority's growing EO&M and Capital Improvement Program (CIP) portfolio. As the infrastructure continues to age, the number, size, and complexity of rehabilitation, replacement, and modernization projects have increased significantly. Effective program management is necessary to ensure projects are properly evaluated, prioritized, budgeted, and executed in a manner that supports long-term reliability and operational resiliency,
This reserve fund provides resources to support implementation and ongoing management of the EO&M and CIP Ten-Year Plans through a combination of Water Authority staff and specialized consultant support.

Project Description and Scope:

The proposed budget provides funding for program management activities associated with the Water Authority's EO&M and CIP Ten-Year Plans. This includes support from a qualified engineering consultant to assist with project evaluation, prioritization, forecasting, development of budgetary cost estimates, schedule planning, and overall program coordination.
Funding also supports management and oversight of EO&M projects as they advance through planning, design, procurement, and implementation. In addition, the project includes funding for 50 percent of the annual labor costs for the proposed EO&M/CIP Manager position, which will provide dedicated leadership and coordination for the Water Authority's expanding infrastructure investment program.
The program is intended to improve project delivery, enhance long-term planning efforts, and ensure strategic investment in critical infrastructure assets while maintaining alignment with Water Authority operational and financial objectives.

Project Status:

On-going

JPP - Excitation System & Control Panel Refurbishment Project

Project Number	2026-E-084
Segment Code	25 - F9
Priority	B - 2 - c
Facility	JPP
Project Discipline	E - Electrical
Contingency	0%

Estimated Total Cost
$12,395,837

Labor	Materials	Contracts	Contingency
$374,837	$0	$12,021,000	$0

Project Purpose and Background:

Because the existing analog excitation control systems at JPP are aging and increasingly unreliable, the JPP Excitation System & Control Panel Refurbishment Project was established. The Water Authority secured $25 million in Aging Infrastructure Account (AIA) funding to support the project's implementation. After Reclamation completed the design of the new system, the Water Authority solicited and executed six separate three-year construction contracts in August of 2025. The units will be upgraded in succession over the next three years. Because the construction contract amounts exceed the amount of AIA funding, annual EO&M funding is requested to cover Water Authority labor, legal review, and consultant expenses. Reclamation labor to support the project as designers on record is funded utilizing AIA funding.

Project Description and Scope:

The JPP Excitation System and Control Panel Refurbishment Project will include replacing the current excitation system with a static system eliminating the DC commutator, installation of new control cabinets, new protective relays, and installation of upgraded SCADA control boards for improved indication and control.

Project Status:

On-going

OPP Unit Rotor & Stator Rewind (Design)

Project Number	2026-E-085
Segment Code	25 - F5
Priority	B - 3 - b
Facility	ONP
Project Discipline	E - Electrical
Contingency	0%

Estimated Total Cost
$1,444,114

Labor	Materials	Contracts	Contingency
$38,114	**$0**	**$1,406,000**	**$0**

Project Purpose and Background:

The six motor-generator units at OPP were commissioned in 1968 and remain critical assets supporting pumping and generation operations. The Reclamation's Electrical Machinery Blue Book identifies an expected service life of approximately 50 years for comparable stator winding insulation systems.

To evaluate the condition of the units, the Reclamation's Technical Service Center performed an electrical condition assessment in 2017. The assessment identified consistent indications of insulation aging, electrical leakage, and vibration-related deterioration across all six units, characteristic of equipment approaching the end of their expected service life. As insulation systems continue to age, the risk of reduced reliability, increased maintenance requirements, and extended outage durations increases.

Rewinding the stators and refurbishing the rotors is a key long-term asset renewal initiative intended to maintain the reliability, availability, and operational performance of the OPP pumping units while extending their useful service life.

Project Description and Scope:

This project funds the engineering, design, and specification development necessary to support future rewind and refurbishment of all six OPP motor-generator units. Design activities will include review of historical operating and testing data, field inspections, equipment condition evaluations, engineering analysis, design data collection, preparation of technical specifications, and development of construction documents necessary to support future rehabilitation activities. Due to current staffing constraints within Reclamation, the design effort may be completed through a qualified engineering consultant with review and coordination by Reclamation, similar to the approach successfully utilized for the JPP rotor and stator rewind program.

The anticipated construction scope for each unit includes manufacture and installation of new stator coils, removal and replacement of existing stator winding systems, refurbishment of rotor pole assemblies, associated electrical testing, and recommissioning. Upon completion of the rewind work, each unit will undergo performance testing to verify compliance with design and contract requirements.

The rewind program will be coordinated with the OPP mechanical rehabilitation program to the greatest extent practical. Based on current schedules and anticipated design and procurement lead times, the first unit rewind is expected to occur during the fourth planned mechanical rehabilitation outage. As a result, three units are currently anticipated to receive both mechanical rehabilitation and electrical rewind work during the same outage, while the remaining three units will be rewound during separate planned outages. Coordinating electrical and mechanical rehabilitation activities where feasible will improve project efficiency, reduce operational impacts, minimize the number of extended outages required, and maximize the value of planned capital investments.

Completion of this design effort will establish the foundation for a long-term motor-generator rehabilitation program intended to improve unit reliability, reduce the risk of unplanned outages, and extend the service life of the units.

Project Status:

On-going

OPP Main Transformer Replacement Project

Project Number	2026-E-299
Segment Code	25 - R0
Priority	B - 3 - b
Facility	ONP
Project Discipline	E - Electrical
Contingency	0%

Estimated Total Cost
$2,779,505

Labor	Materials	Contracts	Contingency
$44,505	$0	$2,735,000	$0

Project Purpose and Background:

The OPP is a critical component of the Central Valley Project and the San Luis Unit, supporting the storage and delivery of both project and non-project water supplies. The existing main power transformers are critical electrical assets that have been in service since original plant construction and are approaching the end of their operational life. While the ongoing transformer rehabilitation program is expected to extend service life in the near term, replacement is proposed to support long-term reliability and continued operation of the facility.
The Water Authority successfully secured approximately $53 million in Infrastructure Investment and Jobs Act (IIJA) Aging Infrastructure Account (AIA) funding toward a total project request of approximately $58.4 million.

Project Description and Scope:

This project provides for the design, procurement, fabrication, and installation of replacement main power transformers for OPP. Replacement transformers will modernize critical electrical infrastructure, improve system reliability, reduce the risk of unplanned outages associated with aging equipment, and support the continued operation of the pumping plant. The new transformers are expected to provide approximately 50 years of additional service life and represent a long-term investment in the reliability and resiliency of this critical facility.

Project Status:

Proposed

OPP Pump Bowl & Woodward Governor Replacement

Project Number	2026-M-086
Segment Code	25 - J2
Priority	B - 3 - b
Facility	ONP
Project Discipline	M - Mechanical
Contingency	0%

Estimated Total Cost
$6,719,187

Labor	Materials	Contracts	Contingency
$170,647	$0	$6,548,540	$0

Project Purpose and Background:

The OPP pump bowls are facility components that have been in service since plant commissioning in 1968. Over the years, modifications have been performed to improve access for inspection and maintenance activities. During a 2019 review of proposed pump bowl modifications, Reclamation identified concerns related to engineering documentation, structural integrity, reliability, and compliance with applicable codes and standards, and recommended that future modifications or replacement efforts be developed in coordination with the original equipment manufacturer (OEM) and properly engineered in accordance with Reclamation requirements.

To support the long-term reliability and maintainability of the pumping units, the Water Authority partnered with Reclamation and Fairbanks Morse/Pentair to develop a replacement pump bowl design that incorporates modern engineering standards, improved maintenance access, and enhanced operational supportability. The Water Authority secured approximately $22.6 million in Infrastructure Investment and Jobs Act (IIJA) Aging Infrastructure Account (AIA) funding toward a total project request of approximately $85.8 million.

Project Description and Scope:

This project supports fabrication and future installation of six replacement pump bowls and associated governor control system upgrades utilizing Reclamation-approved engineering standards and OEM-supported designs. The replacement pump bowls incorporate improved access provisions for inspection, maintenance, and emergency personnel retrieval while maintaining required hydraulic and structural performance characteristics.

The project also includes replacement of the existing electro-mechanical governor control systems with modern PLC-based governor controls. The upgraded governor systems will provide improved unit control, responsiveness, operational flexibility, and long-term maintainability while reducing reliance on aging components that are increasingly difficult to support. Integration of modern digital controls will improve performance during changing operating conditions and provide enhanced monitoring and diagnostic capabilities to support maintenance and troubleshooting activities.

Collectively, these improvements represent a long-term investment in the reliability, maintainability, operational efficiency, and resiliency of the pumping units. Funding requested in FY28 reflects anticipated expenditures necessary to continue implementation of this multi-year rehabilitation and modernization program.

Project Status:

Not-Started

OPP Pump Assembly & Penstock Rehabilitation Program

Project Number	2028-M-395
Segment Code	25 - J3
Priority	B - 3 - b
Facility	ONP
Project Discipline	M - Mechanical
Contingency	0%

Estimated Total Cost
$5,375,404

Labor	Materials	Contracts	Contingency
$203,404	$0	$5,172,000	$0

Project Purpose and Background:

The OPP pumping units are critical assets that support water delivery and storage operations within the Central Valley Project and San Luis Unit. As part of the Water Authority's long-term asset renewal strategy, replacement pump bowls are being fabricated to address maintenance, reliability, safety, and operational concerns associated with the original equipment while incorporating modern engineering standards and improved access provisions. The pump bowl replacement project also provides a unique opportunity to perform comprehensive rehabilitation of other critical unit components while the units are removed from service. Coordinating this work during planned extended outages maximizes the value of the rehabilitation effort, improves overall unit condition, and reduces the need for future disassembly and outage impacts.

Project Description and Scope:

This project supports the installation of replacement pump bowls and associated rehabilitation of critical pumping unit components. In conjunction with pump bowl replacement, the Water Authority will inspect, repair, refurbish, or replace wear components including bearings, bearing sleeves, propeller mechanism components, seals, and other consumable parts that are subject to normal operational wear. Replacing these components during unit disassembly will improve reliability, reduce future maintenance requirements, and extend the overall service life of the pumping units.

The project will also evaluate long-term improvements to the hydraulic actuator system, including refurbishment or replacement of actuator rods, distributor valves, and servos. Alternatives under consideration include reverse-engineered replacement components utilizing commercially available parts or development of a modernized actuator system that improves maintainability, reduces lifecycle costs, and simplifies future maintenance and repair activities.

In addition, the extended outages required for unit rehabilitation provide access to normally inaccessible portions of the facility, including penstocks and discharge tubes. The project includes inspection, surface preparation, coating rehabilitation, and associated repairs within these structures to address deterioration, extend asset life, and improve long-term reliability of the pumping plant.

Collectively, these improvements represent a comprehensive unit rehabilitation and modernization effort intended to improve reliability, maintainability, operational resiliency, and lifecycle performance of the OPP pumping units while maximizing the benefit of planned outage durations.

Project Status:

Proposed

DMC Subsidence Correction Project - Phase I

Project Number	2026-C-087
Segment Code	25 - I3
Priority	B - 3 - c
Facility	DMC
Project Discipline	C - Civil
Contingency	0%

Estimated Total Cost
$41,926,325

Labor	Materials	Contracts	Contingency
$267,825	**$0**	**$41,658,500**	**$0**

Project Purpose and Background:

The DMC Subsidence Correction Project (Project) is intended to restore Delta-Mendota Canal conveyance capacity to support Reclamation's contract water delivery obligations. The Water Authority has secured $280.2M in non-reimbursable funding - $45.2M from the Department of Water Resources (DWR) through the state budget process, and $235M in One Big Beautiful Bill Act (OBBBA) funding. In addition, the Water Authority has also been awarded $391.6M in reimbursable Aging Infrastructure Account (AIA) funding through the IIJA. Given the project's large scale and funding needs, implementation of the Project has been phased. Phase 1 of the Project has been approved and includes the following four tasks: (1) Approximately 2-foot liner raise from the canal headworks of to the Intertie Pumping Plant, (2) Approximately 2-foot liner raise in sag areas in the Upper DMC, (3) Replacement of three critical bridges on the Upper DMC, and (4) Replacement of two critical bridges on the Lower DMC. Non-reimbursable funds from DWR and OBBBA are being utilized to complete Phase 1 of the project. Task 1 is currently underway and will be completed in FY2027.

Project Description and Scope:

The work in fiscal year 2028 will focus on Tasks 2-4. With substantial support of consultants and contractors, the first phase of Task 2 is expected to be in construction. Task 2a consists of liner raises from MP41.93 – MP43.73 and five underwater panel repairs. Concurrently with the construction of Task 2a, the Project team will be working to complete the design of the remainder of Task 2. In addition, design and planning of the bridge replacements in Tasks 3 & 4 will begin in FY28. Water Authority staff anticipates substantial support of consultants to deliver a successful project, including design services, program level management, project management, and construction management.

Project Status:

On-going

Attachment 4

EO&M/CIP Project Carryover Information



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FY27 - 3rdh Qtr Report
As of Date: September 30, 2026
Updated by: Tflores
Date Updated: 10/27/2026 by RT/TF

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
EXTRAORDINARY O & M PROJECTS BUDGET TO ACTUAL (by fiscal year) REPORT

Acct Code	Fund 26	Project Description	Total Amount Budgeted FY1997-FY2027	Total Project Expended To date	Total Remaining for Project	Estimated Remaining Expense for Currently Funded Projects	Estimated E,O&M Fund/Project Running Balance	Comments
			Completed Projects Remaining Balance:		(0.00)		(0.00)	
5523	D0	Replacement Computer/Network Comm. Equip	3,156,751.16	1,482,629.59	1,674,121.57	1,674,121.57	-	
5541	D1	Replacement Vehicles	4,332,012.56	3,901,122.38	430,890.18	430,890.18	-	
5544	D2	Purchase New Heavy Equipment	5,905,289.66	5,412,865.20	492,424.46	492,424.46	-	
7226	D3	ALL-Facility Infrastructure Replacement	2,017,176.88	940,472.26	1,076,704.62	1,076,704.62	-	
	D4	SCADA Replacement & Modernization Program	1,695,014.08	605,792.37	1,089,221.71	1,089,221.71	-	
7012	E6	DMC O&M Road Maintenance Program	2,076,259.00	1,583,068.14	493,190.86	-	381,378.24	project completed funds allocated to emergency repairs
	F3	Shaft Sleeve Design & Manufacture (2 Sets)	366,063.12	-	366,063.12	366,063.12	-	
	F4	JPP Unit Rewind (Rotor & Stator) (Unit 2 Labor Only)	1,737,800.00	1,064,385.08	673,414.92	673,414.92	-	
7209	F9	Excitation Cabinet & Control Panel Refurbishment ($500K to be reallocated)	3,060,070.00	1,434,294.11	1,625,775.89	1,625,775.89	-	
	G3	Main Transformer Rehabilitation	8,937,625.04	3,842,178.23	5,095,446.81	5,095,446.81	-	
	I3	DMC Subsidence Correction Preliminary Assessment	2,612,100.00	6,225,826.63	(3,613,726.63)	(3,613,726.63)	-	
	I4	DMC Bridge Abutment Repair at MP 92.73	507,000.00	-	507,000.00	507,000.00	-	
	J2	ONP Pump Bowl Replacement (Design)	1,952,100.00	117,887.59	1,834,212.41	1,834,212.41	-	
	K2	DCI HVAC System Rehab/Replacement	99,400.00	-	99,400.00	99,400.00	-	
	L2	ONP Sand Filter System Rehabilitation Design	751,607.00	79,954.47	671,652.53	671,652.53	-	
	L5	DMC Underdrain Sediment Removal	1,086,890.00	19,734.16	1,067,155.84	1,067,155.84	-	
	L6	Management Srvs	2,145,357.00	322,788.15	1,822,568.85	1,822,568.85	-	
	M0	Warehouse Building Design and Construction	794,567.00	2,668.55	791,898.45	791,898.45	-	
	M2	ONP Bridge Crane	-	-	-		-	
	M3	JPP Sand Filter System Rehab	458,377.64	4,280.80	454,096.84	454,096.84	-	
	M4	Plant Flowmeter System Rehab	353,652.00	177.22	353,474.78	353,474.78	-	
	M9	Standby Gen Transfer Switch	-	-	-		-	
	R7	Protective Relays Review	149,167.08	-	149,167.08	149,167.08	-	
	R8	Facility Rating Review	139,566.96	-	139,566.96	139,566.96	-	
	R17	Switchgear Paralleling	848,731.08	-	848,731.08	848,731.08	-	
	R18	JPP HVAC System Rehab/Replacement-Design	566,935.20	-	566,935.20	566,935.20	-	
			-	-	-		-	
			82,548,927.52	63,839,539.99	18,709,387.53	18,216,196.67	381,378.24	
CIP	Fund 25							
	F4	Unit Rewind - Phase 6 (USBR Funding)	34,730,984.00	30,154,061.55	4,576,922.45	4,576,922.45	-	
	F5	CIP OPP Rotor & Stator Rewind Design (All Units)	600,139.00	-	600,139.00	600,139.00	-	
	F9	Excitation Cabinet * Control Panel Refurbishment	27,415,187.02	3,752,486.82	23,662,700.20	23,662,700.20	-	
	I3	DMC Subsidence Correction Project	75,455,660.92	21,595,528.37	53,860,132.55	53,860,132.55	-	
	J2	Pump Bowl Replacement	16,770,994.00	1,757,976.02	15,013,017.98	15,013,017.98	-	
	J3	Pump Assembly & Penstock Rehabilitation	6,299,511.00	4,333.07	6,295,177.93	6,295,177.93	-	
	P3	CIP Floating Solar Project-5 Year Pilot Study	4,669,823.00	-	4,669,823.00	4,669,823.00	-	
	R0	OPP Main Transformer Replacement	2,808,248.04					
			-					
			-					
			168,750,546.98	57,264,385.83	108,677,913.11	108,677,913.11	-	