

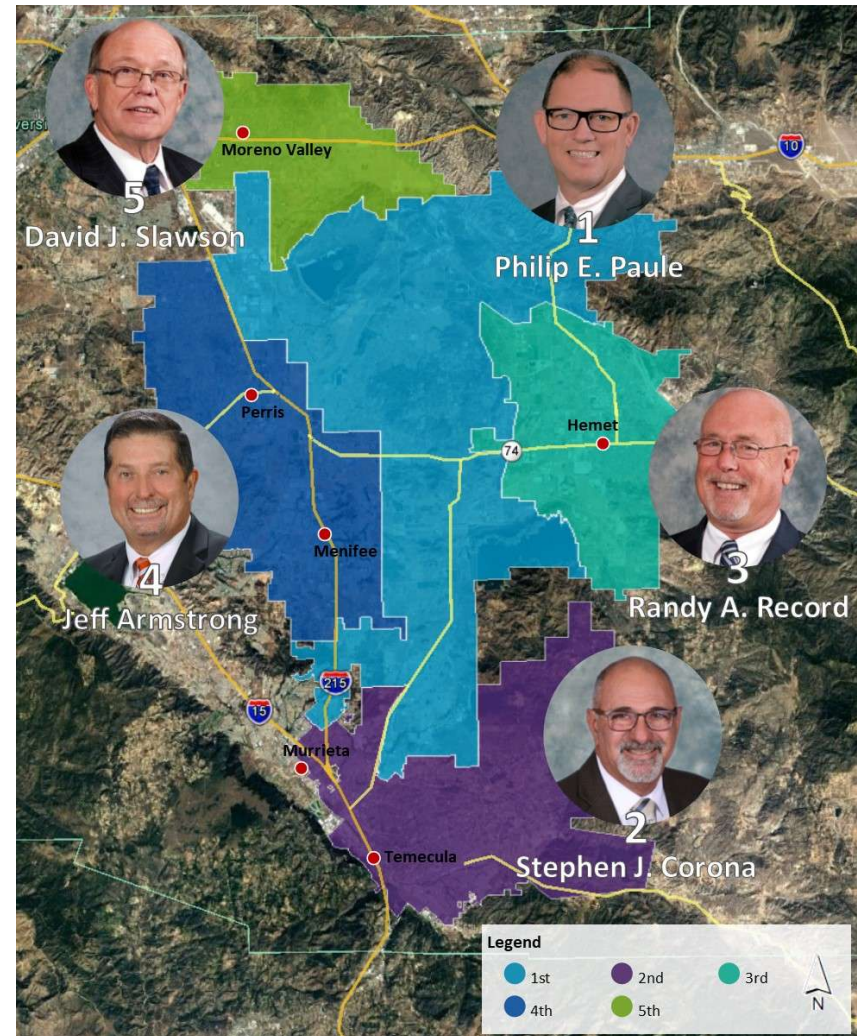


Construction Network: EMWD Capital Improvement Program

Shaun J. Stone, PE
Director of Engineering
June 24, 2021

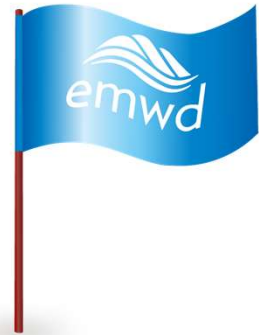
About EMWD

- Five division publicly-elected Board of Directors
- More than 600 employees
- Annual operating budget of \$324 million for FY 2020-21
- Five-year capital program of \$545 million for FYE 2021 to FYE 2025
 - More than 170 active capital projects
- Ten-year capital program exceeds \$1 billion
- Sixth largest public water utility in California



ESTABLISHED IN

1950



POPULATION:

850,000+



SERVES:



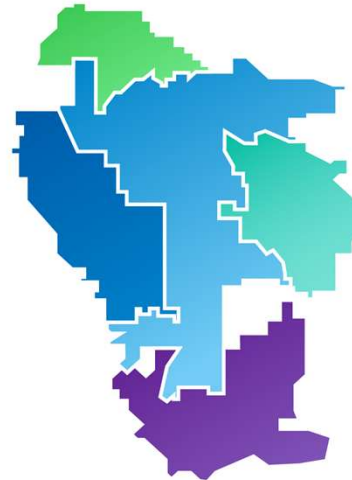
WATER / WASTEWATER / RECYCLED



WHOLESALE



RETAIL



555

SQUARE MILE
SERVICE AREA



ALMOST
38%

CURRENTLY
BUILT OUT

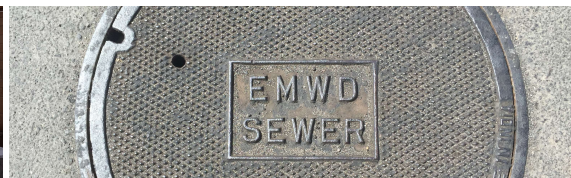
Core Services



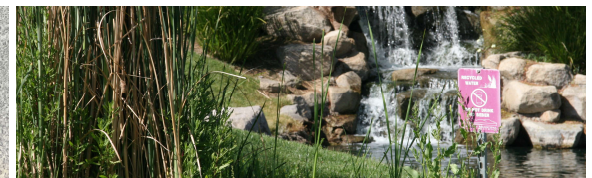
- Approximately 156,000 accounts
 - 90,998 acre-feet sold in FYE 2020
 - Imported water from State Water Project and Colorado River Aqueduct
 - Groundwater wells
 - Menifee and Perris brackish desalters



- Approximately 246,000 accounts
 - Four operating regional water reclamation facilities
 - 69 million gallons per day capacity
 - 46 million gallons per day average



- Approximately 626 accounts
 - 29,191 acre-feet sold in FYE 2020
 - Extensive agricultural irrigation, municipal irrigation, and environmental uses

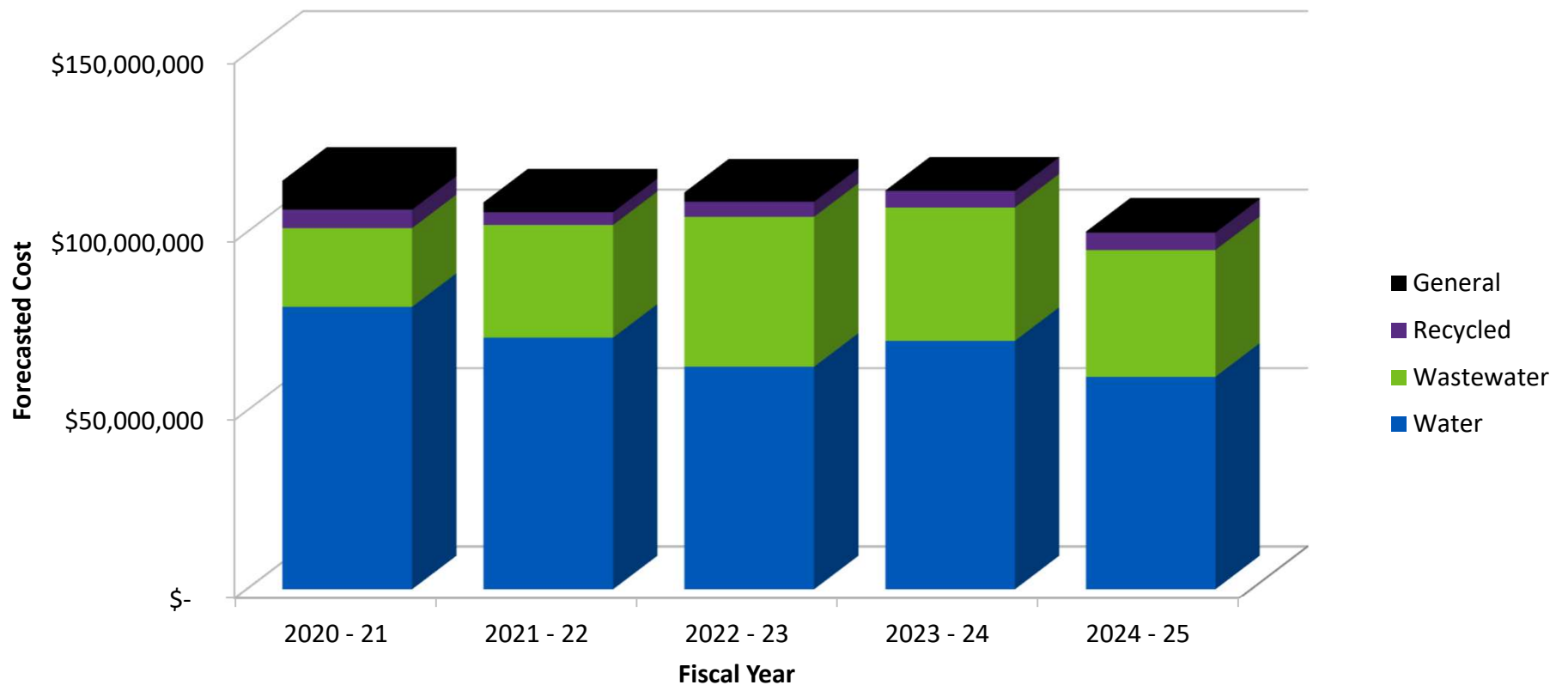


2020-2025 Capital Improvement Program

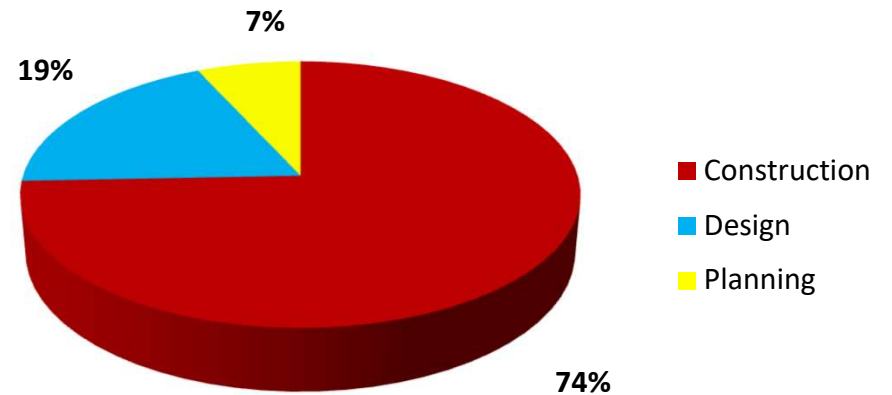
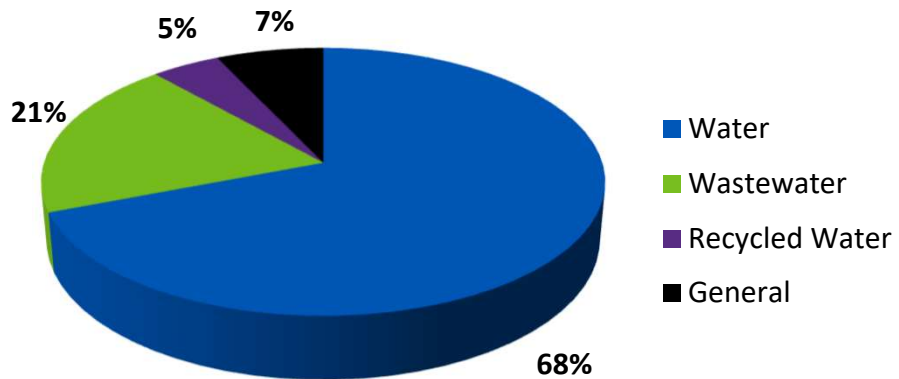


2020-2025 Capital Improvement Program

- Total budget of \$545M with estimated external funding of \$96M
- Water system investments average \$68M/year over the five-year period
- Annual budget ranges from \$95M to \$115M



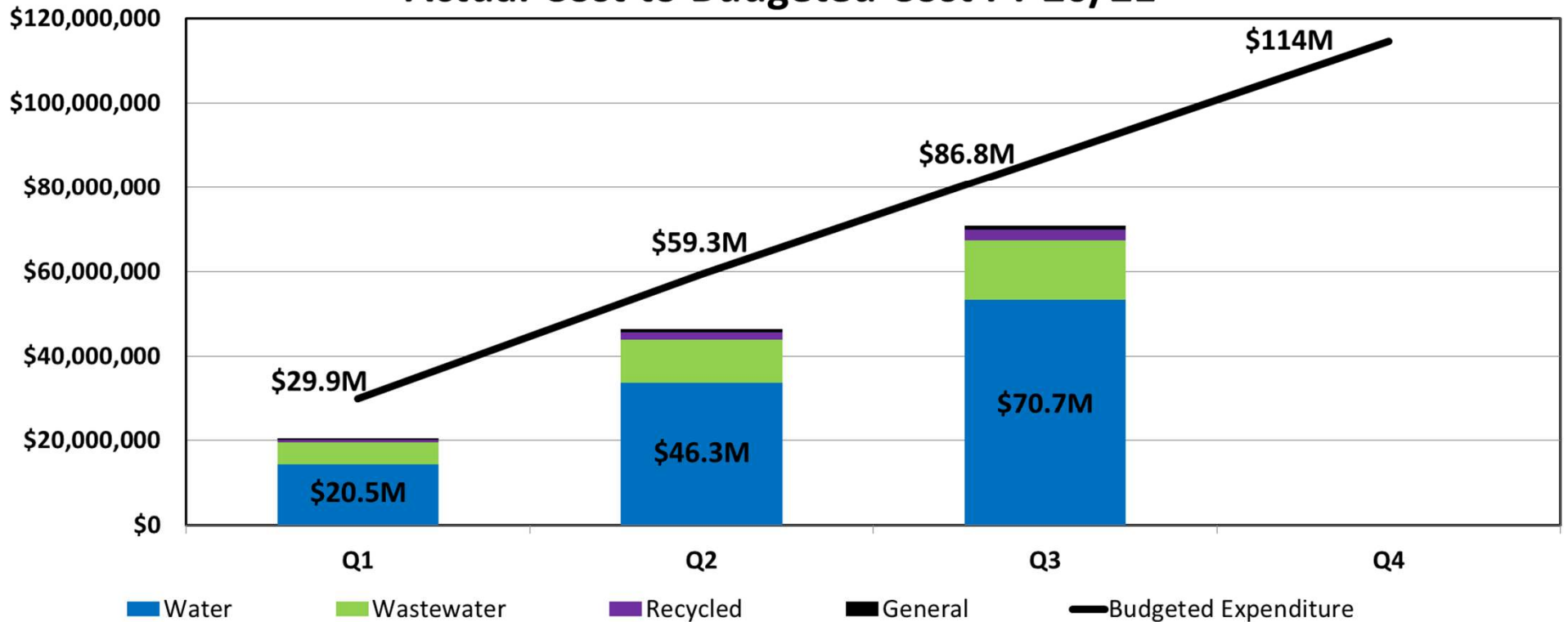
FY 2020/ 2021 Capital Improvement Program



PROJECT TYPE	COUNT	2020 – 21 (\$ Million)
WATER	87	\$79 Mil
WASTEWATER	59	\$22 Mil
RECYCLED	14	\$5 Mil
GENERAL	9	\$8 Mil
TOTAL	169	\$114 Mil

20-21 Q3 Capital Improvement Program Performance

Actual Cost to Budgeted Cost FY 20/21



* Grant Reimbursements year to date total is \$27.5M

Services Needed

Design Phase Services

- Geotechnical & Survey
- Environmental and Regulatory Compliance
- Preliminary and Final Design
 - Linear Projects
 - Facility Planning
 - Treatment
 - Booster and Lift Stations

Construction Phase Services

- Prime/General Contractor
- Specialty Inspection
- Geotechnical and Materials Testing
- Survey Staking
- Environmental and Regulatory Compliance
- Labor Compliance and Partnering Facilitators



Upcoming Construction Projects

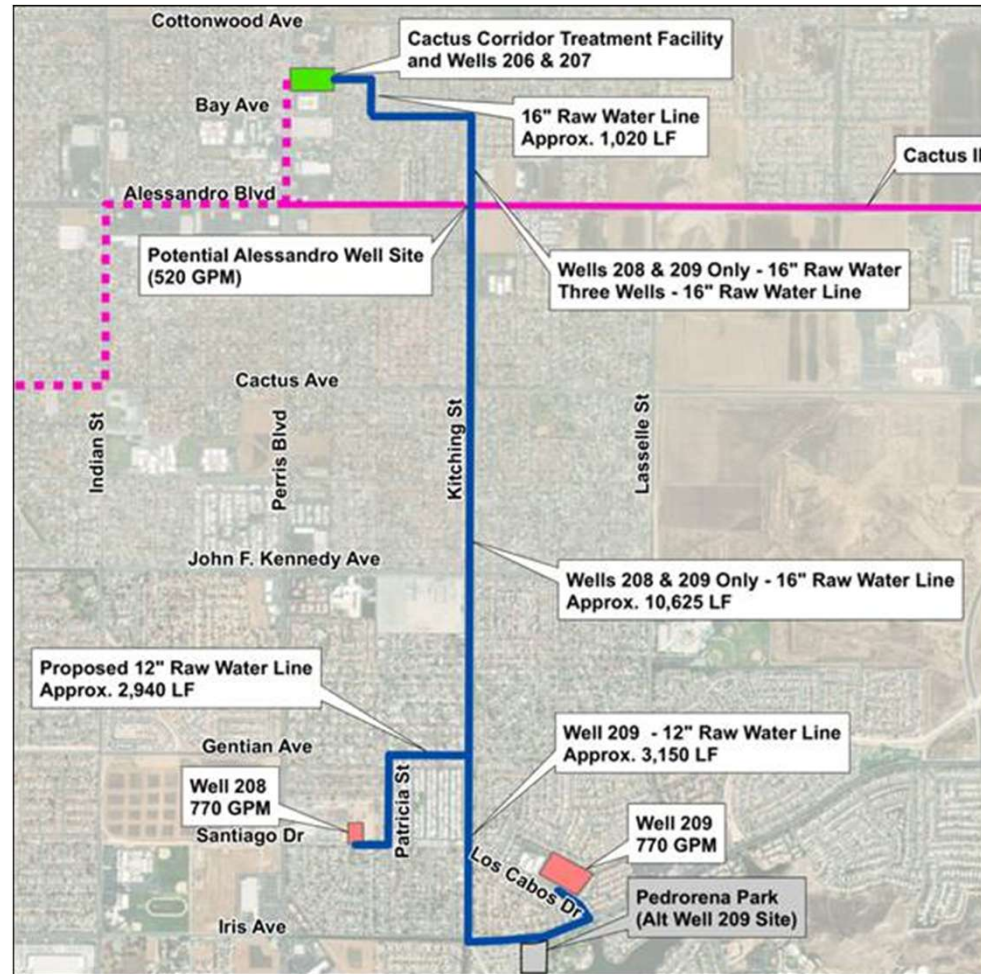
Upcoming Construction Projects for the Next Six Months

Estimated Construction Cost

• Perris North Program (Pre-qualification pending – 3 projects)	\$50,000,000
• Newport Lift Station Piping Replacement	\$1,200,000
• Cactus II Feeder Phase 1	\$7,500,000
• French Valley Recycle Water Pipeline Phase II	\$1,300,000
• MVRWRF Air Line Rehabilitation	\$1,400,000
• TVRWRF Stormwater Improvements	\$1,700,000
• Warm Springs Sewer Crossing Erosion Mitigation	\$1,500,000
• Citrus II Tank Interior Recoat	\$1,400,000
• Kalmia Tank Interior Recoat	\$320,000
• Lower Las Brisas Tank Interior Recoat	\$770,000
• Manzanita I Tank Interior Recoat	\$300,000
• Contour Tank Interior Recoat	\$240,000
• Day Street Lift Station Wet Well Piping Replacement	\$1,600,000
• Hewitt and Evans Groundwater Treatment Facility	\$5,000,000
• Judson Tank Site Grading and Civil Work	\$1,200,000
• Pettit Regulated Pressure Zone	\$1,700,000

North Perris Groundwater Basin Program

- Groundwater Contamination Prevention and Remediation
- \$116M Program
- \$45M Prop 1 Grant Award
- Program Elements
 - Extraction Wells
 - Monitoring Wells
 - Treatment Wells
 - Treatment Facilities
 - Blending Stations
 - Pipelines
- Schedule
 - Three construction projects to bid in Fourth Quarter of 2021



Upcoming Project Development Support Services Opportunities

Water Pipelines

- 1650 PZ Realignment and Pipelines
- Brackish Water Transmission Pipeline Phase 2
- Briggs Road Water Pipeline
- Goetz Road Transmission Pipelines
- Leon Road Transmission Mains
- Menifee Road Water Pipeline (PVEPW-102)
- Nuevo Road Potable Water Pipeline
- Scott Road Gap Transmission Pipeline
- State Street Pipeline Replacement
- Sun City Leaky Pipeline Replacement Phase 3
- Sun City Leaky Pipeline Replacement Phase 4
- Western Way Transmission Pipeline

Upcoming Project Development Support Services Opportunities

Water Conveyance

- Bautista I Booster Station Upgrade
- Craig Booster Station Expansion – Phase I
- Ellis Booster Pump Station Replacement
- Judson 2.2 MG Tank
- Goetz Road 8 MG Tank
- Murrieta Road Inline Booster Pump Station Replacement-RFP out, preproposal 4/7
- Nuevo 4.6 MG Tank and Pipeline
- Redlands and Locust Booster Station Improvements
- Matthews Booster Pumping Station
- Various Tank Rehab/Coating (Interior/Exterior) Projects
- Western Way Booster Pumping Station

Upcoming Project Development Support Services Opportunities

Wastewater

- MVRWRF Plant 2A Rehabilitation Design
- PVRWRF Sidestream Treatment
- Cawston Lift Station Siting Study
- San Jacinto River Crossing Feasibility Study

Recycled Water

- PWR – Advance Water Treatment Facility
- PWR – Conveyance Pipelines and Blending Facility
- Murrieta Hot Springs Road Crossing

Construction Management

- Diaz Lift Station
- Warm Springs Lift Station

How we do Business

Administrative Principles

- ✓ Fair, Open and Competitive Practices
- ✓ Greatest Value for EMWD's Rate Payers
- ✓ Service Providers Outreach and Education in Competing for Contract Opportunities
 - ✓ Annual Business Outreach Luncheon Contact:
Allan Freetage, Public Affairs Specialist
(951) 928-7777 Ext. 4226

Solicitation Processes

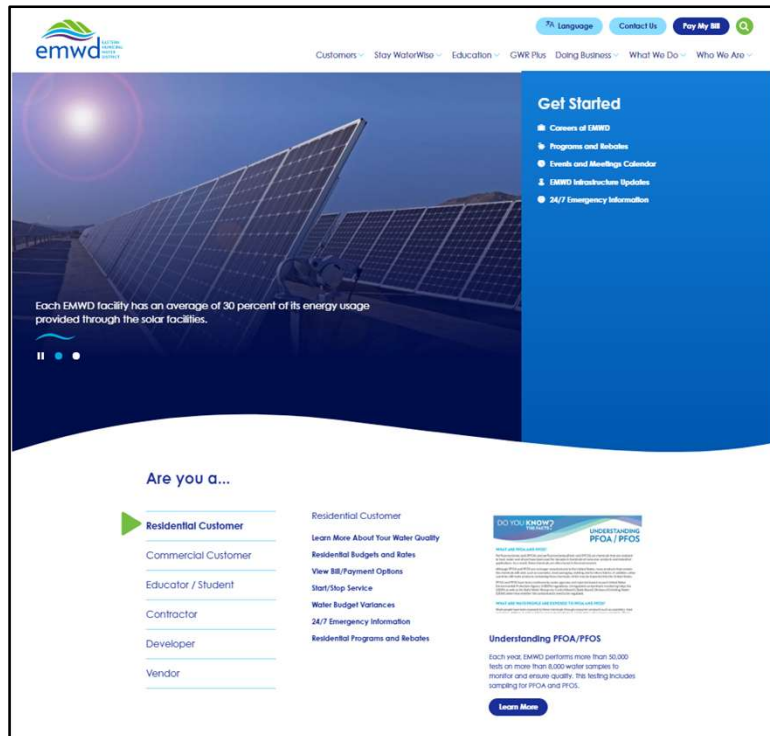
- Request for Quotation (RFQ)
- Request for Bid (RFB)
- Request for Proposals (RFP)
- Request for Qualifications (RFQ)

Contracting Types

- Purchase Orders
- Blanket Agreements
- Master Contracts/Agreements
- Contracts

For More Information

- Visit www.emwd.org
 - New Construction: Doing Business/Construction
 - Goods, Materials, Services and Equipment: Doing Business/Vendors





Contact Information

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