

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Bay Delta

| Template Type   | Org/Vendor/Provider              | Description   | Budget           | Proposed         | Proposed Plus One |
|---|----------------------------------|---|------------------|------------------|-------------------|
| Memberships   | Board for Professional Engineers | Prof. Engineering License Renewal (Biennial)                  |                  | 230              | 345               |
|   | CWEMF                            | Annual Membership   |                  | 2,500            | 2,500             |
|   | CWEMF                            | Annual Membership (CWEMF) & Others                            | 2,500            |                  |                   |
|   | Prof. Licensing                  | Prof. Engineering License Renewal (Biennial)                  | 345              |                  |                   |
|   | Various                          | Annual Membership (CWEMF) & Others                            | 1,725            |                  |                   |
|   | Various                          | Annual Memberships - Prof. Organizations                      |                  | 1,525            | 1,385             |
|   | Various                          | Open Access Publications for Science Manuscripts              |                  | 12,800           | 32,000            |
| <b>Total Memberships</b>                                  |                                  |   | <b>4,570</b>     | <b>17,055</b>    | <b>36,230</b>     |
| Professional Services                                     | Hydrofocus                       | Inspection Trip Support                                       |                  | 70,000           | 70,000            |
|   | Various                          | Consulting Services   |                  | 3,247,408        | 2,813,216         |
|   | Various Consultants              | Consulting Services   | 4,525,000        |                  |                   |
| <b>Total Professional Services</b>                        |                                  |   | <b>4,525,000</b> | <b>3,317,408</b> | <b>2,883,216</b>  |
| Repairs & Maintenance - Outside Services                  | TBD                              | Boat Launch Fees  | 600              |                  |                   |
|   | TBD                              | Plotter Repairs/Maintenance                                   | 500              | 700              | 700               |
| <b>Total Repairs &amp; Maintenance - Outside Services</b> |                                  |   | <b>1,100</b>     | <b>700</b>       | <b>700</b>        |
| Training  | TBD                              | Technical Training for Staff                                  |                  | 4,615            | 4,660             |
|   | TBD                              | Various Trainings for Staff                                   | 3,750            | 300              | 300               |
| <b>Total Training</b>                                     |                                  |   | <b>3,750</b>     | <b>4,915</b>     | <b>4,960</b>      |
| Travel  | Various                          | BDI Staff Travels to Sacramento/LA for meetings & conferences | 173,294          | 285,951          | 204,312           |
| <b>Total Travel</b>                                       |                                  |   | <b>173,294</b>   | <b>285,951</b>   | <b>204,312</b>    |
| <b>Total Bay Delta</b>                                    |                                  |   | <b>4,707,714</b> | <b>3,626,029</b> | <b>3,129,418</b>  |

## Chief Administrative Officer Group

| Template Type | Org/Vendor/Provider  | Description       | Budget | Proposed | Proposed Plus One |
|---------------|--|-------------------|--------|----------|-------------------|
| Memberships   | 1103/ASCE: American Society of Civil Engineers                 | MH(Annual)        | 280    |          |                   |
|               | 1103/ASIS/OC CHAPTER: American Society for Industrial Security | TB                | 20     |          |                   |
|               | 1103/ASIS: American Society for Industrial Security            | DC                | 195    |          |                   |
|               | 1103/ASIS: American Society for Industrial Security            | DJ                | 195    |          |                   |
|               | 1103/ASIS: American Society for Industrial Security            | EA                | 195    |          |                   |
|               | 1103/ASIS: American Society for Industrial Security            | KH                | 195    |          |                   |
|               | 1103/ASIS: American Society for Industrial Security            | MH                | 195    |          |                   |
|               | 1103/ASIS: American Society for Industrial Security            | MS                | 195    |          |                   |
|               | 1103/ASIS: American Society for Industrial Security            | TB                | 195    |          |                   |
|               | 1103/AWWA  | AWWA: MH          | 101    |          |                   |
|               | 1103/AWWEE (Assoc of Women in Water, Energy & Environment)"    | AWWEE: MH         | 20     |          |                   |
|               | 1103/CMA: California Metal Investigation Association           | KH for department | 200    |          |                   |
|               | 1103/PPP: Certified Protection Professional                    | KH                | 75     |          |                   |
|               | 1103/PPP: Certified Protection Professional                    | MH                | 75     |          |                   |
|               | 1103/PPP: Certified Protection Professional                    | MS                | 75     |          |                   |
|               | 1103/PPP: Certified Protection Professional                    | TB                | 75     |          |                   |
|               | 1103/Private Investigators Licence                             | MS                | 125    |          |                   |
|               | 1103/Private Investigators Licence                             | TB                | 125    |          |                   |

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|---------------------------------|---|--|--------|----------|-------------------|-------|
| Memberships                     | 1103/Various Vendors  | other resources to enhance Security Management   | 159    |          |                   |       |
|                                 | ACES: The Society for Editing   | ACES: The Society for Editing is an alliance of editors working to promote language, grammar, and accuracy with an annual conference and valuable resources.   |        | 200      | 200               |       |
|                                 | AIIM  | The AIIM membership is frequently used as resource tool for industry best practices in the area of Records Management, ECM, IG, and other related topics.  | 200    |          |                   |       |
|                                 | AWWA  | American Water Works Association   |        | 130      | 130               |       |
|                                 | American Institute of Certified Planners (AICP)   | American Institute of Certified Planners (AICP)  | 700    | 800      | 800               |       |
|                                 | Association for Commuter Transportation   | Professional organization that provides information on trends and innovations to enhance efficiency and effectiveness of rideshare program. Opportunities for networking capabilities, receive updated information on upcoming conferences, events and webinars, and receive updated transportation newsletters. | 900    |          |                   |       |
|                                 | Association for Image and Information Management (AIIM)   | Professional membership to a national organization that provides education, research, best practices and strategies for enterprise content management, e-discovery, and email management. Team Membership.   |        |          | 1,500             |       |
|                                 | Association for Image and Information Management (AIIM)   | Professional memberships to a national organization that provides education, research, best practices and strategies for enterprise content management, e-discovery, and email management. Team Membership.  |        | 1,500    |                   |       |
|                                 | Association for Image and Information Management (AIIM)   | Three (3) renewal professional memberships to a national organization that provide education, research, best practices and strategies for enterprise content management, e-discovery, and email management, at \$169.00 each. Principal Administrative Analysts and Team Manager.                                | 500    |          |                   |       |
|                                 | Association for Intelligent Information Management Membership (AIIM)  | Association for Intelligent Information Management Membership (AIIM)   |        |          | 200               | 200   |
|                                 | Association of Commuter Transportation  | Professional organization that provides information on trends and innovations to enhance efficiency and effectiveness of Rideshare program   |        |          | 1,200             | 1,200 |
|                                 | Association of Environmental Professionals  | Provide updated information on environmental laws and issues   | 900    | 950      | 950               |       |
|                                 | Association of Records Management and Administrators (ARMA)   | Association of Records Management and Administrators (ARMA). Team Membership.  |        |          | 1,500             |       |
|                                 | Association of Records Management and Administrators Team (ARMA)  | Association of Records Management and Administrators Team Membership (ARMA). Team Membership.  |        |          |                   | 1,500 |
|                                 | Association of Records Managers and Administrators Membership (ARMA)  | Association of Records Managers and Administrators Membership (ARMA)   |        |          | 200               | 200   |
|                                 | CAPPO   | CA Assoc of Public Procurement Officials   | 130    | 300      | 300               |       |
|                                 | California Association Of Public Purchasing Officials   | "Provides training, information and state regulations for public procurement officials"  | 700    | 2,000    | 2,000             |       |
|                                 | California Association Of Public Purchasing Officials   | B. Calmes and D. Morioka California Association Of Public Purchasing Officials   |        | 300      | 300               |       |
|                                 | California Association Of Public Purchasing Officials   | California Association Of Public Purchasing Officials  | 300    |          |                   |       |
|                                 | California Bar Fees   | Required by the State of California for technical knowledge in Environmental Planning  | 900    | 1,200    | 1,200             |       |
|                                 | California Native Plant Society   |  |        | 50       | 50                |       |
|                                 | California Natural Diversity Database   | Access to online database concerning multi-species codes/guidelines  | 400    | 400      | 400               |       |
|                                 | Ecological Society of America   | Ecological Society of America  | 150    | 160      | 160               |       |
|                                 | Grants  | Various Grant Membership   | 170    | 170      | 170               |       |
|                                 | Institute for Supply Management (ISM)   | Membership - Cristian Pesantes   |        | 200      | 200               |       |
|                                 | International Procurement of Excellence   | Professional Association - O. FREEMAN & P. LAN   |        | 400      | 400               |       |
|                                 | NIGP  | The Institute for Public Procurement   | 100    |          |                   |       |
|                                 | NIGP  | The National Institute for Public Procurement  |        | 300      | 300               |       |
|                                 | National Contract Management Assoc (NCMA)   | B. Calmes membership   |        | 200      | 200               |       |
|                                 | National Institute of Governmental Purchasing   | "Provides training, information and state regulations for public procurement officials"  | 800    | 600      | 600               |       |
|                                 | National Institute of Governmental Purchasing   | "Provides training, resource library, certification and monitors changes in federal or state regulation of public purchasing functions"  | 200    |          |                   |       |
|                                 | National Institute of Governmental Purchasing   | B. Calmes "Provides training, resource library, certification and monitors changes in federal or state regulation of public purchasing functions"  |        | 200      | 200               |       |
| Oracle Applications Users Group | "Membership in Oracle User group which provides training, resources, and contacts for Oracle"                 | 1,000  |        |          |                   |       |
| Oracle Applications Users Group | District Wide - "Membership in Oracle User group which provides training, resources, and contacts for Oracle" |  | 1,000  | 1,000    |                   |       |



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|-----------------------------|--|--|---------------|---------------|-------------------|
| Memberships                 | Pest Control License   | Technical knowledge in Pest Control  | 150           |               |                   |
|                             | Professional Wetland Scientist   |  | 300           |               |                   |
|                             | Registered Professional Archaeologist  |  |               | 200           | 200               |
|                             | Required by the California Environmental Quality Act   | Required by the California Environmental Quality Act   | 300           |               |                   |
|                             | Society for Technical Communication  | "Access to technical writing tools, seminars and a network communication as well as professional journals, education and discounts for print media and software"   | 400           | 400           | 400               |
|                             | Society of California Archivists   | Two (2) institutional memberships to provide training on preservation and restoration of historical documents including paper, electronic and photographic media at \$75.00 each. Senior Administrative Analyst and Administrative Assistant II (Succession) | 200           |               |                   |
|                             | Society of California Archivists (SCA)   | One (1) institutional membership to provide training on preservation and restoration of historical documents including paper, electronic and photographic media.   |               | 200           | 200               |
|                             | Southern California Botanists  |  |               | 26            | 26                |
|                             | The Institute for Public Procurement   | Professional Association - P. LAN  |               | 100           | 100               |
|                             | Various  | Grants Management Program  | 100           | 100           | 100               |
|                             | WERC   | Warehousing and Education Research Council   | 300           | 300           | 300               |
|                             | Warehouse Ed & Research  | C. Pesantes - Membership in Warehouse Education and Research Council   |               | 300           |                   |
|                             | Warehouse Ed & Research  | Membership in Warehouse Education and Research Council   | 900           |               | 300               |
|                             | Warehouse Ed & Research  | R. Corral - Membership in Warehouse Education and Research Council   |               | 300           | 300               |
|                             | Warehouse Ed & Research  | S. Nalawangsa - Membership in Warehouse Education and Research Council   |               | 300           | 300               |
|                             | Warehouse Education and Research Council   | Ben Calmes - Membership in Warehouse Education and Research Council  |               | 300           | 300               |
|                             | Warehouse Education and Research Council   | Membership in Warehouse Education and Research Council   | 300           |               |                   |
|                             | Wildlife Society   |  |               | 83            | 83                |
|                             |  |  | 5,000         | 4,500         | 5,000             |
| <b>Total Memberships</b>    |  |  | <b>18,695</b> | <b>21,269</b> | <b>21,769</b>     |
| Outside Services - Non Prof | Storetrieve - Lid-Flipping Project   | Records processing and disposition after "lid-flip" assessment of over-retained records in off-site storage.   |               | 45,000        |                   |
|                             | 1103/Johnson Controls, Inc.  | Provider routine maintenance Service for the Base Equipment (card readers and door contacts and cameras.   | 779,000       | 779,000       | 779,000           |
|                             | 1103/Securitas   | Security Services for Seismic HQ upgrade   | 330,000       | 330,000       | 330,000           |
|                             | 1103/Securitas Security services   | "Preventive and Remedial Maintenance Service for the security equipment, not to exceed \$6.9 mil."   | 7,640,000     | 8,900,000     | 8,900,000         |
|                             | Access   | Shredding Services   |               |               | 20,000            |
|                             | Access   | Shredding Services   |               | 20,000        |                   |
|                             | Bio-Social   | Biohazard Clean up.  |               | 50,000        | 50,000            |
|                             | ChargePoint  | ChargePoint Network services to maintain charging ports  | 9,700         |               |                   |
|                             | ChargePoint, Inc.  | ChargePoint Network services to maintain (2) charging ports at Diemer Plant C&D location   |               | 5,000         |                   |
|                             | ChargePoint, Inc.  | ChargePoint Network services to maintain charging ports @ 3 Sites with a total of 16 ports for a 3-year period   |               |               | 19,000            |
|                             | DMC  | Microfilm and Imaging Services   |               | 7,200         | 7,200             |
|                             | Dun & Bradstreet   |  | 10,000        | 5,200         | 5,200             |
|                             | ECM Backfile Conversion  | Scanning and Digitizing documents as part of ECM project   | 1,233,900     |               |                   |
|                             | Goodwill Southern California   | Secure document shredding and media destruction services   | 1,000         |               |                   |
|                             | Luna   | Archival scanning support for photographs and maps   | 1,000         |               |                   |
|                             | Luna Imaging Services  | Archival scanning support for photographs and maps   |               | 1,000         | 1,000             |
|                             | Nestles  | Bottled Water for Warehouse  | 700           | 1,000         | 1,000             |
|                             | Nestles  |  |               | 400           | 400               |
|                             | Pacific Title Archives   | Archival imaging services for historical records, projects and drawings.   | 8,800         |               |                   |
|                             | Pacific Title Archives   | Off-site climate preservation services for Media   |               | 8,800         | 8,800             |
|                             | Periscope  |  | 600           | 600           | 600               |
|                             | PlanetBids   |  | 51,000        | 58,300        | 58,300            |
|                             | ScanTastick or Canon   | Software Support & Maintenance (with preventive maintenance added)   | 2,500         |               |                   |
| Storetrieve                 | "Offsite storage of paper documents and historical records requiring special handling. Includes storage of Engineering drawings, specifications and paper records from all organizations within the District." | 152,800  |               |               |                   |

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|---|--|--|-------------------|-------------------|-------------------|
| Outside Services - Non Prof                               | Storetrieve - Lid-Flipping Project                                   | Records processing and disposition after "lid-flip" assessment of over-retained records in off-site storage.   |                   |                   | 45,000            |
|   | Storetrieve and TBD  | Storage costs for off-site storage cost plus the cost to move from current to new vendor.  |                   | 515,000           |                   |
|   | TBD  | Refurbish scrap metal and E-Waste Bins/Paint and New Lids There is an issue with mixing scrap metal and E-Waste. Painting different colors would help alleviate the issue. Also lids prevent light loose scrap from blowing away |                   | 20,000            |                   |
|   | TBD off-site storage vendor  | Storage costs for off-site storage.  |                   |                   | 245,000           |
|   | The MicroImage Company - MCO   | Performs microfilming and scanning for special projects and drawings that require expertise not available in-house such as the scanning of Plan and Profile drawings and renaming of scanned drawing file names                  | 7,200             |                   |                   |
|   | Various  | Miscellaneous Outside Services   |                   | 20,000            | 20,000            |
|   | ViaTRON  | Scanning Services  |                   | 20,000            | 20,000            |
|   |  |  |                   | 5,000             | 5,000             |
| <b>Total Outside Services - Non Prof</b>                  |  |  | <b>10,233,200</b> | <b>10,791,500</b> | <b>10,515,500</b> |
| Professional Services                                     | Consultants: On-call General and Technical Environmental Consultants | "Technical/environmental services: WSO repairs/maintenance, CEQA permitting, Bay-Delta conservation plan support,water transfers,Foothill feeder monitoring, shutdowns. Reduced back to orginal amount."                         | 700,000           | 1,600,000         | 1,400,000         |
|   | E-CIVIS  | Consulting Service for Grants  | 11,000            | 11,000            |                   |
|   | E-Civis  | Consulting Service for Grants  |                   |                   | 11,000            |
|   | Gawain Weaver Agreement  | Media preservation consulting services   |                   | 3,000             | 3,000             |
|   | ORACLE   | Development of Procurement Contracts Module  |                   | 150,000           |                   |
|   | Oracle   | MyWarehouse Oracle Interface   | 50,000            |                   |                   |
|   | TBD  | Development of Procurement Related Training Modules (3 module)   |                   | 10,000            | 10,000            |
|   | TBD  |  | 12,900            |                   |                   |
|   | Various  | Consulting Services for Grant Writing  | 100,000           | 100,000           | 100,000           |
|   |  | discretion of chairman   | 50,000            |                   |                   |
|   |  |  | 50,000            | 50,000            |                   |
| <b>Total Professional Services</b>                        |  |  | <b>923,900</b>    | <b>1,924,000</b>  | <b>1,574,000</b>  |
| Repairs & Maintenance - Outside Services                  | 1103/various   | General Repair/Maint services  | 1,200             | 1,200             | 1,200             |
|   | MyBinding Service Warranties   | (2) MyBinding Service Warranties   |                   | 3,100             | 2,000             |
|   | Various  | On call maintenance and repair of for finishing and bindery equipment not under an annual maintenance agreement  | 2,000             |                   |                   |
| <b>Total Repairs &amp; Maintenance - Outside Services</b> |  |  | <b>3,200</b>      | <b>4,300</b>      | <b>3,200</b>      |
| Sponsorships  | Metro  | Metro/Rideshare Mobility Fall Marketing Workshop to increase exposure and network with other companies for Rideshare program   |                   | 2,000             | 2,000             |
| <b>Total Sponsorships</b>                                 |  |  |                   | <b>2,000</b>      | <b>2,000</b>      |
| Training  | Association for Intelligent Information Management Membership (AIIM) | Association for Intelligent Information Management Membership (AIIM)   |                   | 1,200             | 1,200             |
|   | Society of California Archivists (SCA)                               | (1) Society of California Archivists (SCA) Conference  |                   |                   | 500               |
|   | 1103/various   | Security Education/Updates   | 6,000             | 8,000             | 8,000             |
|   | ACES   | ACES - Society for Editors   |                   |                   | 400               |
|   | AEP NEPA Training  | Technical knowledge: provides valuable information to help in the preparation of MWD first NEPA document.  |                   | 175               | 175               |
|   | AEP NEPA Training  | Technical knowledge: provides valuable information to help in the preparation of MWD first NEPA document.  | 175               |                   |                   |
|   | AEP SCAQMD Annual Update   | Technical knowledge: Annual update on SCAQMD rules/regulations   | 20                | 20                | 20                |
|   | AIIM   | Association of Image & Information Management (AIIM) on line training on Enterprise Content Management (ECM) for one staff member.   | 600               |                   |                   |
|   | AWWA   | (6) Water Education Seminar  |                   | 600               | 700               |
|   | AWWA   | American Water Works Association   |                   | 1,500             | 2,100             |
|   | Annual California Native Plant Society Workshops                     | Technical workshops: assess and mitigate impacts to sensitive plants and plant communities; invasive plant controls; and restoring rare plant populations; along with getting case studies                                       |                   | 1,200             | 1,200             |
|   | Annual California Native Plant Society Workshops                     | Technical workshops: assess and mitigate impacts to sensitive plants and plant communities; invasive plant controls; and restoring rare plant pupulations; along with getting case studies                                       | 1,200             |                   |                   |
|   | Articulate/Prezi   | Continue acces to the Articulate and Prezi tools for training  | 1,500             | 1,500             | 1,500             |
|   | Association of Commuter Transportation                               | Professional organization that provides information on trends and innovations to enhance efficiency and effectiveness of rideshare program.  | 3,500             | 3,500             | 3,500             |
| Association of Image & Information Management (AIIM)      | (3) Association of Image & Information Management (AIIM) Conference  |  |                   | 3,000             |                   |

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|---------------|---|--|--------|----------|-------------------|
| Training      | Association of Image & Information Management (AIIM)                    | (3) Association of Image & Information Management (AIIM) Conference  |        | 3,000    |                   |
|               | Association of Records Management Administrators (ARMA)                 | (3) Association of Records Management and Administrators (ARMA) Conference   |        | 3,000    | 3,000             |
|               | Association of Records Management Administrators (ARMA)                 | One (1) Three (3) day Annual Conference, North America, base registration \$1,870 each, Principal Administrative Analysts or Team Manager  | 1,900  |          |                   |
|               | CA Association of Environmental Professionals CEQA Workshop Southern CA | "Technical training: new laws, court cases, and strengthens EPT's ability to provide strong CEQA support to MWD projects and activities"   | 400    | 400      | 400               |
|               | CA Preservation Foundation Workshop                                     | Technical workshop: focuses of various preservation topics including the use, maintenance, and preservation of historic structures.  | 200    | 200      | 200               |
|               | CALIFORNIA ASSOCIATION OF PUBLIC PURCHASING OFFICIALS                   | CAPPO CONFERENCE TRAINING SESSION  |        | 1,000    | 1,000             |
|               | CAPPO   | CAPPO  | 400    |          |                   |
|               | CAPPO   | California Association of Public Procurement Officials   |        | 500      | 500               |
|               | CEQA Workshop Series-Local  | Technical knowledge: CEQA current information and trends   | 2,000  | 3,125    | 3,125             |
|               | Desert Tortoise Training  |  |        | 350      | 350               |
|               | Fiery Expert Certification  | (3) Fiery Expert Certification is the perfect way for print professionals to gain practical understanding that helps optimize the performance of EFI™ technology solutions to transform print businesses, and empower success. |        | 2,300    |                   |
|               | LCR MSCP - Colorado River Aquatic Biologists Meeting                    | Technical knowledge: general fisheries and aquatic-related discussions relative to a common river system   | 25     | 25       | 25                |
|               | LCR MSCP - Colorado River Terrestrial and Riparian Species Workshop     | Technical knowledge: native restoration and natural resources monitoring and research  | 25     | 25       | 25                |
|               | Law Seminars International  | Technical seminars: planning and CEQA practitioners on topics related to EPT staff duties  | 1,400  | 1,400    | 1,400             |
|               | Leslie Marrel / Various   | Enhance training opportunities for team members  |        | 3,000    | 3,000             |
|               | Leslie Marrel / Various   | Training for service contracts and advancements  |        | 500      | 500               |
|               | NATIONAL INSTITUTE OF GOVERNMENTAL PURCHASING (NIGP)                    | NIGP SEMINARS  |        | 900      | 900               |
|               | NCMA  | NCMA seminars  |        | 300      | 300               |
|               | NIGP  | National Institute for Public Procurement  | 1,000  | 1,000    | 1,000             |
|               | NIGP  | Registration for various training including NIGP forum   | 900    | 900      | 900               |
|               | Oracle  | Oracle training for Inventory Module   |        | 1,000    | 1,000             |
|               | Society of Archivist  | " 3-day training on archiving , digital records management, disaster preparedness, and being efficient. The exact topics vary year to year - Records Management and Imaging Services Team.                                     | 200    |          |                   |
|               | Society of California Archivists (SCA)                                  | (1) Society of California Archivists (SCA) Conference  |        | 500      |                   |
|               | Specialized Wetlands Training   | Technical knowledge: Support permitting activities including: wetland delineations, bio assessments, permit application and other regulatory compliance  | 1,750  |          |                   |
|               | TBD   | "CAPPO, NIGP and Other training"   | 3,900  |          |                   |
|               | TBD   | Team Building Exercise   |        | 1,000    | 1,000             |
|               | TBD   | Training for staff   | 600    |          |                   |
|               | TBD   | Webinar trainings  | 3,500  |          |                   |
|               | Technical Seminars/Various Topics                                       | "Technical knowledge: maintenance of staff DHS certifications, desalination, microfiltration, sustainability, reliability, WTP design"   |        | 1,000    | 1,000             |
|               | Technical Serminars/Various Topics                                      | "Technical knowledge: maintenance of staff DHS certifications, desalination, microfiltration, sustainability, reliability, WTP design"   | 800    |          |                   |
|               | VARIOUS   | SPECIALIZED PROCUREMENT TRAINING   |        | 2,000    | 2,000             |
|               | Various   | "ARMA, AIIM and various other industry organizations' seminars and regular meetings"   | 500    |          |                   |
|               | Various   | ARMA, AIIM, and various other industry organizations' seminars and regular meetings.   |        | 500      | 500               |
|               | Various   | Various grant training for Pr AA   | 2,000  |          |                   |
|               | Various   | Various training for Pr AA and Sr AA for Workskill Assessment  | 2,000  |          |                   |
|               | Various   | Various training for Principal Administrative Analyst  |        | 4,000    | 1,500             |
|               | Various   | Various training for Section Mgr   | 2,000  | 4,000    | 4,000             |
|               | Various Webinars  | Various Managerial Webinars  |        | 500      | 500               |
|               | WERC  | External WERC training   | 600    |          |                   |
|               | WERC  | WERC training  |        | 1,200    | 1,200             |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Chief Administrative Officer Group

| Template Type                               | Org/Vendor/Provider   | Description   | Budget        | Proposed      | Proposed Plus One |
|---|---|---|---------------|---------------|-------------------|
| Training                                    | Wetlands Training Institute   | Technical knowledge: regulatory issues regarding wetlands and yearly updates  | 1,500         | 1,500         | 1,500             |
|   |   |   | 6,000         | 5,000         | 6,000             |
| <b>Total Training</b>                       |   |   | <b>46,595</b> | <b>61,820</b> | <b>59,120</b>     |
| Travel                                      | Association of Records Managers and Administrators (ARMA)   | Association of Records Managers and Administrators (ARMA) Conference  |               |               | 2,500             |
|   | 1103/Meals  | Per Diem for meals  | 1,577         | 1,600         | 1,600             |
|   | 1103/Mileage  | Travel associated for Security needs  | 100           | 100           | 100               |
|   | 1103/Travel Expenses  | Per Diem for travel related to Security investigations/management   | 6,640         | 28,300        | 28,300            |
|   | ACES: The Society for Editing   | Gain practical, hands-on education that improves editing skills, learn about the latest trends in language, style, and usage, and network with peers from across the world. |               |               | 1,500             |
|   | ACES: The Society for Editing   | Gain practical, hands-on education that improves editing skills, learn about the latest trends in language, style, and usage, and network with peers from across the world. |               | 1,500         |                   |
|   | AEP Conference  | "Technical knowledge: environmental issues related to CEQA, NEPA, ESA and environmental law"  | 2,400         | 10,800        | 10,800            |
|   | APA California Chapter Conference   |   |               | 1,000         | 1,000             |
|   | APA National Conference   |   |               | 1,300         | 1,300             |
|   | AWWA  | American Water Works Association  | 4,000         | 4,000         | 4,000             |
|   | American Planning Association Conference  | Provides staff with knowledge dealing with various planning and policy topics on a variety of environmental issues  | 1,300         | 1,300         | 1,300             |
|   | Annual California Native Plant Society Conservation Conference  | Technical knowledge: current statewide trends on restoration efforts & strategies on controlling invasive plants  | 800           |               | 1,000             |
|   | Association for Intelligent Information Management (AIIM)   | (3) Association for Intelligent Information Management (AIIM) Conference  |               | 7,500         | 7,500             |
|   | Association of Commuter Transportation  | Assoc for Commuter Transportation Conference Travel Expense   |               | 5,300         | 5,300             |
|   | Association of Intelligent Information Management (AIIM)  | Association of Intelligent Information Management (AIIM) Conference (Dallas)  |               | 2,500         |                   |
|   | Association of Records Management Administrators (ARMA)   | (3) Association of Records Managers and Administrators (ARMA) Conference  |               | 7,500         | 7,500             |
|   | Association of Records Management Administrators (ARMA)   | Travel expenses to attend 3-day training for Principal Admin. Analysts or Team Manager. Estimate Airfare \$1,050, Hotel \$600, and meals \$150.                             | 1,900         |               |                   |
|   | Business Meetings on Northern CA/SWP Programs   | Technical knowledge: Consult with local/state/federal agencies on water transfers, exchanges and related issues   | 2,500         | 2,500         | 2,500             |
|   | Business Meetings/CEQA Workshops  | "Technical knowledge: Provide staff with expertise on a variety of CEQA-related information"  | 400           | 400           | 400               |
|   | Business Meetings/CRA Programs & CEQA Meetings  | "Technical knowledge: CRA Programs, pending legislation issues related to CEQA & ESA"   | 1,500         | 1,500         | 1,500             |
|   | Business Meetings/State/Federal Agencies  | "Technical knowledge: Quagga mussel controls and O&M permitting, environmental clearance"   | 1,500         | 1,500         | 1,500             |
|   | CA Association of Environmental Professionals Conference  | "Technical knowledge of issues impacting CEQA, NEPA, ESA, and other environmental laws"   | 5,000         |               |                   |
|   | CA Preservation Foundation Conference   | Provide staff with current information on various preservation topics   | 1,500         | 300           | 300               |
|   | CA Water Policy Conference  | Provides staff with new ideas and perspectives on California's water supply challenges  | 800           | 1,200         | 1,200             |
|   | CA Weed Science Society Conference  | Provides staff with knowledge dealing with various weed science and technology issues   | 600           | 600           | 600               |
|   | CAPPO   | CAPPO - NORTH (4)   |               | 4,400         |                   |
|   | CAPPO   | CAPPO - South (4)   |               |               | 2,800             |
|   | CAPPO   | CAPPO CONFERENCE (2)  |               | 2,000         |                   |
|   | CAPPO   | California Association of Public Procurement Officials  | 2,000         | 2,500         | 2,500             |
|   | CAPPO   | LODGING - CAPPO Conference (2)  |               |               | 2,000             |
|   | CAPPO   | MEALS - CAPPO CONFERENCE (2)  |               | 100           |                   |
|   | CLE Endangered Species Conference   | Provides staff with state and federal level information towards endangered species  | 2,000         | 2,000         | 2,000             |
|   | California Bar Environmental Law Conference   | Provides staff with CEQA updates, regulatory reforms, Greenhouse Gas legislation and other environmental laws   | 1,500         | 1,500         | 1,500             |
| California Invasive Plant Council Symposium |   |   | 1,000         | 1,000         |                   |
| Desert Tortoise Training                    | Provides staff with knowledge regarding desert tortoise   | 200   | 600           | 600           |                   |
| Ecological Society Conference               | Provides staff with current information in the field of ecology and build relationships with federal, state, and municipal agencies | 1,500   | 1,500         | 1,500         |                   |

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| Template Type | Org/Vendor/Provider                             | Description  | Budget  | Proposed          | Proposed Plus One |                   |
|---------------|---|--|---------|-------------------|-------------------|-------------------|
| Travel        | Geological Society of America Annual Meeting    |  |         | 800               |                   |                   |
|               | Internal  | B. Calmes- Travel to Sacramento for DCA  |         |                   | 1,600             |                   |
|               | Internal  | B. Calmesr - Travel to Sacramento  |         | 1,600             |                   |                   |
|               | Internal  | Omar - Travel to Desert for cycle counts   |         | 800               | 800               |                   |
|               | Internal  | Omar - Travel to Sacramento for cycle counts and salvage   |         | 1,600             | 1,600             |                   |
|               | LCR MSP Conference                              | Technical knowledge: Provides Endangered Species Act compliance information at state and federal level   | 3,000   | 3,300             | 3,300             |                   |
|               | Law Center International                        | Technical knowledge: Provides background and technical training on CEQA, legislation, traffic, air emmissions and other environmental laws   | 1,200   | 1,200             | 1,200             |                   |
|               | Miscellaneous Travel Expenses                   | "Miscellaneous travel related expenses: mileage, parking, meals"   | 4,000   | 4,000             | 4,000             |                   |
|               | NIGP  | AIRFARE - Travel to NIGP Conference  |         | 500               | 500               |                   |
|               | NIGP  | LODGING- NIGP CONFERENCE   |         | 1,000             | 1,000             |                   |
|               | NIGP  | MEALS - NIGP CONFERENCE  |         | 300               | 200               |                   |
|               | NIGP  | National Institute for Public Procurement  | 3,000   | 3,000             | 3,000             |                   |
|               | NIGP  | CAR RENTAL - NIGP CONFERENCE   |         | 200               |                   |                   |
|               | National Institute of Governmental Purchasing   | B. Calmes - Travel for NIGP conference   |         | 1,900             | 1,900             |                   |
|               | National Institute of Governmental Purchasing   | Travel for NIGP conference   | 1,800   |                   |                   |                   |
|               | Navigating the Carbon World GHG Conference      |  |         | 2,000             |                   |                   |
|               | Oracle Applications Users Group                 | D. Morioka - Travel for OAUG conference  |         | 1,100             | 1,100             |                   |
|               | Oracle Applications Users Group                 | Travel for OAUG conference   | 1,100   |                   |                   |                   |
|               | Rideshare                                       | Guaranteed Ride Home Program (GRH)   |         | 200               | 200               |                   |
|               | Sacramento                                      | Travel to Sacramento Office  | 30,000  | 18,000            | 18,000            |                   |
|               | Society of California Archivists (SCA)          | "Travel expenses to attend 3-day training on archiving, digital records, management techniques, disaster preparedness and efficiencies. The conference projected to be in Northern California. Transportation \$705, Hotel=\$300; meals = \$150" | 1,200   |                   |                   |                   |
|               | Society of California Archivists (SCA)          | (1) Society of California Archivists (SCA)   |         | 1,200             | 1,200             |                   |
|               | Society of Vertebrate Paleontologists Meeting   |  |         | 1,100             | 1,100             |                   |
|               | Specialized Wetlands Training                   | Provides staff with knowledge dealing with wetland delineations, biological assessments, permit application preparation and other regulatory compliance  | 3,000   |                   |                   |                   |
|               | TBD   | "Site Visits to support procurement processes, and training"   | 500     |                   |                   |                   |
|               | TBD   | Assoc for Commuter Transportation Conference Travel Expense  | 4,500   |                   |                   |                   |
|               | TBD   | Projected mileage for employees who may have to use their own vehicles for business purposes. At 2017 rate of 55 cents/mile, this translates to approx. 370 miles  | 200     |                   |                   |                   |
|               | TBD   | Travel to Sacramento Office  | 10,000  |                   |                   |                   |
|               | USHQ  | Travel to USHQ   |         | 8,500             | 8,500             |                   |
|               | Various   | Miscellaneous travel expenses for various industry meetings and seminars   |         | 500               | 500               |                   |
|               | Various   | Travel Expenses for External Training (Parking, Meals, Mileage)  |         | 1,000             | 1,000             |                   |
|               | Various   | Travel expenses to attend various industry monthly meetings and seminars.  | 500     |                   |                   |                   |
|               | Western Urban Water Coalition (WUWC)            | Provides staff with opportunities to network with others in discussions regarding water challenges in Western U.S.   | 3,000   |                   |                   |                   |
|               | Wildlife Society Training                       |  |         | 500               | 500               |                   |
|               |   | Mileage for pre=proposal   | 100     | 100               | 100               |                   |
|               |   | Travel for warehouse personnel when they travel directly from home to alternate work locations or when pool vehicles are not available   | 2,500   | 2,700             | 2,700             |                   |
|               |   | Warehouse open house   |         | 2,300             | 2,300             |                   |
|               |   |  | 170,000 | 215,137           | 221,591           |                   |
|               | <b>Total Travel</b>                             |  |         | <b>279,317</b>    | <b>370,837</b>    | <b>373,491</b>    |
|               | <b>Total Chief Administrative Officer Group</b> |  |         | <b>11,504,907</b> | <b>13,175,726</b> | <b>12,549,080</b> |

## Chief Financial Officer

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| Template Type                    | Org/Vendor/Provider                           | Description   | Budget         | Proposed       | Proposed Plus One |
|----------------------------------|---|---|----------------|----------------|-------------------|
| Memberships                      | ACP   | Annual LA Chapter Membership  | 150            | 150            | 150               |
|                                  | Accounts Payable                              | Accounts Payable update publication   | 500            |                |                   |
|                                  | Accounts Payable                              | Institute of Financial Operations   |                | 1,000          | 1,000             |
|                                  | American Institute Of Certified Public Accoun | Annual Membership to AICPA - National professional organization                                 | 200            | 200            | 200               |
|                                  | BCI   | MBCP Certification/Annual Renewal   | 201            | 201            | 201               |
|                                  | BNA   | Payroll reference guide subscription on tax and benefit regulations                             | 1,800          |                |                   |
|                                  | BOE   |   | 200            |                |                   |
|                                  | Bank o f New York (Bony) Safekeeping          | Safekeeping \$1 Billion of investments  | 60,000         |                |                   |
|                                  | Bank of America merrill Lynch                 | General commercial banking services (includes 3rd party liability)                              | 50,000         |                |                   |
|                                  | Bloomberg L.P.                                | "Financial information service, estimated annual fees for 3 terminals"                          | 85,000         |                |                   |
|                                  | CSMFO   | Cal Society of Municipal Finance Officers   |                | 785            | 785               |
|                                  | California Energy Markets                     | Electronic newsletter   | 1,550          |                |                   |
|                                  | California Society of CPA'S                   | Annual Membership to Cal Society of CPA's for Controller  | 400            | 400            | 400               |
|                                  | Checkpoint                                    | Membership for training   |                | 2,400          | 2,400             |
|                                  | DRII  | MBCP Certification/Annual Renewal   | 225            | 225            | 225               |
|                                  | Dept of Consumer Affairs                      | CPA license 2-yr renewal  |                | 200            | 200               |
|                                  | Dept of Consumer Affiars                      | CPA license 2-yr renewal  | 800            | 200            |                   |
|                                  | Dept of Consumer Affiars                      | CPA license 2-yr renewal (6)  |                | 1,200          |                   |
|                                  | EBSCO Subscription Service                    | ENR Construction Cost Index - Construction Cost and Inflation Information                       | 100            | 100            | 100               |
|                                  | FT Interactive Data - Market Pricing          | Market pricing for Investment Portfolio (based on # of securities)                              | 1,800          | 1,800          | 1,800             |
|                                  | GFOA  | Best practice information on financial reporting & budgeting                                    |                | 1,350          | 1,350             |
|                                  | GFOA  |   | 700            | 700            | 700               |
|                                  | GFOA (3 members)                              | Best practice information on financial reporting & budgeting                                    | 900            | 800            | 800               |
|                                  | Government Finance Officers Assn.             | Application fee for filing the comprehensive annual financial report                            | 1,400          | 1,500          | 1,500             |
|                                  | Intelligence Press                            | Electronic newsletter   | 1,550          |                |                   |
|                                  | LARC  | Los Angeles Regional Collaborative  | 1,100          | 1,100          | 1,100             |
|                                  | LexisNexis Risk Solutions                     |   |                | 10,400         | 10,700            |
|                                  | Miscellaneous                                 | Miscellaneous   |                |                | 1,175             |
|                                  | Moody's KMV                                   | Access to credit analysis and risk exposure for power transaction (split with 8 other agencies) | 12,000         | 13,500         | 14,000            |
|                                  | PARMA   | Public Agency Risk Managers Association   | 400            | 400            | 400               |
|                                  | Platts  | Energy Trader Basic Service - for forward pricing and mark to market                            | 17,000         |                |                   |
|                                  | Rapid Rating                                  | Non public credit analysis  | 6,000          | 6,000          | 6,500             |
|                                  | Sunguard                                      | FIS - Maintenance of check printing software  | 2,200          |                |                   |
|                                  | Sympro  | "Investment Portfolio Management System; records, reports, and performa"                        | 14,000         | 15,000         | 15,000            |
| The American Payroll Association | Payroll membership                            | 800   | 800            | 800            |                   |
| WSJ-Online                       | Online version of Wall Street Journal         | 300   | 300            | 300            |                   |
| Workiva                          |   | 31,000  | 56,650         | 58,450         |                   |
| <b>Total Memberships</b>         |   |   | <b>292,276</b> | <b>117,361</b> | <b>120,236</b>    |
| Professional Services            | "Hawkins Delafield & Wood, LLP"               | 6 reports required  | 21,000         |                |                   |
|                                  | Arbitrage Consultant                          | Reports for Bond Arbitrage  |                | 52,000         | 54,000            |
|                                  | Bank of America Merrill Lynch                 | General commercial banking services (Includes 3rd party liability)                              |                | 50,000         | 50,000            |
|                                  | Bank of New York (Bony) Safekeeping           | Safekeeping of investments  |                | 55,000         | 55,000            |
|                                  | Bartel & Associates                           | GASB OPEB work.   | 20,000         |                |                   |
|                                  | Bloomberg L.P.                                | "Financial information service, estimated annual fees for 2 terminals"                          |                | 50,000         | 50,000            |
|                                  | Cal Muni Statistics                           | Overlapping Debt Schedule   | 1,400          |                |                   |
|                                  | Cal Muni Statistics                           | Overlapping Debt Schedule   |                | 1,200          | 1,200             |
|                                  | Fusion Risk Mngmt. Inc.                       | Fusion Framework advisory/tech support  | 7,200          | 7,200          | 7,200             |
|                                  | Hillswick/Reams Asset Management Co .LLC      | Portfolio investment managers   | 520,000        |                |                   |
|                                  | Meketa  | "Investment Consultants. \$14,250 per quarter"  | 57,000         |                |                   |
|                                  | OPEB Actuary                                  | Biennial Actuarial Study and Pension & OPEB Funding Study                                       |                | 22,000         | 51,000            |
|                                  | PFM and Reams Asset Management Co. LLC        | Portfolio investment managers   |                | 720,000        | 720,000           |
|                                  | PRAG  | FA Services agreement. O&M portion  | 175,000        | 175,000        | 175,000           |
|                                  | TBD   | Bond Accounting study   |                | 15,000         | 33,000            |

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## Chief Financial Officer

| Template Type   | Org/Vendor/Provider       | Description   | Budget           | Proposed         | Proposed Plus One |
|---|---------------------------|---|------------------|------------------|-------------------|
| Professional Services                                     | TBD                       | Capitalization Study  |                  | 30,000           | 40,000            |
|   | TBD                       | GASB Implementation   |                  | 18,000           | 27,000            |
|   | TBD                       | Internal Controls and other work  |                  | 100,000          | 100,000           |
|   | TBD                       | Payroll System Study  |                  | 6,500            | 6,700             |
|   | TBD                       | Receivables consulting  |                  | 8,000            | 16,000            |
|   | TBD (eg: Red Oak/Arcadis) | Cost of service rate refinement.  | 50,000           | 550,000          | 450,000           |
|   | Various                   | "Insurance Broker, Claims Auditor, Third Party Claims Administrator and Actuary"  | 225,000          | 225,000          | 225,000           |
| <b>Total Professional Services</b>                        |                           |   | <b>1,076,600</b> | <b>2,084,900</b> | <b>2,061,100</b>  |
| Repairs & Maintenance - Outside Services                  | TBD                       |   | 600              |                  |                   |
| <b>Total Repairs &amp; Maintenance - Outside Services</b> |                           |   | <b>600</b>       |                  |                   |
| Training  | CDIAC                     | Continuing Education and Development  |                  | 4,300            | 5,050             |
|   | CSMFO                     | Continuing Education and Development  |                  | 4,300            | 2,900             |
|   | CalPERS                   | Continuing Education and Development  |                  | 700              | 700               |
|   | Checkpoint                | Continuing Education and Development  | 7,000            | 3,800            | 4,000             |
|   | Checkpoint                | Membership for training   | 2,000            |                  |                   |
|   | GFOA                      | Continuing Education and Development  |                  | 4,300            | 5,050             |
|   | GFOA                      | GFOA budget training  |                  |                  | 1,800             |
|   | GFOA                      | Various GFOA training   |                  | 1,800            |                   |
|   | TBD                       | "Staff development in financial analysis, presentation, forecasting, and budgeting."  | 3,000            | 4,800            | 4,800             |
|   | TBD                       | Development   | 4,500            | 6,000            | 6,500             |
|   | TBD                       | Employee Development  | 2,500            | 7,900            | 7,900             |
|   | Various                   | Professional development training   | 2,000            | 2,000            | 2,000             |
|   | <b>Total Training</b>     |   |                  | <b>21,000</b>    | <b>39,900</b>     |
| Travel  | BC Program Mgr.           | DRJ Conference  | 2,500            | 2,500            | 2,500             |
|   | Gary M. Breaux            | ACWA & Investor/Rating Agency Meetings  | 6,000            |                  |                   |
|   | Katano Kasane             | DCA/DCFA Meetings   |                  | 15,000           | 15,000            |
|   | Katano Kasane             | Other Conferences   |                  | 6,000            | 6,000             |
|   | Mileage                   | Local travel  | 600              |                  |                   |
|   | Miscellaneous             | For Training  |                  | 1,800            | 1,800             |
|   | Miscellaneous             | Local travel  | 1,200            |                  |                   |
|   | TBD                       | For Training  |                  | 2,400            | 2,800             |
|   | TBD                       |   | 1,000            |                  |                   |
|   | Various                   | "Mileage reimbursement for local travel to meetings, hotel accommodations when attending conferences, parking reimbursement." | 2,500            | 2,500            | 2,500             |
|   |                           | Misc travel expenses  |                  | 250              | 250               |
|   |                           |   |                  | 31,000           | 25,650            |
| <b>Total Travel</b>                                       |                           |   | <b>44,800</b>    | <b>56,100</b>    | <b>56,500</b>     |
| <b>Total Chief Financial Officer</b>                      |                           |   | <b>1,435,276</b> | <b>2,298,261</b> | <b>2,278,536</b>  |

## Engineering Services Group

| Template Type | Org/Vendor/Provider  | Description   | Budget | Proposed | Proposed Plus One |
|---------------|--|---|--------|----------|-------------------|
| Memberships   | "Means, Richardson and other Cost Engineering"             | Publications that focuses on latest cost and productivity trends in he                                  | 3,000  | 3,000    | 3,000             |
|               | ACI International  | Membership provides monthly periodicals regarding recent materials testing                              | 200    | 500      | 300               |
|               | AWS CWI License Renewals                                   | License renewals and recertification  | 500    | 2,100    | 500               |
|               | American Academy of Environmental Engineers and Scientists | Provides staff with latest technical knowledge of environmental issues                                  | 200    | 200      | 200               |
|               | American Public Works Association                          | Provides the latest relevant public works laws, practices and regulations                               |        | 600      | 600               |
|               | American Society for Non-Destructive Testing/ASNT          | "Provides updates on technology, codes, and processes"  | 100    | 100      | 100               |
|               | American Society of Mechanical Engineering (ASME)          | "Membership provides monthly periodicals regarding latest information on welding applications, methods" | 200    | 500      | 200               |

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|--------------------------|--|---|--------|----------|-------------------|
| Memberships              | American Society of Professional Estimators                            | Technical knowledge & latest information construction cost estimating   | 700    | 700      | 700               |
|                          | American Welding Society   | American Welding Society  | 600    | 900      | 500               |
|                          | Association for the Advancement of Cost Engineering                    | Allows 2 staff members; for technical development of staff in this are  | 100    | 100      | 100               |
|                          | Association of American Cost Engineers                                 | Provides staff with the most current industry standards for project scheduling  |        | 2,000    | 2,000             |
|                          | Association of State Dam Safety Officials                              | Provides technical knowledge related to dam safety  | 400    |          |                   |
|                          | Basecamp   | Provides real-time communications for staff and member agencies   |        | 1,000    | 1,000             |
|                          | CDHS Treatment Operator/Distribution Operator                          | Certification renewal   | 1,000  | 1,000    | 1,000             |
|                          | California Association of Public Procurement Officials, Inc.           | Provides the exchange of knowledge in the field of procurement techniques   |        | 100      | 100               |
|                          | California Department of Health  | Renewal of certification for T2 Treatment License   | 100    | 100      | 100               |
|                          | California Land Surveyors Association                                  | "Latest knowledge and updates on issues related to land surveying, processes, county fees and legislative information"                                    | 1,600  | 2,700    | 2,700             |
|                          | Climate Registry   | "Provide access to industry recognized accurate, consistent and independently verified system to collect and report greenhouse gas emissions"             | 5,500  | 5,500    | 5,500             |
|                          | Construction Claims Monthly  | This specialized newsletter provides summaries of court decisions rela  | 400    | 400      | 400               |
|                          | Digital Map Products, Data Tree  | Provides property and assessor data including maps for surveying  |        | 19,800   | 19,800            |
|                          | Engineering News Record  | On-line construction cost/price index & technical knowledge of engineering advancements   | 300    | 300      | 300               |
|                          | Hydraulics Institute   | Provides staff with latest information related to technical knowledge of hydraulics and pump standards  | 2,200  |          |                   |
|                          | IHS Global Standards   | "Technical knowledge: On-Line service for ASME, AWWA, API, ANSI"  | 83,900 |          |                   |
|                          | Institute of Electrical & Electronic Engineers (IEEE)                  | "Technical knowledge: system design methods, industrial standards, code changes,& trends in electronics,electrical power, computers & telecommunications" | 500    |          |                   |
|                          | Institute of Electrical & Electronic Engineers (IEEE)                  | Technical knowledge: system design methods, industrial standards, code changes,& trends in electronics,electrical power, computers & telecommunications   |        | 500      | 500               |
|                          | Int'l Right of Way Association   | Provides latest in right of way information   | 500    | 800      | 800               |
|                          | International Ozone Association  | "International Ozone Association (G. Johnson, J. Bednarski)"  | 500    |          |                   |
|                          | League of California Surveying Organizations                           | "Provides updates on current county fees, processes, legislative changes in Land Surveyor's Act"  | 100    | 100      | 100               |
|                          | National Association of Corrosion Engineers ( )                        | "Required to provide inspection on DWR and MSU inspection work and updates on technology, codes, and processes. Membership dues."                         | 600    | 600      | 600               |
|                          | National Fire Protection Association                                   | For technical development in preparation for emergency response situations  | 200    | 200      | 200               |
|                          | NearMap  | Provides high resolution aerial imagery for GIS and land surveying  |        | 5,000    | 5,000             |
|                          | PE License Renewals  | P.E. License renewals   | 500    | 1,600    | 700               |
|                          | PE Licenses  | Professional Licenses required by the District MOU and state law  | 500    |          |                   |
|                          | PE Licenses  | Professional Licenses required by the District MOU and state law for Safety of Dams   |        | 1,900    | 1,900             |
|                          | PE Licenses  | Professional Licenses required by the District MOU and state law.   | 1,400  | 1,400    | 1,400             |
|                          | PlanetBids   | Service provides vendor management, contract compliance, contract administration, off-site bidding system   | 13,000 | 10,900   | 10,900            |
|                          | Professional Engineers License Renewals                                | Professional Licenses required by the District MOU and state law.   | 9,000  | 9,800    | 9,000             |
|                          | Professional License   | Professional Licenses required by the District MOU and state law.   | 3,300  | 4,600    | 4,800             |
|                          | Professional Licenses  | "Professional licenses, Water Treatment Distribution Certification, Land Surveyor licenses"   | 3,500  | 3,500    | 3,500             |
|                          | Professional Licenses  | Professional Licenses required by the District MOU and state law  |        | 500      | 500               |
|                          | Professional Licenses Fees   | Professional License required by the District MOU and state law.  | 4,300  | 3,200    | 3,000             |
|                          | Professional Licenses and other licenses                               | Professional Licenses required by the District MOU and state law.   | 2,000  | 2,000    | 2,000             |
|                          | Professional Memberships   | Include: ASCE, ASME, AAEEES   |        | 1,600    | 1,600             |
|                          | SME  | UC Assoc of the Society for Mining & Metallurgy & Exploration   | 1,800  | 1,800    | 1,800             |
|                          | Society for Protective Coatings SSPC                                   | "Provides updates on technology, codes, and processes"  | 300    | 300      | 300               |
|                          | Society of Value Engineering   | Technical knowledge & latest information in the field of value engineering  | 1,200  | 1,500    | 1,500             |
|                          | Storm Water Pollution Preparation Plans (SWPPP)                        | Provides staff with latest codes related to the regulations required for design of storm water prevention pollution plans.                                | 500    | 500      | 500               |
| Survey Monkey Subscption | Provides on-line survey development and analysis of survey information |   | 400    | 400      |                   |



# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Engineering Services Group

| Template Type                            | Org/Vendor/Provider   | Description   | Budget         | Proposed       | Proposed Plus One |
|--|---|---|----------------|----------------|-------------------|
| Memberships                              | Technical Subscriptions   | "Include : Proceedings of the Institution of Mechanical Engineers,Tunneling, Modern Power Systems, Concrete Construction, Int'l Water Power & Dam Construction" | 15,100         | 8,300          | 9,200             |
|  | Technical Subscriptions   | Include : Proceedings of the Institution of Mechanical Engineers,Tunneling, Modern Power Systems, Concrete Construction, Int'l Water Power & Dam Construction   |                | 9,200          | 8,400             |
|  | UndergroundServiceAlert   | "Provide""Call before you dig""information service in order to comply with California State Law"  | 75,000         | 123,000        | 127,600           |
|  | Urban & Regional Information Systems Assoc / URISA  | Provides latest information in the use of and integration of spatial information technology   | 200            | 200            | 200               |
|  | Water Desalination Report   | This newsletter is produced on a weekly basis and includes updates on   | 2,000          | 2,000          | 2,000             |
| <b>Total Memberships</b>                 |   |   | <b>237,000</b> | <b>237,000</b> | <b>237,500</b>    |
| Outside Services - Non Prof              | "Various Counties (San Bernardino, Orange, Ventura, Yolo, Sacramento, Contra Costa, Solano, San Joaquin, San Diego" | County tract/parcel/record of survey. Purchase of maps to support Core business functions.  | 300            | 300            | 300               |
|  | A-A Enterprises   | Annual calibration of concrete compression testing equipment.   | 1,200          |                |                   |
|  | A-A Enterprises   | Calibrate Louis Harness Tester used in Materials Testing Lab. Calibrate EPOCH portable field hardness tester.   | 300            | 300            | 300               |
|  | Atlas Manufacturing   | Maintain and calibrate the Atlas accelerated weathering machine. Time for preventive maintenance and new light calibrations.                                    | 12,800         | 10,000         | 10,000            |
|  | Calibration Services  | Calibrate reference (calibration) equipment   | 1,200          |                |                   |
|  | California Real Time Network (CRTN)   | Real time GPS network service provider  |                | 15,000         | 15,000            |
|  | Fritz Instruments   | Maintain operation and visual acuity of laboratory microscopes  | 700            | 500            | 500               |
|  | Instron Corp.   | Maintain and calibrate the Instron Universal Tinseling Testing machine used to conduct physical performance tests.  | 4,500          | 3,000          | 3,000             |
|  | Micro Precision Calibration Inc.  | Annual calibration of lab & field scales.   | 2,200          | 2,200          | 2,200             |
|  | NDT Equipment Maintenance/Calibration   | Equipment maintenance and calibration   | 1,200          | 800            | 800               |
|  | Rayne Water   | "Deionize water service for weatherometer, high humidity testing chamber and general laboratory use."   | 8,200          | 6,000          | 6,000             |
|  | Sy Nielson  | Maintain operation and calibration of laboratory scales   | 200            | 200            | 200               |
|  | TBD: Calibration and Service of Hand Held Digital Electrical Meters   | "Calibration & service of hand held digital electrical meters (multimeters, meggers, amp meters)."  | 400            |                |                   |
|  | TBD: Calibration and Service of Hand Held Digital Electrical Meters   | Calibration & service of hand held digital electrical meters (multimeters, meggers, amp meters)   |                | 400            | 400               |
|  | TBD: Calibration and Service of Large Electrical Test Equipment   | "Calibration& service of large electrical test equipment (low resistance ohmmeters, high voltage meggers, hipot, transformer turns ratiometer)."                | 600            |                |                   |
|  | TBD: Calibration and Service of Large Electrical Test Equipment   | Calibration& service of large electrical test equipment (low resistance ohmmeters, high voltage meggers, hipot, transformer turns ratiometer).                  |                | 600            | 600               |
|  | TBD: Calibration and Service of Mechanical Test Equipment   | "Calibration & service of mechanical test equipment (torque wrenches, skidmore bold tension indicator, vibration meter)."                                       | 400            |                |                   |
|  | TBD: Calibration and Service of Mechanical Test Equipment   | Calibration & service of mechanical test equipment (torque wrenches, skidmore bold tension indicator, vibration meter).   |                | 400            | 400               |
|  | TBD: Soils/Concrete Lab Equipment Calibration   | Annual calibration of concrete compression testing equipment.   |                | 1,500          |                   |
|  | TBD:Soils/Concrete Lab Equipment Calibration  | Annual calibration of concrete compression testing equipment.   |                |                | 1,500             |
|  | Various Counties-Review for Record Survey Mapping   | Record of survey mapping recordation  | 6,000          | 4,000          | 4,000             |
|  | Various Title Companies   | Preliminary title reports required for MWD knowledge of encumbrances impacting property potentially hazardous to future MWD facilities. Costs have increased.   | 14,000         | 9,000          | 9,000             |
| <b>Total Outside Services - Non Prof</b> |   |   | <b>54,200</b>  | <b>54,200</b>  | <b>54,200</b>     |
| Professional Services                    | "Consultant: Digital Map Products, First American Core Logic"   | Provide property ownership and assessor data as well as recorded documents.   | 24,800         |                |                   |
|  | Consultant Services - TBD   | DAM EAP Outreach support  | 100,000        |                |                   |
|  | Consultant Services - TBD   | DAM EAP Training and exercise   | 100,000        |                |                   |
|  | Consultant Services - TBD   | Technical support for Dam Safety Initiatives  |                | 175,000        | 175,000           |
|  | Consultants - TBD   | Provide support for State Water Project   | 30,000         | 30,000         | 30,000            |
|  | Consultants TBD (Facility Planning)   | Technical support in Energy Management Planning   |                | 100,000        | 75,000            |
|  | Consultants TBD (Facility Planning)   | Technical support with MWD greenhouse gas reporting   |                | 15,500         | 16,000            |
|  | Consultants TBD (Facility Planning)   | Technical support with dam inundation maps  |                | 200,000        | 200,000           |

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Templates Report by Organization Detail

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Engineering Services Group

| Template Type   | Org/Vendor/Provider   | Description  | Budget           | Proposed         | Proposed Plus One |
|---|---|--|------------------|------------------|-------------------|
| Professional Services                                     | Consultants TBD (Facility Planning)   | Technical support with development of asset management plan and database in the C & D system   |                  | 60,000           | 60,000            |
|   | Consultants TBD (Facility Planning)   | Technical support with evaluations of seismic resilience of MWD system and facilities  |                  | 100,000          | 100,000           |
|   | Consultants TBD (Facility Planning)   | Technical support with vulnerability, reliability and system flexibility assessments   |                  | 100,000          | 100,000           |
|   | Consultants: TBD  | Technical support for the California WaterFix  | 250,000          | 250,000          | 250,000           |
|   | Consultants: TBD  | Technical support for the regional recycled program  | 500,000          | 500,000          | 500,000           |
|   | Consultants: TBD (Facility Planning)  | Technical support for facility planning  | 495,000          |                  |                   |
|   | Consultants: TBD (Hydraulics)   | Technical support in in complex surge/transient analysis in distribution system  | 25,000           |                  |                   |
|   | Professional Laboratory Services  | Provide specialized laboratory services  | 3,000            | 3,000            | 3,000             |
|   | TBD   | Technical support for Project Control Reporting System data warehouse, reports and dashboards  |                  | 100,000          | 100,000           |
|   | TBD   | Technical support for Project Control Reporting System software for intergrated Primavera with Oracle EBS  |                  | 100,000          | 100,000           |
|   | Various On-Call Consultants   | Provide supporting technical services to assist updates to CAD platforms and BIM   |                  | 15,000           | 15,000            |
|   | Various On-Call Design and Architectural Consultants                            | "Provide supporting engineering services to DWR, architectural, HSE (Health, Safety, Environmental) & unplanned O&M requests"                      | 25,000           | 12,500           | 12,500            |
|   | Various On-Call Design and Architectural Consultants                            | Provide supporting engineering services to DWR, architectural, HSE (Health, Safety, Environmental) & unplanned O&M requests                        |                  | 12,500           | 12,500            |
| <b>Total Professional Services</b>                        |   |  | <b>1,552,800</b> | <b>1,773,500</b> | <b>1,749,000</b>  |
| Repairs & Maintenance - Outside Services                  | TBD: Service Provider   | "Lab Equipment repairs, maintenance and calibration of equipment not covered by maintenance contract"  | 3,000            | 3,000            | 3,000             |
|   | TBD: Service Provider   | "Provides funds to call in a service person to maintain fax machines, printers, miscellaneous equipment not covered by a maintenance contract."    | 1,000            | 1,000            | 1,000             |
|   | TBD: Service Provider   | "Surveyors services and other specialty vendors to maintain, repair and calibrate electronic survey equipment not covered by maintenance contract" | 3,000            | 3,000            | 3,000             |
|   | TBD: Service Provider   | "Surveyors services and other specialty vendors to maintain, repair and calibrate electronic survey equipment"                                     | 10,000           | 10,000           | 10,000            |
|   | TBD: Service Provider   | ADAS equipment not covered by maintenance contract   | 10,000           | 1,000            | 1,000             |
| <b>Total Repairs &amp; Maintenance - Outside Services</b> |   |  | <b>27,000</b>    | <b>18,000</b>    | <b>18,000</b>     |
| Training  | "Technical Seminar: Corrosion, Material Performance, Infrastructure Protection" | "Technical knowledge of latest technologies in corrosion, coating & maintenance technologies related to infrastructure protection"                 | 4,000            | 4,000            | 4,000             |
|   | "Technical Seminar: Dam Safety, Dam Design , Geotechnical Engineering"          | "Technical knowledge of latest technologies in dam safety, dam design, geotechnical engineering"   | 4,000            |                  |                   |
|   | ACI Certification   | Technical certification from American Concrete Institute   |                  | 8,000            |                   |
|   | ASCE Technical Seminars   | "Technical knowledge: latest codes and design information in tunneling, seismic retrofitting and codes,"   | 1,000            | 1,000            | 1,000             |
|   | ASME Piping Design  | "Technical knowledge: piping code requirements, analysis techniques"   | 3,400            |                  |                   |
|   | ASME Piping Design  | Technical knowledge: piping code requirements, analysis techniques   |                  | 3,400            | 3,400             |
|   | AWWA  | For technical development and latest information on water issues   | 500              | 500              | 500               |
|   | Allen-Bradley PLC Seminar   | Technical knowledge: design of PLC based controlled systems  | 3,000            | 3,000            | 3,000             |
|   | American Concrete Institute   | Technical knowledge of latest modifications to the existing concrete code  | 2,000            | 2,000            | 2,000             |
|   | American Society of Civil Engineers (ASCE)/WEB Seminar                          | Technical knowledge: latest modifications to the new ASCE7 requirements  | 1,000            | 1,000            | 1,000             |
|   | CAL/OSHA - Health & Safety  | Technical knowledge: latest codes & design information in health & safety engineering  | 300              | 300              | 300               |
|   | CMU Training and Seminars   | Technical based convention/seminars  |                  | 4,000            | 4,000             |
|   | CWI/AWS (Certified Welding Inspector/American Welding Society)                  | Seminar and Exam   | 2,200            |                  |                   |
|   | CWI/AWS(Certified Welding Inspector/American Welding Society)                   | Seminar and exam   |                  | 5,000            | 2,800             |
|   | California Fire Code Update Seminar   | Technical knowledge: latest fire protection code regulations & requirements  | 700              | 700              | 700               |
|   | California Hazardous Waste Management Training                                  | "Technical knowledge: latest hazardous material storage, handling and disposal requirements"   | 600              |                  |                   |
|   | California Hazardous Waste Management Training                                  | Technical knowledge: latest hazardous material storage, handling and disposal requirements   |                  | 600              | 600               |
|   | Colorado School of Mines and Microtunneling                                     | Technical knowledge in the field of tunneling  | 4,000            |                  |                   |
|   | International Building Code Web Seminars  | Technical knowledge: latest modification to the existing concrete code   | 600              | 600              | 600               |

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Templates Report by Organization Detail

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Engineering Services Group

| Template Type         | Org/Vendor/Provider  | Description  | Budget        | Proposed      | Proposed Plus One |
|-----------------------|--|--|---------------|---------------|-------------------|
| Training              | Local Seminars & Training: Construction Contract Development                         | "Training for maintenance & development related to spec development, advanced public works contracting strategies, contractual/regulatory construction issues for the state of California" | 700           | 500           | 700               |
|                       | Local Seminars: Construction Claims and Construction Contract Administration         | "Training for maintenance & development related to administration of construction contracts, mitigation of exposure to construction claims"  | 800           | 500           | 800               |
|                       | Local Training and Seminars  | Technical development training   | 11,000        | 6,000         | 6,000             |
|                       | MOD I and MOD II Value Engineering Certification Training                            | Training for certification in value engineering  | 1,500         | 1,200         | 1,500             |
|                       | Microsoft Inroad Training  | Technical knowledge: latest civil design programming   | 4,000         | 4,000         | 4,000             |
|                       | Online Training in Project Controls  | Training for maintenance & development related to project support/controls   | 1,000         | 700           | 1,000             |
|                       | Online Training in Project Management  | Training for development related to project management   | 3,000         | 4,000         | 5,200             |
|                       | Online Training: Construction Cost Estimating  | Training for maintenance & development related to construction contract estimating   | 600           | 500           | 600               |
|                       | PSP/Physical Security Professional Training & Certification                          | Technical knowledge: design building security  | 2,000         |               |                   |
|                       | SWPPP Preparation Seminar (Storm Water Prevention Pollution Plans)                   | Technical knowledge: latest codes related to regulations for approval - Storm Water Prevention Pollution Plans   | 400           | 400           | 400               |
|                       | Technical Seminars   | Technical knowledge: latest process/mechanical related products and services for treatment plant facility design & maintenance   | 1,000         | 4,000         | 9,000             |
|                       | Technical Seminars/Conferences   | Technical development training   | 2,500         | 2,500         | 2,500             |
|                       | Technical Seminars/Hydraulics Issues   | Technical knowledge: hydraulic related topics  | 1,800         | 1,300         | 1,800             |
|                       | Technical Seminars/Various Topics  | "Technical knowledge: maintenance of staff DHS certifications, desalination, microfiltration, sustainability, reliability, WTP design"   | 2,700         | 1,700         | 2,700             |
|                       | Training: Certificate in Construction Estimating                                     | Training for certification in construction estimating  | 2,000         | 1,000         | 2,000             |
| <b>Total Training</b> |  |  | <b>62,300</b> | <b>62,400</b> | <b>62,100</b>     |
| Travel                | ASCE Pipeline & Tunnels Conferences  | Technical knowledge: latest information on new technology  | 2,400         | 2,400         | 2,400             |
|                       | AWWA Annual Conference & Exposition / Fluoride Standards Committee                   | Technical knowledge: Update information in water treatment technology and related equipment  | 2,700         | 2,700         | 2,700             |
|                       | AWWA Annual Conference & Exposition / Fluoride Standards Committee                   | Technical knowledge: Update information in water treatment technology and related equipment  |               | 1,400         | 1,400             |
|                       | Allen Bradley PLC Seminar  | "Technical knowledge: PLC applications knowledge for in house expertise to ensure quality design, field supports & cost efficiency"  | 500           |               |                   |
|                       | Allen Bradley PLC Seminar  | Technical knowledge: PLC applications knowledge for in house expertise to ensure quality design, field supports & cost efficiency  |               | 500           | 500               |
|                       | American Concrete Institute  | Technical knowledge: latest information on concrete code   | 800           | 800           | 800               |
|                       | American Membrane Technology Association Conference (AMTA)                           | Technical knowledge: membrane technologies   | 1,000         | 1,200         | 1,200             |
|                       | American Society of Civil Engineers Pipelines Conference                             | Technical knowledge: pipelines technologies  | 900           | 1,200         | 1,200             |
|                       | American Society of Civil Engineers: Electrical Transmission & Substation Conference | Technical knowledge: latest information on electrical transmission and substation technologies   | 900           | 1,200         | 1,200             |
|                       | American Water Works Association (AWWA) Annual Conference                            | Technical knowledge on latest information in water and technology  | 2,000         |               |                   |
|                       | Annual Conference for US Society of Dams   | Technical knowledge of latest information in dam safety surveillance   | 6,000         | 3,000         | 3,000             |
|                       | Business Meetings w/State Agencies   | Meetings w/DWR on operational and reliability issues w/State Water   | 4,300         | 4,300         | 4,300             |
|                       | California Hazardous Waste Management Training                                       | "Technical knowledge: hazardous materials storage, handling & disposal requirements"   | 200           |               |                   |
|                       | California Hazardous Waste Management Training                                       | Technical knowledge: hazardous materials storage, handling & disposal requirements   |               | 200           | 200               |
|                       | California Land Surveyors Association (CLSA) Conference                              | "Conference focuses on western regional issues related to surveying and mapping practices. Knowledge of legal issues affecting survey procedures, policies, boundary and title."           | 2,000         | 3,000         | 3,000             |
|                       | California-Nevada Section Fall AWWA Conference                                       | "Technical knowledge: state of the art information on current and future water treatment processes that may impact MWD infrastructure, latest equipment and technologies"                  | 1,300         | 800           | 800               |
|                       | California-Nevada Section Fall AWWA Conference                                       | Technical knowledge: state of the art information on current and future water treatment processes that may impact MWD infrastructure, latest equipment and technologies                    |               | 800           | 800               |

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Templates Report by Organization Detail

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Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Engineering Services Group

| Template Type  | Org/Vendor/Provider                                   | Description  | Budget           | Proposed         | Proposed Plus One |
|--|---|--|------------------|------------------|-------------------|
| Travel   | California-Nevada Section Spring AWWA Conference      | "Technical knowledge: state of the art information on current and future water treatment processes that may impact MWD infrastructure, latest equipment and technologies"              | 1,400            | 800              | 800               |
|  | California-Nevada Section Spring AWWA Conference      | Technical knowledge: state of the art information on current and future water treatment processes that may impact MWD infrastructure, latest equipment and technologies                |                  | 800              | 800               |
|  | Chlorine Institute Annual Meeting                     | "Technical knowledge:latest information on improved chlorine safety through design, operations/maintenance practices"  | 4,100            |                  |                   |
|  | Chlorine Institute Annual Meeting                     | Technical knowledge:latest information on improved chlorine safety through design, operations/maintenance practices  |                  | 4,100            | 4,100             |
|  | Clean 17  | Technical knowledge on the latest information in water and technology  | 8,000            | 7,000            | 7,000             |
|  | Colorado School of Mines and Microtunneling           | Technical knowledge in the field of tunneling  | 2,000            | 8,500            | 8,100             |
|  | Construction Superconference                          | "Technical knowledge: developments in the specialized area of construction claims & disputes, mitigation of exposure to construction disputes and unsubstantiated construction claims" | 1,200            | 1,200            | 1,200             |
|  | Cutting Edge Conference                               | Technical knowledge on advances in tunneling technology  | 2,500            | 2,500            | 2,500             |
|  | DWR Support   | Participation on Technical Advisory Committee for DWR planned refurbishment or replacement work  | 3,200            | 3,200            | 3,200             |
|  | Division of Safety of Dams (DSOD) Meetings            | "Technical knowledge of latest information on mandated surveillance requirements, operation certificate conditions and dam fees"   | 3,500            |                  |                   |
|  | Division of Safety of Dams (DSOD) Meetings            | Technical knowledge of latest information on mandated surveillance requirements, operation certificate conditions and dam fees   |                  | 3,500            | 3,500             |
|  | Fire Protection Agency Seminar                        | Technical knowledge: fire protection and hazardous material information  | 800              | 800              | 800               |
|  | International Ozone Association World Congress        | "Technical knowledge: ozone technology, new technical approaches & concepts in information-sharing with ozone authorities"   | 1,800            |                  |                   |
|  | Local Technical Seminars, Training and Conferences    | Technical knowledge in latest technologies in the fields of corrosion, materials testing, PCCP, forensic investigation, GPS, dam safety, surveying and mapping                         | 7,000            | 8,500            | 8,500             |
|  | Mileage Reimbursements                                | Mileage reimbursements   | 1,000            | 1,000            | 1,000             |
|  | Miscellaneous Travel Expenses                         | "Miscellaneous travel expenses: i.e. Metrolink, mileage."  | 4,500            | 4,500            | 4,500             |
|  | Miscellaneous Travel Expenses                         | "Miscellaneous travel related expenses: mileage, parking, meals"   | 2,600            | 2,600            | 2,600             |
|  | North American Tunneling Society                      | Technical knowledge on the latest information in tunneling and underground construction  | 2,500            | 2,500            | 2,500             |
|  | Offsite Field Meetings                                | "Travel for field inspections, member agency meetings, DWR/SWC"  | 7,500            | 7,500            | 7,500             |
|  | Offsite Meetings                                      | "Travel for field inspections, member agencies, technical conferences, AWWA, ASCE"   | 15,000           | 15,000           | 15,000            |
|  | Offsite Travel  | Travel in support of the California WaterFix   | 50,000           |                  |                   |
|  | SAVE MOD 1 & MOD II                                   | Technical knowledge: latest information on various technical aspects of value engineering  | 2,000            | 2,000            | 2,000             |
|  | SWPPP (Storm Water Prevention Protection Plans)       | Technical knowledge: latest codes related to regulations for approval - Storm Water Prevention Pollution Plans   | 500              | 500              | 500               |
|  | Semi Annual MWD Dam Inspections (Desert)              | Lodging and meals during semi-annual inspections of MWD dams in the desert   | 1,000            | 1,000            | 1,000             |
|  | Society of Value Engineering                          | Technical knowledge on latest information in value engineering   | 2,000            | 2,000            | 2,000             |
|  | State Water Contractor's Meeting                      | Meetings in Northern California dealing with State Water Contractor issues   | 7,500            | 7,500            | 7,500             |
|  | Technical Conferences                                 | "Technical knowledge: developing & implementing new technologies, processes & products to enhance water reliability, water supply, water quality"                                      | 2,000            | 2,000            | 2,000             |
|  | Technical Conferences                                 | "Technical knowledge: seismic design, earthquake resistance design, structural, construction technologies"   | 3,300            | 9,800            | 9,800             |
|  | Technical Conferences                                 | Technical knowledge: seismic design, earthquake resistance design, structural, construction technologies   |                  | 30,000           | 30,000            |
|  | Technical Seminars                                    | "Technical knowledge: DHS operator certification, Intergrated Area Studies, facility planning, infrastructure reliability"   | 600              | 600              | 600               |
|  | Technical Seminars, Training and Conferences          | Technical knowledge in latest technologies in the fields of corrosion, materials testing, PCCP, forensic investigation, GPS, dam safety, surveying and mapping                         | 7,800            | 16,700           | 16,700            |
|  | Technical Seminars/Conferences                        | Technical knowledge: latest information on construction processes and project management   |                  | 2,200            | 2,600             |
|  | Technical Seminars/Hydraulic Issues                   | "Technical knowledge: hydraulic related topics, turbulent flow, software improvements for hydraulic issues"  | 300              | 300              | 300               |
| Water Environment Federation Annual Technical Conference | Technical knowledge: water quality and process design | 1,500  |                  |                  |                   |
| <b>Total Travel</b>                                      |   |  | <b>172,100</b>   | <b>172,100</b>   | <b>172,100</b>    |
| <b>Total Engineering Services Group</b>                  |   |  | <b>2,105,400</b> | <b>2,317,200</b> | <b>2,292,900</b>  |

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## External Affairs

| Template Type                                     | Org/Vendor/Provider   | Description   | Budget  | Proposed | Proposed Plus One |
|---|---|---|---------|----------|-------------------|
| Memberships                                       | "Asian Business Associations - LA, OC, & SD"  | Corporate Membership                                | 3,250   | 3,000    | 3,000             |
|   | "CleanTech LA, San Diego and Orange County"   | Corporate Membership                                | 15,000  | 10,000   | 10,000            |
|   | "National Association of Women Business Owners -LA, OC, SD, CA, IE, VC"   | Corporate Membership                                | 6,500   | 6,000    | 6,000             |
|   | "Various Chambers (\$37,475); Orgs. (\$20,250) & TBD new and/or increased dues (\$40,000)"  | Legislative Services related                        | 126,905 |          |                   |
|   | ACWA  | Memberships for community outreach                  | 37,654  | 57,000   | 57,000            |
|   | AWA of Ventura County (AWA)   | Legislative Services related                        | 1,500   | 1,500    | 5,000             |
|   | Adobe   | Adobe Creative Subscriptions for the Graphics Staff |         | 6,000    |                   |
|   | Adobe   | Industry related                                    |         | 3,000    | 3,300             |
|   | American Indian Chamber of Commerce   | Corporate Membership                                | 2,000   | 2,000    | 2,000             |
|   | Anaheim Chamber of Commerce   | Corporate Membership                                |         | 1,500    | 1,500             |
|   | Artkust   | Industry related                                    |         | 200      | 200               |
|   | Asian American Architect & Engineers Association  | Corporate Membership                                | 500     |          |                   |
|   | Association of California Cities - Orange County  | Legislative Services related                        | 5,000   | 5,000    | 5,000             |
|   | Association of General Contractors of CA  | Legislative Services related                        | 550     | 550      | 550               |
|   | Association of Metropolitan Water Agencies  | Legislative Services related                        | 500     |          |                   |
|   | Association of Women in Water, Energy & Environment   | Legislative Services related                        |         | 500      |                   |
|   | Association of Women in Water, Energy & Environment   | Memberships for community outreach                  |         | 2,100    | 2,100             |
|   | BIA   | Legislative Services related                        |         | 17,100   | 17,100            |
|   | BizFed  | Legislative Services related                        |         | 25,000   | 25,000            |
|   | Black Business Association  | Corporate Membership                                | 1,500   | 1,500    | 1,500             |
|   | Black Chamber of Commerce of Orange County  | Corporate Membership                                | 1,500   |          |                   |
|   | Budget Track  | Legislative Services related                        |         | 199      | 199               |
|   | Building Industry Association of Riverside County - Gov't Affairs Program   | Legislative Services related                        | 750     |          |                   |
|   | Building Industry Association of San Diego  | Legislative Services related                        | 595     |          |                   |
|   | Building Industry Association of Southern California  | Legislative Services related                        | 15,000  |          |                   |
|   | C&R News  |   | 240     |          |                   |
|   | CA Chamber of Commerce  | Memberships for community outreach                  | 12,000  | 14,000   | 14,000            |
|   | CA Farm Water Coalition Ag. Water Mgmt. Council   | Memberships for community outreach                  | 2,500   | 2,500    | 2,500             |
|   | CA Found. on the Environment  | Memberships for community outreach                  | 18,000  | 18,000   | 18,000            |
|   | CAAWEF  | Membership  |         | 25,000   | 25,000            |
|   | CMUA  | Agency Membership & Fees                            |         | 90,000   | 90,000            |
|   | CONNECT   | Corporate Membership                                |         | 5,000    | 5,000             |
|   | California Apartment Association  | Memberships for community outreach                  |         | 1,388    | 1,388             |
|   | California Black Chamber of Commerce  | Corporate Membership                                | 1,000   | 1,000    | 1,000             |
|   | California Contract Cities Associate Member Program   | Legislative Services related                        | 5,000   |          |                   |
|   | California Contract Cities Association  | Legislative Services related                        |         | 5,000    | 5,000             |
| California Hispanic Chamber of Commerce           | Corporate Membership  |   | 1,000   | 1,000    |                   |
| California Institute for Federal Policy Research  | Legislative Services related  | 2,000   | 2,000   | 2,000    |                   |
| California Municipal Utilities Association (CMUA) | CMUA represents the shared interest of California publicly owned utilities on statewide issues & provides advocacy on behalf of its members | 101,000   |         |          |                   |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## External Affairs

| Template Type                   | Org/Vendor/Provider   | Description   | Budget | Proposed | Proposed Plus One |
|---------------------------------|---|---|--------|----------|-------------------|
| Memberships                     | California Special District Association                               | Legislative Services related  | 5,000  | 8,000    | 8,500             |
|                                 | Capitol Morning   | Annual Subscription   |        |          | 1,675             |
|                                 | Capitol Morning   | Annual subscription   |        | 1,650    |                   |
|                                 | Capitol Track   | Legislative Services related  |        | 5,000    | 4,500             |
|                                 | Central City Association of Los Angeles (CCA)                         | Memberships for community outreach  |        | 12,000   | 12,000            |
|                                 | Chamber of Commerce - LA Latino & Lake Havasu Area                    | Corporate Membership  | 1,500  |          |                   |
|                                 | Chambers, unanticipated dues increases and new memberships            | Legislative Services related  |        |          | 79,027            |
|                                 | Chambers, unanticipated dues increases and new requests               | Legislative Services related  |        | 77,752   |                   |
|                                 | Clean Tech LA Incubator Leadership Council                            | Legislative Services related  | 10,000 |          |                   |
|                                 | CleanTech San Diego*  | Legislative Services related  |        | 10,000   | 10,000            |
|                                 | Coalition for Env. Protection   | Memberships for community outreach  | 10,000 | 10,000   | 10,000            |
|                                 | Colaboration of Labor, Ag, and Business of Ventura County             | Legislative Services related  |        |          | 500               |
|                                 | Construction Industry Association on Water Quality                    | Legislative Services related  | 2,500  | 3,000    | 3,000             |
|                                 | Disabled Veterans Business Alliance of California                     | Corporate Membership  | 2,500  |          |                   |
|                                 | Downtown San Diego Partnership  | Legislative Services related  |        | 3,000    | 3,000             |
|                                 | EBSCO   | Subscriptions ordered through EBSCO service   |        | 3,500    | 3,500             |
|                                 | Ebsco   | Web design and copy editing materials; newspaper subscriptions (LA Times, OC Register, Wallstreet Journal, Western Water) | 3,200  |          |                   |
|                                 | Elite DVBE  | Corporate Membership  | 1,000  | 1,000    | 1,000             |
|                                 | Engineering Contractors' Association                                  | Legislative Services related  |        | 700      | 700               |
|                                 | Family Farm Alliance  | Legislative Services related  |        | 1,000    | 1,000             |
|                                 | FileMaker Pro   | FileMaker Pro Subscription  |        | 2,500    |                   |
|                                 | Filipino American Chamber of Commerce of Orange County                | Corporate Membership  | 1,000  | 4,000    | 4,000             |
|                                 | GoToMeeting   | Annual webinar service subscription for all Ext. Affairs  | 2,000  | 2,000    | 2,000             |
|                                 | Greater Los Angeles African American Chamber of Commerce              | Corporate Membership  | 2,000  | 2,000    | 2,000             |
|                                 | Greater West Covina Business Association                              | Legislative Services related  |        | 700      | 750               |
|                                 | Harbor Association of Industry & Commerce                             | Legislative Services related  |        | 500      | 500               |
|                                 | Hispanic Chamber of Orange County                                     | Corporate Membership  | 1,500  | 1,000    | 1,000             |
|                                 | ICMA  | Local Govt Leadership/Mgmt  |        | 150      | 175               |
|                                 | Industry Manufacturing Council  | Legislative Services related  |        | 300      | 350               |
|                                 | Inland Action   | Legislative Services related  |        | 4,800    | 4,800             |
|                                 | Inland Empire Economic Partnership                                    | Legislative Services related  |        | 5,000    | 5,000             |
|                                 | Institute of Government Advocates                                     | Legislative Services related  | 400    |          |                   |
|                                 | Killer Tracks   | Industry related  |        | 2,500    | 2,500             |
|                                 | LA Cty. Econ. Dev. Corp.  | Memberships for community outreach  | 22,500 | 22,500   | 22,500            |
|                                 | LABC Sustainability Summit  | Legislative Services related  |        | 5,000    | 5,000             |
|                                 | Lake Havasu Area Chamber of Commerce                                  | Corporate Membership  |        | 467      | 467               |
|                                 | Latin Business Association  | Corporate Membership  | 1,000  |          |                   |
|                                 | League of California Cities- LA County Division                       | Legislative Services related  | 5,000  |          |                   |
|                                 | League of California Cities- LA County Division (courtesy membership) | Legislative Services related  |        | 5,000    | 5,000             |
|                                 | Los Angeles African American Chamber of Commerce                      | Corporate Membership  | 1,500  |          |                   |
| Los Angeles Business Council    | Legislative Services related  | 2,000   |        |          |                   |
| Los Angeles Chamber of Commerce | Legislative Services related  | 12,000  |        |          |                   |
| NWRA Municipal Caucus           | Legislative Services related  |   | 500    | 500      |                   |
| NY Times                        | Group Manager Subscription  |   | 200    | 200      |                   |

# Metropolitan Water District of Southern California

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## External Affairs

| Template Type | Org/Vendor/Provider  | Description  | Budget | Proposed | Proposed Plus One |        |
|---------------|--|--|--------|----------|-------------------|--------|
| Memberships   | NY Times/Digital   | Group Manager subscription   | 200    |          |                   |        |
|               | National Association of Minority Contractors                       | Corporate Membership   | 1,000  | 1,000    | 1,000             |        |
|               | National Association of Women in Custruction - San Gabriel Chapter | Corporate Membership   | 500    |          |                   |        |
|               | National Latina Business Women's Association -LA & SD              | Corporate Membership   | 3,500  | 2,000    | 2,000             |        |
|               | OCTax  | Legislative Services related   | 2,000  | 2,000    | 2,000             |        |
|               | Orange County Business Council                                     | Legislative Services related   | 5,000  | 5,000    | 5,000             |        |
|               | Pacoima Beautiful EJ Awards  | Legislative Services related   |        | 3,000    | 3,000             |        |
|               | Regional Hispanic Chamber of Commerce - Long Beach                 | Corporate Membership   | 2,000  | 1,500    | 1,500             |        |
|               | SHRM   | Group HR Liaison   |        |          | 225               |        |
|               | SHRM   | Group HR liaison   |        | 210      |                   |        |
|               | San Diego Chamber of Commerce                                      | Legislative Services related   | 15,000 |          |                   |        |
|               | San Gabriel Valley Economic Partnership                            | Legislative Services related   | 5,000  |          |                   |        |
|               | San Gabriel Valley Economic Partnership                            | Legislative Services related   |        | 5,750    | 6,250             |        |
|               | South County Economic Development Council                          | Legislative Services related   | 300    | 350      | 350               |        |
|               | South Orange County Economic Coalition                             | Legislative Services related   |        |          | 1,000             |        |
|               | Southern California Contractors Association                        | Legislative Services related   | 1,500  | 1,100    | 1,100             |        |
|               | Southern California Leadership Council                             | Memberships for community outreach                                       |        | 20,000   | 20,000            |        |
|               | Southern California Minority Business Development Agency           | Corporate Membership   | 1,000  | 1,000    | 1,000             |        |
|               | Southern California Water Coalition                                | Legislative Services related   |        | 15,000   | 15,000            |        |
|               | Southern California Water Committee                                | Legislative Services related   | 10,000 |          |                   |        |
|               | State of the Westside  | Legislative Services related   |        | 500      | 500               |        |
|               | Subscriptions  | "AMWA (\$2,000), Calif. Inst. for Federal Policy (\$500)."               | 2,500  | 2,500    | 2,500             |        |
|               | Subscriptions  | "Package that includes: Climatewire, Environment & Energy and Greenwire" | 10,500 | 10,500   | 10,500            |        |
|               | Subscriptions  | CQ Roll Call---PDF Edition   | 898    | 898      | 898               |        |
|               | Subscriptions  | The Hill--Digital Edition  | 175    | 175      | 175               |        |
|               | TBD  | Adobe Creative Subscriptions for the Graphics Staff                      |        |          | 6,600             |        |
|               | TBD  | New memberships and/or increased dues                                    | 25,000 | 28,093   | 28,093            |        |
|               | TBD  | Newspaper/Online Subscriptions, Website monitoring subscriptions         |        | 16,000   | 16,000            |        |
|               | TBD  | Research/news subscriptions  |        | 240      | 250               |        |
|               | TBD  | Undetermined   |        | 9,800    | 9,800             |        |
|               | TBD  |  |        | 2,000    | 2,000             |        |
|               | TBD  | Unanticipated dues increase and requests                                 |        |          | 16,679            | 10,274 |
|               | TBD  | Industry related   | 500    |          |                   |        |
|               | TBD  | New memberships and/or increased dues                                    | 8,950  | 3,033    | 3,033             |        |
|               | TBD  | Subscriptions ordered through EBSCO service                              | 3,260  |          |                   |        |
|               | TBD  | Legislative Services related   |        | 220      | 200               |        |
|               | TBD  | Memberships for community outreach                                       | 2,500  | 2,500    | 2,500             |        |
|               | TBD  | Legislative Services related   | 1,500  | 10,000   | 10,000            |        |
|               | TBD  | Legislative Services related   |        | 150      | 150               |        |
|               | TBD  | Corporate Membership   | 500    | 500      | 500               |        |
|               | TBD  | Legislative Services related   |        |          | 50                |        |
|               | TBD  | Legislative Services related   |        | 150      | 150               |        |
| TBD           | Memberships for community outreach                                 | 26,013   | 35,816 | 35,816   |                   |        |
| TBD           | Legislative Services related                                       |  | 3,000  | 3,000    |                   |        |
| TBD           | Corporate Membership   | 800  | 1,500  | 1,500    |                   |        |

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## External Affairs

| Template Type                            | Org/Vendor/Provider   | Description  | Budget           | Proposed       | Proposed Plus One |
|--|---|--|------------------|----------------|-------------------|
| <b>Total Memberships</b>                 |   |  | <b>577,140</b>   | <b>704,920</b> | <b>703,395</b>    |
| Outside Services - Non Prof              | "Presentation Media, Inc."  | "Various signs, posters and displays, i.e. exhibits"   | 13,500           | 13,500         | 13,500            |
|  | 33 Degrees (SMS, Agnew  | Materials storage and fulfillment (online brochure delivery)   | 15,000           | 15,000         | 15,000            |
|  | Business Wire   | Non Prof Services  |                  | 30,000         | 30,000            |
|  | Calendar Wiz  | News release and advisory distribution   | 25,000           | 35,000         | 35,000            |
|  | Constant Contact  | Calendar sharing software  | 200              | 300            | 300               |
|  | Innovation & Technology - Intro Networks                            | Email marketing service  | 2,000            | 2,500          | 2,500             |
|  | Meltwater News  | Tech Connect   | 17,000           | 15,000         | 15,000            |
|  | Mr. Master  | TV and Radio monitoring service  | 25,000           |                |                   |
|  | Planet Bids   | "Duplication of CD-Roms, DVDs and videotapes"  | 3,000            |                |                   |
|  | SourceGraphics  | Hosted application that provides a modular suite for eProcurement activities for bidding solicitations | 17,000           | 27,000         | 27,000            |
|  | TBD   | External graphics related svcs   |                  | 4,500          |                   |
|  | TBD   | "Transporting MWD large exhibits for conferences, i.e. CRWUA"  | 6,000            |                |                   |
|  | TBD   | Canon Maintenance  |                  |                | 4,200             |
|  | TBD   | Consumer Attitude and Awareness Survey and focus groups  | 100,000          |                |                   |
|  | TBD   | DVL Buses  |                  | 20,000         | 20,000            |
|  | TBD   | DVL Exhibit Maintenance  | 5,000            | 5,000          | 5,000             |
|  | TBD   | DVL Maintenance  | 5,000            | 5,000          | 5,000             |
|  | TBD   | Dun & Bradstreet   |                  | 4,800          | 4,800             |
|  | TBD   | Expenses for special events for legislative representatives  | 2,000            | 2,000          | 2,000             |
|  | TBD   | Freelance writing services, special needs for publications"  | 8,250            | 8,250          | 8,250             |
|  | TBD   | GM Directed, Conservaton Projects  |                  | 45,000         | 100,000           |
|  | TBD   | Graphic design for brochures and other printed materials"  | 7,000            |                |                   |
|  | TBD   | Innovation Directed Services   | 40,000           | 30,000         | 30,000            |
|  | TBD   | Janitorial Services contract (\$500),  |                  | 500            | 500               |
|  | TBD   | Janitorial Services contract (\$500), Promotional Items (\$6,000)                                      | 6,500            |                |                   |
|  | TBD   | Materials storage and fulfillment of Education Materials   | 35,000           | 20,000         | 20,000            |
|  | TBD   | Photography services   | 10,000           | 10,000         | 10,000            |
|  | TBD   | Promotional Items (\$6,000)  |                  | 6,000          | 6,000             |
|  | TBD   | Promotional Materials  |                  | 20,000         | 30,000            |
|  | TBD   | RRWO (Buses, Porta Potty)  |                  | 20,000         | 20,000            |
|  | TBD   | Solar Cup 2020   | 92,500           | 82,500         | 82,500            |
|  | TBD   | Solar Cup 2020 Security  |                  | 10,000         | 10,000            |
|  | TBD   | Special Projects   | 200,000          | 190,000        |                   |
|  | TBD   | Special events or unanticipated requests   |                  | 5,000          |                   |
|  | TBD   | Special or anticipated requests  |                  |                | 5,000             |
|  | TBD   | Special or unanticipated need for services   | 3,000            |                |                   |
|  | TBD   | Special outreach activities  | 350,000          | 105,000        | 130,000           |
|  | TBD   | TBD  |                  | 1,000          | 1,000             |
|  | TBD   | Teambuilding   |                  | 300            |                   |
|  | TBD   | Undetermined EA Activies   | 39,850           | 47,850         | 47,850            |
| Translations Unlimited                   | On-call translation services  | 5,000  |                  |                |                   |
| Transperfect Translations                | On-call translation services  | 2,400  |                  |                |                   |
| Undetermined                             | Annual Crisis Communications exercise with member agencies \$20,000 | 20,000   | 20,000           |                |                   |
| Undetermined                             | Service/Repair and Maintenance of iMac Equipment                    |  | 5,000            | 5,000          |                   |
| <b>Total Outside Services - Non Prof</b> |   |  | <b>1,055,200</b> | <b>806,000</b> | <b>685,400</b>    |
| Professional Services                    | "JGC Government Relations, Inc."                                    | Advancing BDCP   | 185,000          |                |                   |
|  | "JGC Government Relations, Inc."                                    | State Lobbying   |                  | 185,000        | 185,000           |
|  | "Manatt, Phelps & Phillips"   | Government Relations   | 130,000          |                |                   |
|  | "Sloat, Higgins, Jensen"  | Lobbying   | 185,000          |                |                   |
|  | "Sloat, Higgins, Jensen"  | State Lobbying   |                  | 185,000        | 185,000           |
|  | Attore & Associates   | Government Relations   | 96,000           |                |                   |
|  | Attore & Associates   | Local Government Relations   |                  | 96,000         | 96,000            |
| CA Native Plant Society                  | Conservation Gardens  |  | 60,000           | 60,000         |                   |



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Version 1

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## External Affairs

| Template Type   | Org/Vendor/Provider                        | Description   | Budget           | Proposed         | Proposed Plus One |
|---|--|---|------------------|------------------|-------------------|
| Professional Services                                     | Capitol Advocacy                           | Lobbying  | 185,000          |                  |                   |
|   | Capitol Advocacy                           | State Lobbying  |                  | 185,000          | 185,000           |
|   | Estolano LeSar Perez                       | Government Relations  | 130,000          |                  |                   |
|   | Estolano LeSar Perez                       | Local Government Relations  |                  | 130,000          | 130,000           |
|   | Isle Inc.                                  | Innovation & Technology (TAG)   | 50,000           | 50,000           | 50,000            |
|   | Kadesh & Associates                        | Federal Lobbying  |                  | 160,000          | 160,000           |
|   | Kadesh & Associates                        | Lobbying  | 185,000          |                  |                   |
|   | Mike Roos                                  | Government Relations  | 130,000          |                  |                   |
|   | Monterey Digital and JMS Video             | This is to cover events that require a contractor to assist with video shoots where staff is either unavailable or require additional support | 4,000            | 2,500            | 2,500             |
|   | Pelote Strategic Consulting                | Lobbying  | 185,000          |                  |                   |
|   | Pelote Strategic Consulting                | State Lobbying  |                  | 185,000          | 185,000           |
|   | Responsible Solutions                      | Government Relations  | 96,000           |                  |                   |
|   | Responsible Solutions                      | Local Government Relations  |                  | 96,000           | 96,000            |
|   | Richard Katz                               | Government Relations  | 130,000          |                  |                   |
|   | Studio L                                   | Design Svcs   |                  | 20,000           | 20,000            |
|   | Sustainable Strategies                     | Government Relations  | 140,000          |                  |                   |
|   | Sustainable Strategies                     | Local Government Relations  |                  | 140,000          | 140,000           |
|   | TBD  | Augmented Reality App   |                  | 30,000           | 30,000            |
|   | TBD  | Community Outreach activities   |                  | 40,000           | 40,000            |
|   | TBD  | Curriculum development  | 30,000           | 30,000           | 30,000            |
|   | TBD  | Curriculum development for school programs  | 25,000           |                  |                   |
|   | TBD  | DVL Docent contract   | 20,000           | 20,000           | 20,000            |
|   | TBD  | DVL Exhibit Update  | 30,000           | 20,000           | 20,000            |
|   | TBD  | Education Technology  | 20,000           | 15,000           | 15,000            |
|   | TBD  | Government Relations  | 255,000          | 645,000          | 645,000           |
|   | TBD  | Innovation Directed Studies   | 125,000          | 50,000           | 50,000            |
|   | TBD  | Online OUTreach Consulting  | 25,000           |                  |                   |
|   | TBD  | Online Outreach Consulting  |                  | 50,000           | 50,000            |
|   | TBD  | Prof Team Dev Consult   |                  |                  | 1,250             |
|   | TBD  | Project (Targeted) Website Design and Programming   | 11,334           |                  |                   |
|   | TBD  | Solar Cup 2020  | 50,000           | 50,000           | 50,000            |
|   | TBD  | Training consultants  | 25,000           |                  |                   |
|   | TBD  | Training consultants/Digital Media  |                  | 20,000           | 20,000            |
| TBD   | Video production and editing               | 30,000  | 30,000           | 30,000           |                   |
| TBD   | bewaterwise redesign request               | 22,000  |                  |                  |                   |
| TBD 01  | Develop comprehensive member agency survey | 28,500  | 28,500           | 28,500           |                   |
| TBD 02  | Social research                            | 181,500   | 171,500          | 171,500          |                   |
| Undetermined  | Community Outreach activities              | 75,000  |                  |                  |                   |
| Van Ness Feldman  | Federal Lobbying                           |   | 130,000          | 130,000          |                   |
| Van Ness Feldman  | Lobbying                                   | 160,000   |                  |                  |                   |
| <b>Total Professional Services</b>                        |  |   | <b>2,944,334</b> | <b>2,824,500</b> | <b>2,825,750</b>  |
| Repairs & Maintenance - Outside Services                  | TBD  | Maintenance for Plotter   | 1,500            | 7,000            | 7,000             |
|   | TBD  | Office equipment repair   |                  |                  | 500               |
|   | TBD  | Repair of office equipment  | 1,300            |                  |                   |
|   | TBD  | Repairs/maintenance for office equipment as needed  | 500              |                  |                   |
|   | TBD  | Unanticipated Repairs   |                  | 2,500            | 2,500             |
|   | TBD  | office equipment repair   |                  | 500              |                   |
|   | Undetermined                               | Repair of exhibit equipment, camera and/or video  | 1,000            | 1,000            | 1,000             |
|   | Various                                    | "On-call equipment repairs as needed for video cameras, editing stations, video decks, etc."  | 1,100            | 1,100            | 1,100             |
| <b>Total Repairs &amp; Maintenance - Outside Services</b> |  |   | <b>5,400</b>     | <b>12,100</b>    | <b>12,100</b>     |
| Sponsorships  | TBD  | Business Outreach   |                  | 80,000           | 80,000            |
|   | TBD  | CPP Funds   |                  | 140,000          | 140,000           |
|   | TBD  | Ed Prog Sponsorships  |                  | 15,000           | 15,000            |
|   | TBD  | Innovation  |                  | 70,000           | 70,000            |

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Version 1

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## External Affairs

| Template Type                 | Org/Vendor/Provider   | Description  | Budget           | Proposed         | Proposed Plus One |
|-------------------------------|-----------------------|--|------------------|------------------|-------------------|
| Sponsorships                  | Unspecified           | Unanticipated sponsorships   |                  | 100,000          | 100,000           |
|                               |                       | Legislative Related  |                  | 250,500          | 259,000           |
| <b>Total Sponsorships</b>     |                       |  |                  | <b>655,500</b>   | <b>664,000</b>    |
| Training                      | Lynda.com             | Videography, photography and video editing online training."   | 2,500            |                  |                   |
|                               | TBD                   | Adobe Training   |                  | 3,000            | 3,000             |
|                               | TBD                   | Ed Prog Training   |                  | 2,500            | 2,500             |
|                               | TBD                   | Management/technical training for staff  | 500              |                  |                   |
|                               | TBD                   | Online Team Software Training in support of Busines Plan Level III Training  | 3,100            | 3,000            | 3,000             |
|                               | TBD                   | Staff Indiv Training   |                  | 1,399            | 1,399             |
|                               | TBD                   | Staff New Technology Training TBD  | 5,000            | 3,000            | 3,000             |
|                               | TBD                   | Training for Legislative Staff   |                  | 7,000            | 7,000             |
|                               | TBD                   | Training for staff   |                  | 11,000           | 11,000            |
|                               | TBD                   |  | 9,300            | 11,000           | 11,000            |
|                               | Undetermined          | Staff Training   | 3,200            | 5,000            | 5,000             |
|                               | Unspecified           | Attendance at seminars/training  | 1,000            | 3,000            | 3,000             |
|                               | Unspecified           | Management professional training to complement inhouse training  | 1,000            | 2,500            | 2,500             |
|                               | Unspecified           | Media relations  | 1,900            | 1,900            | 1,900             |
|                               | <b>Total Training</b> |  |                  | <b>27,500</b>    | <b>54,299</b>     |
| Travel                        | Public Outreach       | "Legislative inspection trips (\$90,000); travel related to participation in legislative activities in Sacramento and Washington (\$70,000)"           |                  |                  | 160,000           |
|                               | TBD                   | Board and committee meetings   |                  |                  | 75,000            |
|                               | TBD                   | Event Travel   |                  | 1,500            |                   |
|                               | TBD                   | Event travel   |                  |                  | 1,500             |
|                               | TBD                   | Staff travel - Board & Committee meetings, special events.   | 69,000           |                  |                   |
|                               | TBD                   | Staff travel-Board and committee meetings  |                  | 75,000           |                   |
|                               | Undetermined          | Travel cost related to off hours events  | 500              |                  |                   |
|                               | Undetermined          | Travel cost related to off hours events and field assignments  |                  | 1,000            | 1,000             |
|                               | Undetermined          |  | 2,000            | 4,000            | 4,000             |
|                               | Unspecified           | "Legislative inspection trips (\$85,000); travel related to participation in legislative activities in Sacramento and Washington (\$20,000)"           | 110,000          |                  |                   |
|                               | Unspecified           | "Legislative inspection trips (\$90,000); travel related to participation in legislative activities in Sacramento and Washington (\$70,000)"           |                  | 160,000          |                   |
|                               | Unspecified           | "Travel expense for photo coverage of offsite events including Solar Cup, Cal Con Expo, World Water Forum and CRA shutdowns"                           | 2,200            | 4,000            | 4,000             |
|                               | Unspecified           | "Travel for CPP, education and conservation activities"  | 5,000            | 4,000            | 4,000             |
|                               | Unspecified           | "Travel related to legislative activities, Board meetings and special events."   | 46,000           | 46,000           | 46,000            |
|                               | Unspecified           | "Travel related to legislative activities, Board meetings, special events and legislative trips."  | 55,000           | 55,000           | 55,000            |
|                               | Unspecified           | Buses for DVL Field Trip Program (\$20,000), Educ. Advisory Meetings and Conferences (\$5,000), Solar Cup (\$70,000), WWF (\$2,000)                    | 97,000           |                  |                   |
|                               | Unspecified           | Community Leader Breakfast Briefings   |                  | 20,000           | 20,000            |
|                               | Unspecified           | Community Leader Breakfast Briefings (6 @ \$5K)  | 30,000           |                  |                   |
|                               | Unspecified           | Educ. Advisory Meetings and Conferences (5K), Ed Inspection Trips (15K) Solar Cup (70K), Ed Pipeline to Wtr. Industry (\$2,000), Ed Outreach Mtgs (5K) |                  | 97,000           | 97,000            |
|                               | Unspecified           | Education CRA Inspection Tour (\$12,000)   | 12,000           |                  |                   |
|                               | Unspecified           | Public Outreach, press checks, and press events (\$8,000) and media trips (\$29,000)   | 37,000           | 15,000           | 15,000            |
|                               | Unspecified           | Travel associated with Community Partnering presentations  | 5,000            | 4,000            | 4,000             |
|                               | Unspecified           | Travel associated with shutdown activities and special events.   | 10,000           | 10,000           | 10,000            |
|                               | Various               | "Costs associated with SWP/Bay-Delta, CRA, CRA/Hoover and Local/regional trips including transportation, meals, and lodging.                           | 1,300,000        | 1,433,000        | 1,433,000         |
|                               |                       | Travel related costs associated with Business Outreach Conferences and the Innovation Program  | 25,650           |                  |                   |
|                               |                       | Travel related costs associated with Business Outreach Conferences and the Innovation Program, CRA Inspection Trip                                     |                  | 37,000           | 37,000            |
|                               |                       | Travel related costs associated with the Hoover / Colorado River Aqueduct Inspection Trips   | 25,000           |                  |                   |
| <b>Total Travel</b>           |                       |  | <b>1,831,350</b> | <b>1,966,500</b> | <b>1,966,500</b>  |
| <b>Total External Affairs</b> |                       |  | <b>6,440,924</b> | <b>7,023,819</b> | <b>6,911,444</b>  |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## General Manager's Office

| Template Type                         | Org/Vendor/Provider        | Description      | Budget         | Proposed       | Proposed Plus One |
|---------------------------------------|----------------------------|------------------|----------------|----------------|-------------------|
| Memberships                           |                            | GM Discretion    | 5,000          |                |                   |
|                                       |                            | PE license       | 150            | 150            | 150               |
| <b>Total Memberships</b>              |                            |                  | <b>5,150</b>   | <b>150</b>     | <b>150</b>        |
| Professional Services                 | Ed Smith                   | CRA              |                | 100,000        | 100,000           |
|                                       | Ed Smith                   |                  | 100,000        |                |                   |
|                                       | MLE Consulting             |                  | 105,000        |                |                   |
|                                       | Silva & Silva              | CRA              |                | 200,000        | 200,000           |
|                                       | Sustainable Strategies LLC |                  | 140,000        |                |                   |
| <b>Total Professional Services</b>    |                            |                  | <b>345,000</b> | <b>300,000</b> | <b>300,000</b>    |
| Sponsorships                          |                            | GM Discretion    |                | 5,000          | 5,000             |
| <b>Total Sponsorships</b>             |                            |                  |                | <b>5,000</b>   | <b>5,000</b>      |
| Training                              | CLE                        | CLE Law of River | 1,000          | 1,000          | 1,000             |
|                                       |                            | registration     |                | 500            | 500               |
|                                       |                            |                  | 500            |                |                   |
| <b>Total Training</b>                 |                            |                  | <b>1,500</b>   | <b>1,500</b>   | <b>1,500</b>      |
| Travel                                |                            | meals            |                |                | 100               |
|                                       |                            | melas            |                | 100            |                   |
|                                       |                            | mileage          |                | 100            | 100               |
|                                       |                            | travel           | 165,000        |                |                   |
|                                       |                            |                  | 100            | 101,000        | 101,000           |
| <b>Total Travel</b>                   |                            |                  | <b>165,100</b> | <b>101,200</b> | <b>101,200</b>    |
| <b>Total General Manager's Office</b> |                            |                  | <b>516,750</b> | <b>407,850</b> | <b>407,850</b>    |

## Human Resources

| Template Type | Org/Vendor/Provider                   | Description  | Budget | Proposed | Proposed Plus One |
|---------------|---------------------------------------|--|--------|----------|-------------------|
| Memberships   | ATD                                   | Association for Training & Development: Access to webinars and reports                   |        | 259      | 259               |
|               | ATDLA                                 | Access to webinars and reports   | 85     |          |                   |
|               | ATDLA                                 | Association for Talent Development -Los Angeles Chapter: Access to webinars and reports  |        | 85       | 85                |
|               | AWI                                   | Investigations Prof Org  | 1,500  |          |                   |
|               | Assoc for Trng & Develp               | Access to webinars and reports   | 229    |          |                   |
|               | Assoc of Training & Devel             | Individual Memberships (4)   | 800    |          |                   |
|               | Association of Training & Development | Individual memberships (4 standard @ \$259 each and 1 premium @ \$369 each)              |        | 1,405    | 1,405             |
|               | BoardSource                           | Access to webinars and reports   | 129    | 129      | 129               |
|               | CA Assoc Equal Rts Pros               | EEO Professional Org   | 95     |          |                   |
|               | CALPERLA                              | Professional Organization Expertise  |        | 350      | 350               |
|               | CALPERLA                              | Professional Organization Expertise  | 350    |          |                   |
|               | CFP                                   | Certified Financial Planner Certification (1)  |        | 500      |                   |
|               | CODESP                                | Corp Org for Devl of emp Selection Procedures  | 3,450  |          |                   |
|               | COSIPA                                | Membership (1 @ \$150)   |        | 150      | 150               |
|               | CRC                                   | Certified Retirement Specialist Certification (1)  | 350    |          | 350               |
|               | Center for Creative Leadership (CCL)  | Individual membership(1 @ \$416 each)  |        | 416      | 416               |
|               | Chronus                               | CPI assessments  |        | 8,000    | 8,000             |
|               | HR.com                                | Access to webinars and reports   | 300    | 300      | 300               |
|               | IHRIM                                 | HRIS   | 300    |          |                   |
|               | IHRIM                                 | International Association for Human Resource Information Management (2-year renewal fee) |        |          | 435               |
|               | Institute of Mgmt Studies             | Corporate Membership Fee (1)   | 3,600  |          |                   |
|               | Institute of Management Studies       | Corporate membership fee   |        | 3,600    | 3,600             |
|               | International Coaches Federation      | Individual Memberships (2)   | 400    |          |                   |
|               | International Coaches Federation      | Individual membership (2 @ \$245 each)   |        | 490      | 490               |
|               | Leibert Cassidy Whitmore              | Corporate membership fee   |        | 3,200    | 3,200             |

# Metropolitan Water District of Southern California

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Human Resources

| Template Type                            | Org/Vendor/Provider                                | Description   | Budget         | Proposed       | Proposed Plus One |
|--|--|---|----------------|----------------|-------------------|
| Memberships                              | Leibert, Cassidy & Whitmore                        | Corporate Membership Fee (1)  | 3,200          |                |                   |
|  | Morning Star                                       | Morning Star Subscription   | 200            |                |                   |
|  | NAGDCA   | National Assoc of Gov't Def Cont Admin's (2)  | 600            |                |                   |
|  | NAGDCA   | National Association of Government Defined Contribution Administrators membership (1) |                | 600            | 600               |
|  | Notary   | Deferred comp Membership. Cert 1 and re-cert 2.                                       | 400            |                |                   |
|  | Notary   | Renewals (Every four years)   |                | 600            |                   |
|  | Org Development Network                            | Individual Memberships (2)  | 400            |                |                   |
|  | Org Development Network                            | Individual membership (2 @ \$200 each)  |                | 400            | 400               |
|  | PIHRA  | Professionals In Human Resources Association membership                               |                | 250            | 250               |
|  | PIHRA/SHRM   | Prof in HR ssoc & Society of HR Mgmt (2)  | 500            |                |                   |
|  | PRIMA  | Membership (1 @ \$150)  |                | 150            | 150               |
|  | Professionals in HR Assoc                          | Professional Organization Expertise   | 150            |                |                   |
|  | Quest Oracle Community                             | Professional Membership (2 @ \$395 each)  |                | 790            | 790               |
|  | SCPLRC   | Professional organizations designed to enhance subject matter expertise               |                | 200            | 200               |
|  | SCPLRC   | Professional organizations designed to enhance subject matter expertise.              | 200            |                |                   |
|  | SHRM   | Corporate membership  |                | 200            | 200               |
|  | SHRM   | Membership (10) @ \$209 each  |                | 2,090          | 2,090             |
|  | SHRM   | Society for Human Resource Management membership                                      |                | 500            | 500               |
|  | SHRM   | Society of HR Mgmt 7 Memberships  | 1,393          |                |                   |
|  | San Gabriel Valley Employment Relations Consortium | San Gabriel Valley Employment Relations Consortium (LCW)                              |                | 3,400          | 3,400             |
|  | Society of HR Managment                            | Corporate Membership Fee (1)  | 200            |                |                   |
|  | Society of Industrial & Org Psychologists          | Access to webinars and reports  |                | 120            | 120               |
|  | Society of Industrial&Org Psychologists            | Access to webinars and reports  | 100            |                |                   |
| World at Work                            | Membership (5) @ \$265 each                        |   | 1,325          | 1,325          |                   |
| World at Work                            | World at Work Memberships 4                        | 1,060   |                |                |                   |
| <b>Total Memberships</b>                 |  |   | <b>19,991</b>  | <b>29,509</b>  | <b>29,194</b>     |
| Outside Services - Non Prof              | Direct Path (Patient Care)                         | Assists employees resolving confidential medical claims                               | 40,000         |                |                   |
|  | Eskill   | Assessment Material Provider  | 6,000          |                |                   |
|  | Eskill   | Assessment materials provider   |                | 6,000          | 6,000             |
|  | HR Direct  | Compliance poster update service  |                | 1,900          | 1,900             |
|  | HR Simplified                                      | FSA provider  |                | 36,000         | 36,000            |
|  | Korn Ferry   | Assessment Material Provider  | 7,500          |                |                   |
|  | Korn Ferry   | Assessment materials provider   |                | 7,500          | 7,500             |
|  | OC Tanner  | Retirement Awards   | 8,000          | 8,300          | 8,300             |
|  | Pre-Employ   | Background Check Vendor   | 24,000         |                |                   |
|  | Pre-Employ   | Background check vendor   |                | 40,000         | 40,000            |
|  | SurveyMonkey                                       | Online tool for Survey and Polling  |                | 600            | 600               |
|  | TBD  | 12 month subscription of unlimited diversity job postings                             | 6,000          |                |                   |
|  | TBD  | Company Store   | 5,000          | 5,000          | 5,000             |
|  | TBD  | Management Forum  | 35,000         | 35,000         | 35,000            |
| TBD                                      | Service Award Program                              | 100,000   | 100,000        | 100,000        |                   |
| <b>Total Outside Services - Non Prof</b> |  |   | <b>231,500</b> | <b>240,300</b> | <b>240,300</b>    |
| Professional Services                    | Baromedical  | Diver physicals   |                | 10,000         |                   |
|  | Baromedical  | Diver physicals   |                |                | 10,000            |
|  | Baromedical  | Driver physicals  | 9,000          |                |                   |
|  | BeNeca Griffin                                     | Branding & Stress Mgmt Trainers for Mgmt Accademy                                     | 4,000          | 4,000          | 4,000             |
|  | Biddle Consulting Group                            | Nondiscrimination Prep  |                |                | 13,500            |
|  | CCMS   | Worker's Compensation claim administration  | 150,000        | 200,000        | 200,000           |
|  | Cvent Services                                     | Report for Board on Dept Head Evaluations   |                | 8,000          | 8,000             |
|  | Dr. Randall  | Medical consultation services and pre-employment exams                                | 45,000         | 45,000         | 45,000            |
|  | Glendale Adventist                                 | MedVan Services including hearing conservation program                                | 160,000        | 165,000        | 165,000           |
|  | Healthpointe                                       | Pre-employment exams  | 15,000         | 15,000         | 15,000            |
|  | La Paz Medical - Desert                            | Pre-employment exams  | 5,000          | 5,000          | 5,000             |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

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Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Human Resources

| Template Type                      | Org/Vendor/Provider                              | Description   | Budget           | Proposed         | Proposed Plus One |        |
|------------------------------------|--|---|------------------|------------------|-------------------|--------|
| Professional Services              | MMUG   | Unit Manager Training   | 30,000           | 30,000           | 30,000            |        |
|                                    | National Safety Compliance                       | DOT drug & alcohol testing/consulting   | 10,000           | 10,000           | 10,000            |        |
|                                    | New Horizons & Others                            | Onsite classes (4) and 20 MSOffice classes  | 20,000           | 20,000           | 20,000            |        |
|                                    | Premier Valley Health                            | Pre-employment exams  | 10,000           | 15,000           | 15,000            |        |
|                                    | Starlight  | Computer Skills Training 25 full days-2 hr modules  | 15,000           | 15,000           | 15,000            |        |
|                                    | Survey Monkey                                    | Confidential Account for Various Events   | 190              | 190              | 190               |        |
|                                    | Survey Monkey                                    | Confidential Account for Voices Survey  | 350              |                  |                   |        |
|                                    | Survey Monkey                                    | Confidential account for Survey   |                  | 360              | 360               |        |
|                                    | Syntrio  | EEO Mandatory Training  |                  |                  | 13,000            |        |
|                                    | TBD  | Company Picnic  | 100,000          |                  |                   |        |
|                                    | TBD  | EAP Contract  | 46,600           | 46,600           | 46,600            |        |
|                                    | TBD  | EEO Mandatory Training  | 11,025           |                  |                   |        |
|                                    | TBD  | Employee Appreciation Events  |                  | 100,000          | 100,000           |        |
|                                    | TBD  | Federal Compliance  | 7,875            |                  |                   |        |
|                                    | TBD  | Nondiscrimination Prep.   | 13,500           |                  |                   |        |
|                                    | TBD  | Recognition Programs  |                  | 60,000           | 60,000            |        |
|                                    | TBD  | Service System for Board on Dept Head Evals   | 8,000            |                  |                   |        |
|                                    | TBD  | Wellness & Recognition Programs   | 120,000          |                  |                   |        |
|                                    | TBD  | Wellness Program  |                  | 60,000           | 60,000            |        |
|                                    | TechnoMedia (Hodes)                              | Applicant tracking system   |                  |                  | 21,000            | 21,000 |
|                                    | TechnoMedia (Hodes)                              | Applicant Tracking System   | 42,000           |                  |                   |        |
|                                    | Various  | Coaching  | 30,000           | 30,000           | 30,000            |        |
|                                    | Various  | Coaching (5 at \$1,500/session, 8 sessions)   |                  | 60,000           | 60,000            |        |
|                                    | Various  | Coaching 5 at \$1,500 per session   | 60,000           |                  |                   |        |
|                                    | Various  | Consultants   |                  | 100,000          | 100,000           |        |
|                                    | Various  | Hire vendors to assist Eric and Kelly rolling out of their traditional rolls and allow for the time to train new trainers.  |                  |                  | 65,000            |        |
|                                    | Various  | Hire vendors to assist Eric and Kelly rolling out of their traditional rolls and allow for the time to train new trainers. This provides additional 60 hours of training coverage/coaching. |                  | 72,000           |                   |        |
|                                    | Various  | Training Admin Skills 5 classes @ \$3000 ea   |                  | 15,000           | 15,000            |        |
|                                    | Various  | Training Admin Skills 5 classes @ \$3K ea   | 15,000           |                  |                   |        |
|                                    | Various  | Training Presentation Skills 5 classes @ \$3000 ea  |                  | 15,000           | 15,000            |        |
|                                    | Various  | Training Presentation Skills 5 classes @ \$3K ea  | 15,000           |                  |                   |        |
|                                    | Various  | Training in Writing Skills (12 Sessions)  |                  | 36,000           | 36,000            |        |
| Various                            | Training in Writing Skills 12 Dates              | 36,000  |                  |                  |                   |        |
| Various                            | consultants                                      | 100,000   |                  |                  |                   |        |
| Wix                                | Wellness Program Website Host                    | 300   |                  |                  |                   |        |
| iCims                              | Applicant Tracking System                        | 47,820  |                  |                  |                   |        |
| iCims                              | Applicant tracking system                        |   | 63,000           | 65,000           |                   |        |
| <b>Total Professional Services</b> |  |   | <b>1,126,660</b> | <b>1,221,150</b> | <b>1,242,650</b>  |        |
| Sponsorships                       |  |   |                  | 15,000           | 15,000            |        |
| <b>Total Sponsorships</b>          |  |   |                  | <b>15,000</b>    | <b>15,000</b>     |        |
| Training                           | ACWA Assoc of Water Agencies                     | Water Law Updates   | 1,400            | 1,400            | 1,400             |        |
|                                    | CALPERA  |   |                  |                  | 1,400             |        |
|                                    | CalPERA  | Public Law Updated  | 1,020            |                  |                   |        |
|                                    | CalPERA  | Public Law Updates  |                  | 1,020            | 1,020             |        |
|                                    | CalPERS  | Employers Educational Forum (1 staff)   |                  | 400              | 400               |        |
|                                    | CalPERS Forum                                    | Emp Edu Forum 3 ppl for 3 days  | 1,100            |                  |                   |        |
|                                    | CalPERS Forum                                    | Employers Educational Forum (3 Staff)   |                  |                  | 1,500             |        |
|                                    | CalPERS Forum                                    | Employers Educational Forum (3)   |                  | 1,500            |                   |        |
|                                    | Chronus  | Software Serv(5k) classroom materials (2K) Strength Finder Assessments(1K)  | 8,000            |                  |                   |        |
|                                    | Franklin Covey                                   | 150 licenses @ \$200 each   | 30,000           | 30,000           | 30,000            |        |
|                                    | Human Capital Management Institute / Bersin 2019 | HR Analytics Training   | 1,500            | 1,795            | 1,795             |        |
|                                    | Institute for Mngmt Devlp                        | Management Devel Training 70 seats @ \$425 ea   | 30,000           |                  |                   |        |
|                                    | LCW  | Libert Cassidy Whitmore. Annual Legal Conf Update   | 600              |                  |                   |        |

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Human Resources

| Template Type | Org/Vendor/Provider             | Description  | Budget | Proposed       | Proposed Plus One |                |
|---------------|---------------------------------|--|--------|----------------|-------------------|----------------|
| Training      | LCW-Leibert, Cassidy & Whitmore | Training for approx 50 managers a year @\$45 ea  | 2,500  |                |                   |                |
|               | Libert Cassidy                  | Legal Updates  | 475    |                |                   |                |
|               | Libert Cassidy Whitmore         | Legal Updates  |        | 475            | 475               |                |
|               | Liebert Cassidy Whitmore        | Training for 50 managers @ \$45 each   |        | 2,250          | 2,250             |                |
|               | LinkedIn Learning               | \$40,000 annual for 1000 users   |        | 40,000         | 40,000            |                |
|               | Oracle                          | PeopleSoft Training Course for 2 staff   |        | 10,000         | 10,000            |                |
|               | Oracle/Quest                    | IT Conf for Benefits Admin in PeopleSoft   | 1,400  |                |                   |                |
|               | Oracle/Quest/HR Tech            | IT Conference for Benefits/Admin in PeopleSoft   |        |                | 2,000             |                |
|               | Quest                           | People Soft Training   | 4,580  |                |                   |                |
|               | SHRM                            | Benefits, Admin & Leadership Development   | 1,800  |                |                   |                |
|               | Skillsoft                       | District Wide Training   | 46,000 |                |                   |                |
|               | Social Talent                   | License (7) to access training content   |        | 10,000         | 10,000            |                |
|               | Social Talent                   | Seven licenses to access training content manually.  | 10,000 |                |                   |                |
|               | TBD                             | Benefits, Admin and Leadership development   |        | 2,800          |                   |                |
|               | TBD                             | Local training on employment law, labor relations, EEO and HR/IT issues.   | 4,200  | 4,200          | 4,200             |                |
|               | TBD                             | Local trainings on labor relations issues  |        | 3,000          | 3,000             |                |
|               | TBD                             | Various Local Conferences  | 3,000  |                |                   |                |
|               | TBD                             | Various local conferences  |        | 3,000          | 3,000             |                |
|               | TBD                             | Worker's Compensation training   |        | 600            | 600               |                |
|               | Thoughtexchange                 |  |        |                | 24,000            | 24,000         |
|               | Various                         | "ACA,FMLA,PEPRA, COBRA seminars/webinars"  | 1,600  |                |                   |                |
|               | Various                         | ACA, FMLA, PEPRA, COBRA seminars/webinars  |        | 2,200          | 1,800             |                |
|               | Various                         | CPI Assesment for Mgt Academy (\$1K), 360 evals for MMUG (\$9K)  | 10,000 |                |                   |                |
|               | Various                         | Dist Wide Training 4 days @ \$2,500 ea   | 10,000 |                |                   |                |
|               | Various                         | Trainings provided by CALPELRA and other vendors   |        | 2,000          | 2,000             |                |
|               | Various                         | Various Local Conferences  | 500    |                |                   |                |
|               | Various                         | Various Local trainings  |        | 500            | 500               |                |
|               | World at Work                   | Compensation training (4 staff)  |        | 5,000          | 5,000             |                |
|               | World at Work /Others           | Compensation Training for 4 people   | 8,000  |                |                   |                |
|               | <b>Total Training</b>           |  |        | <b>177,675</b> | <b>146,140</b>    | <b>146,340</b> |
| Travel        | Affirm Action Legal             | Travel to SF, one staff  | 1,000  | 1,000          | 1,000             |                |
|               | BCGI Div & Inc.                 | Travel to SF, one staff  | 1,000  | 1,000          | 1,000             |                |
|               | CALPELRA                        | Conference to Monterey, max two staff  | 2,800  |                |                   |                |
|               | CALPERA                         | CALPERA Conference   |        |                | 3,500             |                |
|               | CALPERS Forum                   | CALPERS Forum  |        |                | 3,500             |                |
|               | CalPERS                         | Conference for 3   | 3,200  |                |                   |                |
|               | CalPERS                         | Travel for CalPERS training  |        | 1,200          | 1,200             |                |
|               | CalPERS Forum                   | CalPERS Forum  |        | 3,300          |                   |                |
|               | EEO/EMP LAW                     | Travel to SF, one staff  | 1,000  | 1,000          | 1,000             |                |
|               | LCW                             | 2 day conference for 1 staff member  | 800    |                |                   |                |
|               | LCW                             | Conference to SF or So CA, one staff   | 1,200  |                |                   |                |
|               | LCW                             | Liebert Cassidy Whitmore Annual Legal Conference   |        | 1,600          |                   |                |
|               | NAGDA                           | Conference for 2   | 2,600  |                |                   |                |
|               | NAGDCA                          | Annual NAGDCA Conference   |        | 2,800          | 2,800             |                |
|               | Oracle                          | Oracle Conference  |        | 1,800          |                   |                |
|               | Oracle/Quest                    | Conference   | 2,300  |                |                   |                |
|               | Oracle/Quest/HR Tech            | Travel for new technology updates conferences  |        |                | 3,000             |                |
|               | Pension and Investment          | Various travel to Pensions/Investment conferences  |        | 2,800          |                   |                |
|               | SHRM                            | Benefits Admin & Leadership Devl   | 2,100  |                |                   |                |
|               | TBD                             | Local Travel Expenses  | 200    |                |                   |                |
|               | TBD                             | Local travel expenses  |        | 200            | 200               |                |
|               | TBD                             | Various travel to labor relations conferences  |        | 1,500          | 1,500             |                |
|               | Various                         | Conferences & Seminars for Unit Members. Association for Training and Development, Society for Human Resource Development or Chief Learning Officer Symposium, Organization Development Network or International Coaches Federation conference, as appropriate, depending on agenda and topics of interest to MWD. | 5,000  |                |                   |                |

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## Human Resources

| Template Type                | Org/Vendor/Provider | Description   | Budget           | Proposed         | Proposed Plus One |
|------------------------------|---------------------|---|------------------|------------------|-------------------|
| Travel                       | Various             | Conferences & seminars for Unit Members - ATD, Society for HR Dev., Chief Learning Officer Symposium, Org Dev Network, ICF, and others as appropriate, depending on agenda and topics of interest to MWD  |                  |                  | 7,000             |
|                              | Various             | Conferences & seminars for Unit Members - ATD, Society for HR Dev., Chief Learning Officer Symposium, Org Dev Network, ICF, and others as appropriate, depending on agenda and topics of interest to MWD. Includes training (AchieveForum, Success Signals, Franklin Covey for 1 new hire in 20-21) |                  | 11,000           |                   |
|                              | Various             | For traveling to sites or training  | 4,000            |                  |                   |
|                              | Various             | Hotel/Air for Conferences   | 8,600            | 8,600            | 8,600             |
|                              | Various             | Inspection Trip Tours   | 4,000            | 4,000            | 4,000             |
|                              | Various             | Mileage and meal reimbursement throughout the District and/or local meetings  | 500              |                  |                   |
|                              | Various             | Site visits for financial education, retirement and open enrollment.  | 3,000            |                  |                   |
|                              | Various             | Transportation to various district locations to deliver training and coordinate mentoring and Management Academy  | 5,000            |                  |                   |
|                              | Various             | Transportation to various district locations to deliver training and coordinate mentoring and Management Academy  |                  | 5,000            | 5,000             |
|                              | Various             | Travel to sites and/or training   |                  | 4,000            | 4,000             |
|                              | Various             | Travel to two conferences   |                  | 4,000            | 4,000             |
|                              | Various             | Travel to various locations for conferences/seminars/trainings  |                  | 6,000            | 6,000             |
|                              | Various             | Travel to various locations for trainings and conferences   |                  | 2,000            | 2,000             |
|                              | Various             | Two Conferences   | 6,600            |                  |                   |
|                              | Various             | Various travel to Benefits/Admin conferences  |                  | 1,700            | 1,200             |
|                              | Various             | Various travel; Two conferences (for 2 staff)   |                  | 6,600            | 6,600             |
| <b>Total Travel</b>          |                     |   | <b>54,900</b>    | <b>71,100</b>    | <b>67,100</b>     |
| <b>Total Human Resources</b> |                     |   | <b>1,610,726</b> | <b>1,723,199</b> | <b>1,740,584</b>  |

## Information Technology

| Template Type | Org/Vendor/Provider                    | Description  | Budget | Proposed | Proposed Plus One |
|---------------|--|--|--------|----------|-------------------|
| Memberships   | AIIM                                   | ECM  | 500    | 250      | 250               |
|               | AWWA                                   | Annual AWWA membership for two.  | 150    | 150      | 150               |
|               | AWWA, WEF                              | Professional association   | 400    |          |                   |
|               | AWWA, WEF                              | Professional associations  |        | 600      | 600               |
|               | American Registry for Internet Numbers | "Maintain MWD domain name registry, MWDH2O.COM, Bewaterwise.com etc."  | 500    | 500      | 500               |
|               | Board of Professional Engineers        | PE license renewal   | 270    | 270      | 270               |
|               | DWI                                    | Data Warehouse Institute   | 500    |          |                   |
|               | Gartner                                | Gartner for IT Leaders service provides IT research, analysis, benchmarking, vendor comparisons, and evaluation of new technology. Gartner has superior data on benchmarking and superior Oracle analysts. | 58,000 |          |                   |
|               | IOUG                                   | Oracle User Group (International)  |        | 300      | 300               |
|               | ISACA                                  | Professional Association for Cybersecurity   |        | 1,000    | 1,000             |
|               | ITIL                                   | Professional Membership  |        | 150      | 150               |
|               | MISAC                                  | MISAC Award Application Fee  | 300    |          |                   |
|               | MISAC                                  | Municipal Association  |        | 1,000    | 1,000             |
|               | MISAC                                  | Promotes more effective and efficient municipal government through increased cooperation with other MIS professionals.   | 500    |          |                   |
|               | Oracle                                 | Oracle User Group  | 500    | 500      | 500               |
|               | P.E. License                           | Renewal Alex E.  |        | 150      | 150               |
|               | P.E. License                           | Renewal for Azmi   | 150    |          |                   |
|               | PE                                     | PE license   | 200    | 200      | 200               |
|               | PE License                             | PE License Renewal for 4 FTE's   | 600    | 600      | 600               |
|               | PMI                                    | PMI Certification / Membership   | 150    | 150      | 150               |
|               | PMI                                    | Project Management Institute   | 500    | 250      | 250               |
|               | PMP License                            | PMP License Renewal for 3 FTE's  | 300    | 300      | 300               |
|               | PMP Membership                         | PMP Membership   | 500    | 500      | 500               |
|               | Project Management Institute (PMI)     | Leading non-profit project management professional association   | 500    | 500      | 500               |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Information Technology

| Template Type                            | Org/Vendor/Provider                 | Description   | Budget         | Proposed       | Proposed Plus One |
|--|-------------------------------------|---|----------------|----------------|-------------------|
| Memberships                              | Project Management Institute (PMI)  | PMI Continuing Education Credit Registration fee  | 1,600          |                |                   |
|  | Scrum Master                        | Professional Membership   |                | 150            | 150               |
|  | State Water Resources Control Board | D2 and T2 certification renewal for two staff.  | 240            | 240            | 240               |
|  | Steve Heckler                       | COP CIO/CISO Forum  |                | 6,000          | 6,000             |
|  | Water ISAC                          | Professional Association for Cybersecurity  |                | 5,500          | 5,500             |
|  | Water and Wastewater Association    | Provides its members with the unique opportunity to discuss specific IT challenges and solutions with their utility industry counterparts.            | 500            | 500            | 500               |
| <b>Total Memberships</b>                 |                                     |   | <b>66,860</b>  | <b>19,760</b>  | <b>19,760</b>     |
| Outside Services - Non Prof              | 911 ETC, INC.                       | Desert locations 911 (All 4 locations)  | 3,000          |                |                   |
|  | 911 ETC, Inc./RedSky                | Desert locations 911 Installation   |                | 50,000         |                   |
|  | 911 ETC, Inc./RedSky                | Desert locations 911 installation   |                |                | 50,000            |
|  | APC, Eaton                          | UPS/Battery Plant Replacements  |                | 20,000         | 20,000            |
|  | Cibola                              | To provide Service and Maintenance on Equipment in the Board Room and Committee Rooms   | 34,000         |                |                   |
|  | Coresite                            | Lease and expenses associated with Coresite   |                | 141,000        | 141,000           |
|  | DataCenter                          | Outside Services Associated with Datacenter Primary   |                |                | 339,000           |
|  | DataCenter                          | Outside Services Associated with Datacenter Secondary   |                | 168,750        | 175,000           |
|  | Drive Savers                        | Hard drive recovery   | 7,000          | 7,000          | 7,000             |
|  | Easy On Hold                        | On Hold Music   |                | 8,000          | 8,000             |
|  | Electrical (NGH, Roscier)           | Break/Fix electrical work at remote locations   |                | 15,000         | 15,000            |
|  | Electrical (NGH, Roscier)           | Install and repair communication sites (roofing, walls, doors, painting and surrounding weed removal).  | 12,000         |                |                   |
|  | Facilities Protection Systems       | Fire Suppression System   |                | 2,000          | 2,000             |
|  | Generator Maint. (Odyssey)          | Telecom site generator service, tune, change parts, quarterly maintenance and routine inspection  |                | 20,000         | 20,000            |
|  | Generator Maint. (Odyssey)          | Telecom site generator service, tune, change parts, quarterly maintenance and routine inspection.   | 20,000         |                |                   |
|  | IridiumGo                           | Satellite Hotspot service for Disaster Recovery   | 800            | 800            | 800               |
|  | LM UPS Maint.                       | (New) Lake Mathews UPS Maintenance  | 8,000          |                |                   |
|  | MIR3                                | Emergency Notification System for mass notification in an emergency.  | 10,000         |                |                   |
|  | Microwave Maint. (Acme RF)          | Microwave installation and maintenance services, repairs, inspection, realignment of microwave dishes (70)  | 50,000         | 20,000         | 20,000            |
|  | Music On-Hold                       | Provide music on-hold services for customers  | 1,000          |                |                   |
|  | Network Cabling Services            | SmartBoard's, Wireless AP's, Phones, Network Jacks  |                | 49,000         | 49,000            |
|  | Networker Cabling Services          | Perform copper and fiber cabling and repairs.   | 15,000         |                |                   |
|  | PremierSolutionsCo.                 | Data Center cleaning for Union Stations and Lake Mathews  | 10,000         | 17,000         | 18,000            |
|  | Propane Services (A&B)              | Service to deliver and load propane for field generators  | 22,000         | 22,000         | 22,000            |
|  | TBD                                 | Data Center Electrical repairs, retrofits, etc. Union Station and Lake Mathews  | 10,000         |                |                   |
|  | UPS Maintenance (M.C. Dean)         | UPS Maintenance (Lake Matthews)   |                | 3,500          | 3,500             |
|  | UrgentLink                          | Emergency communication/DR response   |                | 190,000        | 190,000           |
| <b>Total Outside Services - Non Prof</b> |                                     |   | <b>202,800</b> | <b>734,050</b> | <b>1,080,300</b>  |
| Professional Services                    | Asset Partner                       | As needed consulting services for Maximo  | 20,000         |                |                   |
|  | Cibola                              | Board AMX Panel / Programming Support   |                | 25,000         | 25,000            |
|  | Data Splice                         | As needed consulting services for Mobile Technology   | 25,000         |                |                   |
|  | FCC license coordination            | Provides frequency clearance, interference survey studies as required to obtain public notice and FCC licenses.                                       | 4,000          |                |                   |
|  | Gartner                             | Gartner for IT Exec/CIO Essentials  |                | 59,500         | 62,500            |
|  | Gartner                             | Gartner license for research  | 5,000          |                |                   |
|  | Gartner                             | IT technical advisory services - Premier Government, North America  | 56,000         |                |                   |
|  | Gartner                             | Provides its members with the unique opportunity to discuss specific IT leadership challenges and solutions with their utility industry counterparts. |                | 116,000        | 119,000           |
|  | Granicus, Inc.                      | To provide video streaming for Board Room & Committee Rooms and also offsite video storage  | 45,000         |                |                   |
|  | IBM                                 | IBMS/Cognos support   | 25,000         | 25,000         | 25,000            |
|  | IT Security SME                     | Cyber Security Assessment/remediation   | 85,000         |                |                   |
|  | LIMS                                | LIMS Reconfiguration and accreditation and compliance   |                | 25,000         | 25,000            |
|  | MAXIMO                              | On-call services for enhancement and support  |                | 30,000         | 30,000            |
|  | Microsoft                           | Sharepoint/BDMS support   | 25,000         | 50,000         | 50,000            |



# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Information Technology

| Template Type                            | Org/Vendor/Provider  | Description  | Budget           | Proposed         | Proposed Plus One |         |
|--|--|--|------------------|------------------|-------------------|---------|
| Professional Services                    | Network Consulting (Plannet)   | Network consulting for backbone architecture.  | 30,000           |                  |                   |         |
|  | Oracle   | Oracle OEBS support  | 100,000          | 100,000          | 100,000           |         |
|  | Oracle   | PeopleSoft support   | 25,000           | 50,000           | 50,000            |         |
|  | P&T  | Performance Testing  |                  | 5,000            | 5,000             |         |
|  | RGB  | On Call services as needed to support Filenet V5.5   | 20,000           | 20,000           | 20,000            |         |
|  | SME  | Cisco Planning and Design Services integrating Cisco with Data Center technologies: ISE, SDWAN, etc  |                  | 45,000           | 45,000            |         |
|  | SME  | Cybersecurity Incident Response and Forensics, Cybersecurity assessment and remediation  |                  | 50,000           | 100,000           |         |
|  | SME  | FCC License Coordination - Provides frequency clearance, interference survey studies as required to obtain public notice and FCC licenses.   |                  | 2,000            | 2,000             |         |
|  | SME  | Managed Security Operations Services   |                  | 100,000          | 250,000           |         |
|  | SME  | Network Architecture Services to provide infrastructure technology integration and planning: Cisco, Palo Alto, F5, Arista, Vmware, SDWAN, etc  |                  | 50,000           | 50,000            |         |
|  | SME  | On-call services - Incident Reporting  |                  | 25,000           | 25,000            |         |
|  | SME  | P&T (non-capital)  |                  | 130,000          |                   |         |
|  | SME  | PCRP Support Services for 20% Refresh  |                  |                  | 210,000           |         |
|  | SME  | Pen Test, Risk Management, Threat Analysis, Systems Hardening  |                  | 100,000          | 100,000           |         |
|  | SME  | Placeholder for On-Call Database Services  |                  | 100,000          | 100,000           |         |
|  | SME  | Prof. & Tech. to Support BA Team (Ref. reduction of PCN 0852,4603,4604, 4605)  |                  | 450,000          | 750,000           |         |
|  | SME  | Ref. 4606 - Peak Workload  |                  |                  | 203,977           | 225,626 |
|  | SME  | SME related to 'on call' services  | 124,000          |                  |                   |         |
|  | SME  | SME related to business process improvements, initiatives, and requirements definition that do not reach capitalization threshold.   | 58,500           | 100,000          | 100,000           |         |
|  | SME  | SME support for server infrastructure services   |                  | 50,000           | 50,000            |         |
|  | SME  | Support for HQ Relocation  |                  | 281,300          | 135,000           |         |
|  | SME  | Support for PCRP   |                  | 860,000          |                   |         |
|  | SME  | Telephone Services - Provides on going support solving Unify problems: patching, upgrades, system alternatives, etc  |                  | 45,000           | 45,000            |         |
|  | TBD  | (DL + Additives)_  | 96,524           |                  |                   |         |
|  | TBD  | External services associated with HQ Seismic Relocation Project  | 190,500          |                  |                   |         |
|  | TBD  | External services associated with PC Replacement Project   | 821,440          |                  |                   |         |
|  | TBD  | GIS Vendor Services to assist GIS Infrastructure upgrades  | 40,000           |                  |                   |         |
| TBD                                      | GIS Vendor Services to assist with new GIS Infrastructure configuration and support      |  | 40,000           | 40,000           |                   |         |
| TBD Mwdh2o.com                           | Support EA websites  | 8,000  | 50,000           | 100,000          |                   |         |
| TBD-Exchange and UNIX expertise          | Data Center services for Union Station and Lake Mathews                                  | 20,000   |                  |                  |                   |         |
| Work Technology Inc                      | WorkTech support   | 25,000   | 25,000           | 25,000           |                   |         |
| <b>Total Professional Services</b>       |  |  | <b>1,848,964</b> | <b>3,212,777</b> | <b>2,864,126</b>  |         |
| Repairs & Maintenance - Outside Services | Accuvant   | Repair & Maint for remote access appliance which enables staff to remotely control power etc.  | 6,500            | 7,000            | 8,000             |         |
|  | Cibola   | To provide Service and Maintenance on Equipment in the Board Room and Committee Rooms  |                  | 40,000           | 42,000            |         |
|  | Cisco SmartNet   | IT Hardware Maintenance for routers and switches for business network (SmartNet + DHD combo)   |                  | 160,000          | 176,000           |         |
|  | Cisco SmartNet   | (NEW BSDR II) IT Hardware Maintenance for routers and switches for Business network.   | 9,000            |                  |                   |         |
|  | Cisco SmartNet   | IT Hardware Maintenance for routers and switches for business network  | 150,000          |                  |                   |         |
|  | EMC (SAN)  | Repair and Maintenance for Enterprise Servers. Increase due to additional HP systems off 3-yr warranty. HW Support contracts for part replacement and system repairs due to failure covering day and evening support with 4-hour response times. Only critical server systems are covered with these contracts, which support systems such as Metropolitan's Oracle Financials, Peoplesoft, GIS, SCADA, and user data areas. | 216,000          |                  |                   |         |
|  | EMC Switches   | Repairs and maintenance associated with EMC switches   |                  | 6,500            | 147,000           |         |
|  | EMC Unity  | See Detailed List  |                  | 50,000           | 99,000            |         |
| Granicus                                 | Granicus streaming media and webcasting in support of the Board Room and Committee Rooms |  | 48,000           | 50,400           |                   |         |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Information Technology

| Template Type                            | Org/Vendor/Provider                                       | Description  | Budget  | Proposed         | Proposed Plus One |
|--|---|--|---------|------------------|-------------------|
| Repairs & Maintenance - Outside Services | HP, UNIX, Windows   | Repair and Maintenance for Enterprise Servers. Increase due to additional HP systems off 3-yr warranty. HW Support contracts for part replacement and system repairs due to failure covering day and evening support with 4-hour response times. Only critical server systems are covered with these contracts, which support systems such as Metropolitan's Oracle Financials, Peoplesoft, GIS, SCADA, and user data areas. | 200,000 |                  |                   |
|  | MAS Contract  | See Detailed List  |         | 115,000          | 120,000           |
|  | Mwdh2o.com  | Support EA websites  | 132,000 |                  |                   |
|  | Network Load Balancers F5 (Trace 3)                       | Communication hardware maint for appliances that perform load balancing for internet and enterprise apps.  | 70,000  | 77,000           | 85,000            |
|  | Palo Alto   | (New) Palo Alto Maintenance for new Fire Wall and Global Protect   | 30,000  |                  |                   |
|  | Palo Alto   | Palo Alto Maintenance for new Fire Wall and Global Protect - LM DR(\$30k), Gene(\$3K)  |         | 85,800           | 95,800            |
|  | Quest   | See Detailed List  |         | 75,000           | 75,000            |
|  | SME   | 3D Printer Support and Maintenance   |         | 1,000            | 1,000             |
|  | SME   | Oracle Appliance for PCRS, AP Imaging, IBMS  |         | 15,000           | 15,000            |
|  | SUN   | Centralized back-up system   |         | 25,000           | 30,500            |
|  | Source Graphics   | GIS Plotter Support and Maintenance  | 1,500   |                  |                   |
|  | Source Graphics   | Service for Plotters in Engineering, WSO, IT and various field locations - One master agreement.   | 38,000  | 38,000           | 38,000            |
|  | Sun   | Centralized backup system  | 25,000  |                  |                   |
|  | Telephone Sys. Maint. (VoIP - Unify)                      | Hardware Licensing for Unify management, etc. VOIP Maintenance for Telephone system.   | 350,000 |                  |                   |
|  | Telephone System Maintenance                              | Hardware Licensing for Unify management, etc. VOIP Maintenance for Telephone system, & Patching  |         | 375,000          | 413,000           |
|  | Two-Way Radio Maint. (BearCom)                            | (New) Two-Way Radio maintenance service (BearCom)  | 200,000 |                  |                   |
|  | Two-Way Radio Maintenance                                 | Two-Way Radio maintenance service (BearCom)  |         | 200,000          | 220,000           |
|  | Video Conferencing  | Phase out Cisco, add in Smartboard and new video conf. equipment   |         | 25,000           | 28,000            |
|  | Video Conferencing (Cisco )                               | Cisco Video Conferencing service, callibrate, repair & replace throughout Metropolitan   | 14,500  |                  |                   |
|  | <b>Total Repairs &amp; Maintenance - Outside Services</b> |  |         | <b>1,442,500</b> | <b>1,343,300</b>  |
| Training                                 | "Oracle, Microsoft and Maximo"                            | "Training for up to 4 FTE's on Oracle, Peoplesoft & Sharepoint."   | 10,000  |                  |                   |
|  | ACTUATE   | Business Intelligence Reporting Tool/With Maximo 7.5 (2 FTE)   | 5,000   |                  |                   |
|  | Cognos  | Cognos Technology (2 FTE's)  | 6,000   | 6,000            | 6,000             |
|  | Conference Related  | Registration for conferences and seminar (SCADA, and Water Utility).   |         | 2,500            | 2,500             |
|  | Disaster Recovery   | Disaster Recovery/Business Continuity Training Seminar   | 1,200   |                  |                   |
|  | Global Industrial Controls System                         | Global Industrial Controls System certification  | 6,000   |                  |                   |
|  | IBM   | IBM Conference   | 1,500   | 1,500            | 1,500             |
|  | ITIL  | ITIL Trainer Certification - 1 FTE   |         | 1,500            | 1,500             |
|  | Lynda.com   | On-line training   | 1,500   |                  |                   |
|  | Microsoft   | Microsoft Developer License Training (SPTech)  | 3,000   | 3,000            | 3,000             |
|  | Microsoft & Quickstart                                    | Training may include Microsoft annual Tech ED conference, Unix conference, System Center, VMWare, NetBackUp, Storage Seminar, and/or general technical training.   | 14,000  | 14,000           | 14,000            |
|  | OSI Soft  | Control Systems Software   | 5,000   |                  |                   |
|  | Oracle  | Oracle Conference  | 1,500   |                  |                   |
|  | Oracle  | Training for Technology upgrades (Oracle/Peoplesoft)   | 21,000  | 21,000           | 21,000            |
|  | Oracle, Microsoft and Maximo                              | Training for up to 4 FTE's on Oracle, Peoplesoft & Sharepoint  |         | 10,000           | 10,000            |
|  | Oracle/IBM  | Conference Registration  | 1,500   | 2,500            | 2,500             |
|  | PMI   | PDU Credits - 6 FTE  |         | 15,000           | 15,000            |
|  | Plural Sight  | Online IT Courses District Wide  |         | 40,000           |                   |
|  | PluralSight   | Online IT Courses District Wide  |         |                  | 40,000            |
|  | PluralSight   | PluralSight Training   | 2,400   |                  |                   |
|  | Quick Start   | Business Analytics Development   | 9,000   |                  |                   |
|  | Quick Start   | Design and Develop Mobile Technology Apps  | 10,000  |                  |                   |
|  | SANS  | 3 FTE - SANS Institute Training  |         | 25,000           |                   |
|  | SANS  | 5 FTE - Advanced SANS Institute Training   |         |                  | 40,000            |
|  | SANS  | Enterprise Cybersecurity Training  |         | 60,000           | 60,000            |
|  | SME   | DR Training  |         | 2,000            | 2,000             |
|  | SME   | Emerging Technology Training   | 6,500   | 6,500            | 6,500             |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

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Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Information Technology

| Template Type         | Org/Vendor/Provider   | Description   | Budget         | Proposed       | Proposed Plus One |
|-----------------------|---|---|----------------|----------------|-------------------|
| Training              | SME   | GIS and CAD/ProjectWise support training  |                | 7,000          | 7,000             |
|                       | SME   | LIMS Admin Training   |                | 15,000         | 15,000            |
|                       | SME   | MAXIMO Admin Training   |                | 15,000         | 15,000            |
|                       | SQE   | 1 FTE. QA Certification   | 2,000          |                |                   |
|                       | Scrum   | Scrum Trainer Certification - 1 FTE   |                | 1,500          | 1,500             |
|                       | Skillssoft  | Online IT Courses District Wide   | 12,000         |                |                   |
|                       | TBD   | "Up to 8 FTE's to attend classes in VOIP, CISCO router/switches & fiber training"   | 16,000         |                |                   |
|                       | TBD   | TBD   |                | 3,500          | 3,500             |
|                       | TBD   | Up to 8 FTE's to attend classes in VOIP, CISCO router/switches & fiber training   |                | 16,000         | 16,000            |
|                       | Technical/PM Training   | Training for org 1043 (PMP and Technical Disciplines, e.g., Functional Safety).   |                | 7,500          | 7,500             |
|                       | Various   | BA Training   |                | 1,500          | 1,500             |
|                       | Various   | CIP related training that cannot be charged to capital projects   |                | 18,500         | 18,500            |
|                       | Xamarin   | Xamarin University  | 2,000          |                |                   |
|                       | tbd   | "Project Management related training (e.g. Microsoft Project Professional, Project Server, Cost Estimating)"  | 2,000          |                |                   |
|                       | tbd   | GIS and CAD/ProjectWise support training  | 7,000          |                |                   |
|                       | various   | CIP related training that cannot be charged to capital projects   | 18,503         |                |                   |
| <b>Total Training</b> |   |   | <b>164,603</b> | <b>296,000</b> | <b>311,000</b>    |
| Travel                | "Oracle, MicroSoft"   | Travel for OpenTech Ed  | 3,000          |                |                   |
|                       | CES   | 1 FTE. Consumer Electronic Show   | 1,000          | 3,000          | 3,000             |
|                       | CES   | Consumer Electronic Show  | 3,000          | 3,000          | 3,000             |
|                       | Cognos/IBM  | Travel in connection with Conferences   | 2,500          | 2,500          | 2,500             |
|                       | Conference Related  | Travel related to conferences (GIS, SCADA, and Water Utility).  |                | 5,000          | 5,000             |
|                       | Conference Travel   | Travel associated with AWWA ACE 2018 Las Vegas presentation.  | 3,000          |                |                   |
|                       | Disaster Recovery   | Disaster Recovery Training Seminar  | 1,000          |                |                   |
|                       | ECM/Oracle  | Travel in connection with conferences   | 2,500          |                |                   |
|                       | EWS Related   | Travel related to conferences (GIS, SCADA, and Water Utility).  | 10,000         |                |                   |
|                       | Gartner   | 1 FTE. Gartner Training   | 3,000          |                |                   |
|                       | Gartner   | Travel to Data Center Conference  | 1,000          |                |                   |
|                       | Local Travel  | "travel associated with Cognos, Visual Studio and Microsoft training"   | 1,200          | 1,200          | 1,200             |
|                       | Microsoft SharePoint Conference                               | Travel in connection to Training  |                | 4,000          | 4,000             |
|                       | Oracle  | Oracle Conference   | 2,500          | 2,500          | 2,500             |
|                       | Oracle  | Travel for 2 FTE's OpenWorld  |                |                | 5,500             |
|                       | Oracle  | Travel for 2 FTE's for OpenWorld  |                | 5,000          |                   |
|                       | Oracle  | Travel in connection with Oracle Conference   | 2,500          | 2,500          | 2,500             |
|                       | PMI   | Travel to local training  | 500            |                |                   |
|                       | PluralSight/Xamarin University, SPTechCon                     | Travel in connection to Training  | 4,000          |                |                   |
|                       | SME   | Infrastructure Travel associated with conferences and training  |                | 4,000          | 4,000             |
|                       | SME   | Microsoft Conference  |                | 5,000          | 5,500             |
|                       | SME   | Oracle Conference   |                | 5,000          | 5,500             |
|                       | SME   | Travel associated with ESRI User Conference,  |                | 3,000          | 3,000             |
|                       | SME   | Travel associated with GIS Developer Conferences and Training   |                | 3,000          | 3,000             |
|                       | Starwest  | Travel for DEVOPS West  |                | 1,000          | 1,000             |
|                       | TBD   | Travel in connection with conferences   | 5,500          |                |                   |
|                       | TBD   | Travel in connection with training & conferences  |                | 10,000         | 10,000            |
|                       | Travel  | Travel associated with BA Training  |                | 500            | 500               |
|                       | Travel  | Travel associated with conferences & meetings   | 5,000          | 5,000          | 5,000             |
|                       | Utility Mgt, WEFTEC ACE                                       | Travel related to conferences   | 6,000          | 6,000          | 6,000             |
|                       | Various   | (New) Add travel associated with IT staff conducting UAV missions (2 FTE)   |                | 6,000          | 6,000             |
|                       | Various   | Travel associated with training which may include Microsoft annual Tech ED conference, Unix conference, System Center, VMWare, NetBackup, Storage Seminar, and/or general technical training. | 3,000          | 3,000          | 3,000             |
|                       | Various   | Travel for Director of IT (Gartner and conferences)   |                | 3,500          | 4,000             |
| Various               | Travel to support training                                    |   | 5,000          | 5,000          |                   |
| tbd                   | "Travel related to training, seminars and prof. development." | 500   |                |                |                   |

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Information Technology

| Template Type                       | Org/Vendor/Provider | Description   | Budget           | Proposed         | Proposed Plus One |
|-------------------------------------|---------------------|---|------------------|------------------|-------------------|
| Travel                              | tbd                 | "travel associated with ESRI User Conference, Cad User Conference and training" | 2,000            |                  |                   |
|                                     | tbd                 | Lodging and other travel expenses associated with Conferences and Training      | 2,000            |                  |                   |
|                                     | tbd                 | Travel for DEVOPS West  | 1,000            |                  |                   |
|                                     | various             | Travel to support training for the IT Section Manager                           | 3,000            |                  |                   |
|                                     | various             | travel to support training  | 5,000            |                  |                   |
| <b>Total Travel</b>                 |                     |   | <b>73,700</b>    | <b>88,700</b>    | <b>90,700</b>     |
| <b>Total Information Technology</b> |                     |   | <b>3,799,427</b> | <b>5,694,587</b> | <b>6,009,586</b>  |

## Office of Ethics

| Template Type                            | Org/Vendor/Provider | Description                | Budget         | Proposed       | Proposed Plus One |
|--|---------------------|----------------------------|----------------|----------------|-------------------|
| Memberships                              | Lexis (Legal)       | Lexis monthly subscription | 2,400          |                |                   |
|  | tbd                 |                            |                | 1,500          | 1,500             |
|  |                     | memberships                | 12,600         |                |                   |
| <b>Total Memberships</b>                 |                     |                            | <b>15,000</b>  | <b>1,500</b>   | <b>1,500</b>      |
| Outside Services - Non Prof              | Misc.               |                            | 2,672          |                |                   |
|  | SouthTech           |                            | 10,000         |                |                   |
|  | The Network         |                            | 4,000          |                |                   |
|  | tbd                 |                            |                | 17,000         | 17,000            |
| <b>Total Outside Services - Non Prof</b> |                     |                            | <b>16,672</b>  | <b>17,000</b>  | <b>17,000</b>     |
| Professional Services                    | tbd                 |                            |                | 85,000         | 85,000            |
|  |                     |                            | 85,000         |                |                   |
| <b>Total Professional Services</b>       |                     |                            | <b>85,000</b>  | <b>85,000</b>  | <b>85,000</b>     |
| Training                                 | tbd                 |                            |                | 6,000          | 6,000             |
|  |                     |                            | 6,000          |                |                   |
| <b>Total Training</b>                    |                     |                            | <b>6,000</b>   | <b>6,000</b>   | <b>6,000</b>      |
| Travel                                   | tbd                 |                            |                | 6,000          | 6,000             |
|  |                     |                            | 6,000          |                |                   |
| <b>Total Travel</b>                      |                     |                            | <b>6,000</b>   | <b>6,000</b>   | <b>6,000</b>      |
| <b>Total Office of Ethics</b>            |                     |                            | <b>128,672</b> | <b>115,500</b> | <b>115,500</b>    |

## Office of the General Auditor

| Template Type                              | Org/Vendor/Provider | Description | Budget         | Proposed       | Proposed Plus One |
|--|---------------------|-------------|----------------|----------------|-------------------|
| Memberships                                |                     |             | 5,500          | 5,500          | 5,500             |
| <b>Total Memberships</b>                   |                     |             | <b>5,500</b>   | <b>5,500</b>   | <b>5,500</b>      |
| Professional Services                      |                     |             | 500,000        | 500,000        | 500,000           |
| <b>Total Professional Services</b>         |                     |             | <b>500,000</b> | <b>500,000</b> | <b>500,000</b>    |
| Training                                   |                     |             | 17,000         | 17,000         | 17,000            |
| <b>Total Training</b>                      |                     |             | <b>17,000</b>  | <b>17,000</b>  | <b>17,000</b>     |
| Travel                                     |                     |             | 5,000          | 5,000          | 5,000             |
| <b>Total Travel</b>                        |                     |             | <b>5,000</b>   | <b>5,000</b>   | <b>5,000</b>      |
| <b>Total Office of the General Auditor</b> |                     |             | <b>527,500</b> | <b>527,500</b> | <b>527,500</b>    |

## Office of the General Counsel

| Template Type | Org/Vendor/Provider | Description | Budget  | Proposed | Proposed Plus One |
|---------------|---------------------|-------------|---------|----------|-------------------|
| Memberships   |                     |             | 110,000 | 110,000  | 110,000           |

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Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Office of the General Counsel

| Template Type                              | Org/Vendor/Provider | Description | Budget           | Proposed         | Proposed Plus One |
|--|---------------------|-------------|------------------|------------------|-------------------|
| <b>Total Memberships</b>                   |                     |             | <b>110,000</b>   | <b>110,000</b>   | <b>110,000</b>    |
| Outside Services - Non Prof                |                     |             | 35,000           | 35,000           | 35,000            |
| <b>Total Outside Services - Non Prof</b>   |                     |             | <b>35,000</b>    | <b>35,000</b>    | <b>35,000</b>     |
| Professional Services                      |                     |             | 3,460,000        | 3,398,000        | 4,443,000         |
| <b>Total Professional Services</b>         |                     |             | <b>3,460,000</b> | <b>3,398,000</b> | <b>4,443,000</b>  |
| Training                                   |                     |             | 15,000           | 15,000           | 15,000            |
| <b>Total Training</b>                      |                     |             | <b>15,000</b>    | <b>15,000</b>    | <b>15,000</b>     |
| Travel                                     |                     |             | 120,000          | 120,000          | 120,000           |
| <b>Total Travel</b>                        |                     |             | <b>120,000</b>   | <b>120,000</b>   | <b>120,000</b>    |
| <b>Total Office of the General Counsel</b> |                     |             | <b>3,740,000</b> | <b>3,678,000</b> | <b>4,723,000</b>  |

## Real Property

| Template Type                          | Org/Vendor/Provider   | Description  | Budget | Proposed | Proposed Plus One |
|--|---|--|--------|----------|-------------------|
| Memberships                            | American Society of Civil Engineers   | ASCE Membership renewal dues (Lilly Shraibati)   | 310    |          |                   |
|  | American Society of Civil Engineers   | ASCE Membership renewal dues for Group Manager   |        | 350      | 350               |
|  | Assoc of California Water Agencies  | Membership fees to ACWA for Group Manager  |        | 300      | 300               |
|  | Assoc of California Water Agencies  | Membership fees to ACWA for Section Manager  |        | 300      | 300               |
|  | Association - Individual membership   | Association - Individual membership  |        | 400      | 400               |
|  | Building Owners & Managers Association  | Professional association provides best practices, industry standards and training                                    | 2,000  | 2,000    | 2,000             |
|  | CA Bureau of Real Estate  | Brokers License (Jennifer Ryan)  |        | 300      | 300               |
|  | CA Bureau of Real Estate  | Brokers License (Seyou Oh)   | 300    |          |                   |
|  | CA Bureau of Real Estate  | Real Estate License (Seyou Oh)   | 245    |          |                   |
|  | CA Bureau of Real Estate  | Salespersons License (Annie Li)  |        | 245      | 245               |
|  | CA Bureau of Real Estate  | Salespersons License (Diana Kwan)  |        | 245      | 245               |
|  | CA Bureau of Real Estate  | Salespersons License (Seyou Oh)  |        | 245      | 245               |
|  | CA Bureau of Real Estate Appraisers   | Appraisal License (Sherman Hom)  | 465    |          |                   |
|  | CA Bureau of Real Estate Appraisers   | Appraisal License for Unit Manager (rounded)   |        | 700      | 700               |
|  | CA Bureau of Real Estate Appraisers   | Appraisal license for Russel Shane   | 465    |          |                   |
|  | CA Bureau of Real Estate Appraisers   | Appraisal license renewal for 2 staff (at \$645 each)  |        | 1,290    | 1,290             |
|  | California Bureau of Real Estate  | Broker License Renewal (Stephen Vollucci)  | 300    |          |                   |
|  | California Bureau of Real Estate  | Broker License renewal for Team Manager  |        | 300      | 300               |
|  | California Bureau of Real Estate  | Sales License Renewal (James Vanden Akker)   | 245    |          |                   |
|  | California Bureau of Real Estate  | Sales License Renewal (Sr. Rep)  | 245    |          |                   |
|  | California Bureau of Real Estate  | Salespersons license renewal for 3 staff (3 at \$245)  |        | 735      | 735               |
|  | California Department of Real Estate  | Brokers License (Dan Clewley)  | 300    |          |                   |
|  | California Notary Commission  | Notary commisison (James Vanden Akker)   | 400    |          |                   |
|  | California Notary Commission  | Notary renewal fees for 1 staff  |        | 40       | 40                |
|  | California State Bar  | State Bar License (Jennifer Ryan)  |        | 500      | 500               |
|  | Certified Commercial Investment Member (CCIM)   | Capstone final and membership for 1 staff  |        | 710      | 710               |
|  | Costar Realty   | On-line real estate service providing real property sales information for acquisitions, appraisals, and cost studies | 40,000 | 45,000   | 45,000            |
|  | Department of Consumer Affairs  | P.E. license renewal for Kieran Callanan   |        | 150      |                   |
|  | Dept. of Consumer Affairs   | Civil Engineer License (Lilly Shraibati)   | 115    |          |                   |
|  | Dept. of Consumer Affairs   | Civil Engineer License for Group Manager   |        | 150      | 150               |
|  | East Valley Association of Realtors   | Marketing database for property acquisitions and appraisals (MLS)  |        | 420      | 420               |
|  | International Right of Way Association  | BMT - Membership in professional Real Estate Association: Team Manager   |        | 250      | 250               |
| International Right of Way Association | IRWA Chapter 1 Dues   | 350  |        |          |                   |
| International Right of Way Association | Land Mgt Unit - Membership in professional Real Estate Association: Unit Manager, Team Manager, 2 PMs and 7 staff (at \$250/ea) |  | 2,750  | 2,750    |                   |
| International Right of Way Association | Membership in professional Real Estate Association (Angela Wright)  | 260  |        |          |                   |
| International Right of Way Association | Membership in professional Real Estate Association (Diana Kwan)   | 245  |        |          |                   |

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## Real Property

| Template Type                    | Org/Vendor/Provider  | Description  | Budget        | Proposed      | Proposed Plus One |        |
|----------------------------------|--|--|---------------|---------------|-------------------|--------|
| Memberships                      | International Right of Way Association   | Membership in professional Real Estate Association (Dwayne Ozenna)   | 240           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (Fiona Diaz)  | 240           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (Gina Franco)   | 225           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (James Vanden Akker)  | 260           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (Lilly Shraibati)   | 245           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (Linda Omoto Baldini)   | 250           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (Rep II)  | 245           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (Russell Shane)   | 260           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (Sr. Rep)   | 245           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association (Stephen Vollucci)  | 260           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association, SRWA (Paul Norlen)   | 250           |               |                   |        |
|                                  | International Right of Way Association   | Membership in professional Real Estate Association, SRWA (Sherman Hom)   | 260           |               |                   |        |
|                                  | International Right of Way Association   | Membership to professional Real Estate Association (Barbara Boucher)   | 245           |               |                   |        |
|                                  | International Right of Way Association   | Membership to professional Real Estate Association (K. Murphey)  | 245           |               |                   |        |
|                                  | International Right of Way Association   | Membership to professional Real Estate Association (RE Rep II)   | 260           |               |                   |        |
|                                  | International Right of Way Association   | Membership to professional Real Estate Association (Rep II)  | 245           |               |                   |        |
|                                  | International Right of Way Association   | Membership to professional Real Estate Association (Seyou Oh)  | 260           |               |                   |        |
|                                  | International Right of Way Association   | Membership to professional Real Estate Association (Sr. Rep)   | 245           |               |                   |        |
|                                  | International Right of Way Association   | OGM - Membership in professional Real Estate Association: Group Manager  |               |               | 250               | 250    |
|                                  | International Right of Way Association   | OSM - Membership in professional Real Estate Association: Section Manager  |               |               | 250               | 250    |
|                                  | International Right of Way Association   | P&A Unit - Membership in professional Real Estate Association: Unit Mgr, 2 Team Managers, 7 staff and 2 proposed positions (at \$250/ea)                                     |               |               |                   | 3,000  |
|                                  | International Right of Way Association   | P&A Unit - Membership in professional Real Estate Association: Unit Mgr, 2 Team Managers, 7 staff and 1 proposed position (at \$250/ea)                                      |               |               | 2,750             |        |
|                                  | LandVision (Digital Map Products)  | LandVision provides comprehensive AP map-based property research, data service and analysis of properties and ownerships in California (replaces ParcelQuest)                |               |               | 18,500            | 18,500 |
|                                  | Marshall & Swift Publishing Co.  | Marshall Valuation Service publication used for appraisal and land evaluation activities; Residential Cost Handbook used to support appraisal and land evaluation activities | 700           |               |                   |        |
|                                  | Marshall & Swift Publishing Co. (Core Logic)   | Marshall Valuation Service publication used for appraisal and land evaluation activities   |               |               | 700               | 700    |
|                                  | Office of the Real Estate Appraiser  | Appraisal License (Paul Norlen)  | 435           |               |                   |        |
| ParcelQuest                      | Real estate data services providing property and market research information, multiple listing service, property owner contact information, and commercial listing service | 23,750   |               |               |                   |        |
| Professional license             | Professional license   |  |               | 400           | 400               |        |
| Redlands Association of Realtors | Marketing data base for property acquisitions (MLS)  | 1,000  |               |               |                   |        |
| <b>Total Memberships</b>         |  |  | <b>76,610</b> | <b>80,230</b> | <b>80,330</b>     |        |
| Outside Services - Non Prof      | ACCO   | Quarterly/Annual chiller maintenance   |               | 18,000        | 19,500            |        |
|                                  | American Relocation & Logistics  | Office moves and office/partition panel reconfiguration services   | 20,000        |               |                   |        |
|                                  | Contra Costa Mosquito & Vector Control District  | Mosquito and vector control services for Holland Tract   |               | 3,000         | 3,000             |        |
|                                  | DMS Facility   | Janitorial services  |               | 1,150,000     | 1,230,500         |        |
|                                  | DVL - Bee Removers   | Bee removal for DVL Visitor Center   | 2,500         |               |                   |        |
|                                  | DVL - Dept of Forestry & Fire Protection   | DVL - Weed abatement and fire protection services for East Rec Basin   |               | 50,000        | 50,000            |        |
|                                  | DVL - Elite Pest Management  | Pest Control at DVL Center for Water Education   | 2,500         | 25,000        | 27,000            |        |
|                                  | DVL - M&K Services   | Janitorial services at DVL Visitor Center  | 49,000        | 50,000        | 55,000            |        |
|                                  | DVL - Mariposa Landscapes  | 30% of Landscaping at DVL Visitor Center   | 70,000        | 125,000       | 130,000           |        |
|                                  | DVL - Pyro-Comm  | DVL - 24/7 Monitoring of fire alarm panel  |               | 1,300         | 1,400             |        |
|                                  | DVL - Superior Maintenance   | Bi-annual electrical solar panel cleaning at DVL Visitor Center for Water Education  | 10,000        | 10,000        | 13,000            |        |
|                                  | DVL - TBD  | DVL - Chilled water closed loop water testing, analysis and chemicals  |               | 1,200         | 1,500             |        |
|                                  | DVL - TBD  | Solar cleaning at DVL Visitor Center   | 10,000        |               |                   |        |
|                                  | De Luz Community Services District   | Property assessments of District fees and Sheriff special taxes  |               | 6,000         | 6,000             |        |
|                                  | Desert Support - Eliminator  | Desert Support - Pest control for all desert locations   |               | 52,500        | 55,000            |        |
|                                  | Desert Support - Mariposa  | Desert Support - Landscape for Gene and Intake   |               | 26,550        | 27,500            |        |
| Desert Support - Orozco          | Desert Support - Landscape desert region   |  | 26,250        | 27,500        |                   |        |

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## Real Property

| Template Type                            | Org/Vendor/Provider                                       | Description   | Budget           | Proposed         | Proposed Plus One |
|--|---|---|------------------|------------------|-------------------|
| Outside Services - Non Prof              | Desert Support -TBD                                       | Desert Support - Weed abatement   |                  | 50,000           | 50,000            |
|  | Expert Plant Services                                     | Indoor plant services   |                  | 10,000           | 11,000            |
|  | GI Services   | Annual degreasing and cleaning of Headquarters parking garage floor                             |                  | 8,400            | 9,000             |
|  | GSH   | Headquarters building operating engineering services  |                  | 1,570,000        | 1,680,000         |
|  | HQ - DMS Facility Services                                | Headquarters building operating engineering services  | 1,438,500        |                  |                   |
|  | HQ - DMS Facility Services                                | Janitorial services at USHQ   | 1,073,613        |                  |                   |
|  | HQ - Expert Plant Services                                | Indoor plant services at USHQ   | 10,000           |                  |                   |
|  | HQ - ISE Electronic Systems                               | Fire alarm monitoring system  | 2,500            | 2,500            | 2,500             |
|  | HQ - Mesa Energy  | Maintain, repair and update automated building environmental software and hardware system       | 25,000           | 25,000           | 25,000            |
|  | HQ - Otis Elevator Company                                | Elevator maintenance services at Headquarters   | 100,000          | 100,000          | 100,000           |
|  | HQ - Property Prep  | Annual degreasing and cleaning of Headquarters parking garage floor                             | 5,500            |                  |                   |
|  | HQ - Seasonal Exhibits                                    | Seasonal exhibits during the year end holiday season  | 15,000           |                  |                   |
|  | HQ - Superior Maintenance                                 | Window washing  | 25,500           | 5,000            | 17,600            |
|  | HQ - Systech  | Re-configure modular furniture  | 20,000           |                  |                   |
|  | HQ - TBD  | Seismic relocation project  | 220,000          |                  |                   |
|  | HQ - TBD  | Seismic upgrade movers for cubicle workstations   | 562,000          |                  |                   |
|  | HQ - TBD  | Wellness Center equipment maintenance at USHQ   | 15,000           |                  |                   |
|  | HQ - Western Exterminator                                 | Pest control services at USHQ   | 15,000           | 10,000           | 10,000            |
|  | Lake Skinner Estates                                      | HOA Lake Skinner Estates roperty owners association (Watershed protection)                      |                  | 8,400            | 8,400             |
|  | Lawnscapc Maintenance                                     | Site maintenance for DVL recreation area and Searl Parkway                                      | 70,000           |                  |                   |
|  | Oakridge Ranches Association                              | HOA fees for Lake Skinner properties (Watershed protection)                                     |                  | 20,400           | 20,400            |
|  | Outfit  | Wellness Center equipment maintenance   |                  | 15,000           | 16,000            |
|  | Rancho Landscaping Services                               | Landscape   |                  | 17,000           | 17,000            |
|  | Reserve Management Committee                              | Management of the Southwestern Riverside County Multi-Species Reserve                           | 200,000          | 200,000          | 200,000           |
|  | Schneider Electric  | UPS maintenance   |                  | 16,000           | 16,000            |
|  | So-Cal Ponds  | Pond maintenance  |                  | 8,000            | 8,800             |
|  | Stormy Bruckner   | Review and certify the headquarters Emergency Plan as required by the LA City Fire Department   | 3,500            |                  |                   |
|  | TBD   | Encroachment remediation  | 250,000          |                  |                   |
|  | TBD   | Homeless Camp abatement   | 25,000           |                  |                   |
|  | TBD   | Landscaping & pest control for Desert Housing   | 50,000           |                  |                   |
|  | TBD   | Maintenance of unleased PVID farmland and other properties                                      | 250,000          |                  |                   |
|  | TBD   | Palo Verde water testing  |                  | 5,000            | 5,000             |
|  | TBD   | Security/law enforcement services for Encroachments, DVL, Skinner and other major land holdings |                  | 275,000          | 275,000           |
| TBD                                      | To provide fencing and signage near MWD property          | 110,000   |                  |                  |                   |
| TBD                                      | Weed abatement at DVL East Rec Basin and other properties | 130,000   |                  |                  |                   |
| Total Western                            | Heaters, boilers  |   | 5,000            | 5,000            |                   |
| Travis County                            | HOA fees for Yorba Linda property                         |   | 3,600            | 3,600            |                   |
| U.S. Water                               | Cooling tower water                                       |   | 20,000           | 22,000           |                   |
| WM Lamtracker2                           | Disposal service for fluourescent lamps                   | 2,000   |                  |                  |                   |
| <b>Total Outside Services - Non Prof</b> |   |   | <b>4,782,113</b> | <b>3,919,100</b> | <b>4,149,200</b>  |
| Professional Services                    | ATS   | Telecomm consultant   |                  | 11,000           | 11,000            |
|  | California Dept of Fish & Game                            | DVL fisheries management  | 75,000           |                  |                   |
|  | California Dept of Fish & Wildlife                        | DVL fisheries management  |                  | 175,000          | 175,000           |
|  | California State Parks                                    | Law enforcement services at DVL marina  | 75,000           |                  |                   |
|  | Chico State   | Pilot project for regenerative farming at PVID  |                  | 150,000          | 150,000           |
|  | Data Ticket (Revenue Experts)                             | DVL Citation collection services  |                  | 3,000            | 3,000             |
|  | Revenue Experts   | Citation collection services  | 3,000            |                  |                   |
|  | Stormy Bruckner   | Review and certify the Headquarters Emergency Plan as required by the LA City Fire Department   |                  | 4,000            |                   |
|  | TBD   | Appraisal/Evaluation Services   | 15,000           |                  |                   |
|  | TBD   | Appraisal/Evaluation of ag lands  | 75,000           |                  |                   |
|  | TBD   | Architectural Services space planning   | 100,000          | 175,000          | 175,000           |
|  | TBD   | Conservation inspection and rating for EPA's Energy Star certification                          | 1,600            | 1,600            | 1,600             |
|  | TBD   | Consulting services for DVL marina  |                  | 50,000           | 25,000            |

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## Real Property

| Template Type                            | Org/Vendor/Provider   | Description  | Budget         | Proposed         | Proposed Plus One |
|--|---|--|----------------|------------------|-------------------|
| Professional Services                    | TBD   | Encroachments/Buffer assessments   | 45,000         |                  |                   |
|  | TBD   | Land use studies/Entitlements  | 45,000         |                  |                   |
|  | TBD   | Law enforcement services   | 200,000        |                  |                   |
|  | TBD   | Miscellaneous inspection for City  |                | 1,000            | 1,000             |
|  | TBD   | Property management software and support   |                | 120,000          | 120,000           |
|  | TBD   | Real estate services for surplus property and leasing  | 250,000        |                  |                   |
|  | TBD - Various   | Appraisal / consulting services  |                | 90,000           | 90,000            |
|  | TBD - Various   | Consulting services per RFQ/Agreements   |                | 170,000          | 170,000           |
|  | TBD -- Various  | Appraisal / consulting services  |                | 240,000          | 240,000           |
|  | Wizard Software Solutions   | Property management database   | 50,000         |                  |                   |
| <b>Total Professional Services</b>       |   |  | <b>934,600</b> | <b>1,190,600</b> | <b>1,161,600</b>  |
| Repairs & Maintenance - Outside Services | ACCO  | Chiller repairs  |                | 22,000           |                   |
|  | Air-Conditioning  | Main. HQ building and Data Center A/C components, chiller annual main, cooling tower main, boiler annual main, boiler source test (required by AQMD)   |                |                  | 100,000           |
|  | Air-Conditioning  | Repair HQ building & Data Center A/C components, cooling tower, boilers, boiler source test (required by AQMD)   |                | 95,000           |                   |
|  | Carpet  | Carpet for one floor at USHQ   | 800,000        |                  |                   |
|  | DVL - ACCO  | DVL - Semi-annual maintenance on chiller and boil units and automation system  |                | 50,000           | 50,000            |
|  | DVL - ASSI  | DVL - Security system repairs  |                | 10,000           | 5,000             |
|  | DVL - Contera Construction  | DVL-Routine painting and general repairs   |                | 75,000           | 25,000            |
|  | DVL - Dakota Backflow   | DVL - Backflow maintenance and replacement   |                | 10,000           | 10,000            |
|  | DVL - Emergency System  | DVL - Emergency system, fire alarm monitoring, fire sprinkler system inspection, testing, repairs, and fire extinguishers and security camera and keycards   |                | 23,000           |                   |
|  | DVL - Emergency System  | Emergency system, fire alarm monitoring, fire sprinkler system inspection, testing, repairs, and fire extinguishers and security camera and keycards   | 18,000         |                  | 23,000            |
|  | DVL - Energy System   | Energy system-solar power maintenance program  | 75,000         |                  |                   |
|  | DVL - Gen. Bldg Maintenance   | General building repairs, paint, dry wall and other repairs  | 25,000         |                  |                   |
|  | DVL - HVAC Repairs and Maintenance  | HVAC repairs and maintenance on chiller, boiler and water treatment  | 36,200         |                  |                   |
|  | DVL - Lawnscape   | DVL - Realignment for repairs/replacement to the irrigation systems  |                | 25,000           | 25,000            |
|  | DVL - Morrow Meadows  | DVL - Replacement inverters and panels as needed   |                | 75,000           | 75,000            |
|  | DVL - Plumbing  | Plumbing, backflow testing and plumbing system repairs   | 15,000         |                  |                   |
|  | DVL - Precision Electric  | DVL - Electrical systems repairs   |                | 25,000           | 25,000            |
|  | DVL - Restoration Mgmt Co   | DVL - Restoration Services   |                | 25,000           | 25,000            |
|  | DVL - Ron's Bee Removal   | DVL - Bee removal from DVL VC  |                | 2,500            | 2,500             |
|  | DVL - TBD   | DVL - Fencing/fencing repairs  |                | 10,000           | 5,000             |
|  | DVL - TBD   | DVL - Phase II- Paving Marina parking lot and Searl Parkway and replacement signage for DVL North Hills trail and parking lot (\$10k)  |                | 500,000          |                   |
|  | DVL - TBD   | Replacement signage for DVL North Hills trail and parking lot  |                |                  | 10,000            |
|  | Desert Support - ACCO   | Desert Support - Emergency repair and changeout of heating and cooling system  |                | 100,000          | 100,000           |
|  | Desert Support - Bee irradiation  | Desert Support - Bee irradiation   |                | 2,500            | 2,500             |
|  | Desert Support - Crown Movers   | Desert Support - Movers and moving supplies  |                | 25,000           | 25,000            |
|  | Desert Support - Restoration Mgmt Co  | Desert Support - Restoration Services  |                | 25,000           | 25,000            |
|  | Desert Support - Shipley  | Desert Support - Carpentry Services  |                | 100,000          | 100,000           |
|  | Desert Support - TBD  | Desert Support - Flooring installations  |                | 100,000          | 100,000           |
|  | Desert Support - TBD  | Desert Support - Roof replacements   |                | 100,000          | 100,000           |
|  | Electrical Repairs And Additions  | Data Center UPS maint, Main electrical switchgear maint, install additional electrical outlets as needed   | 54,500         | 35,000           | 35,000            |
|  | Emcor   | Repair and update automated building environmental software and hardware systems   |                | 30,000           | 30,000            |
|  | Emergency System  | Repairs to fire life safety system, Regulation 4 annual testing of fire system, intergen fire system for Data Center, emergency generator and fire pumps maint, generator load test, fire extinguisher, kitchen fire system, repair vertical fire pump |                | 50,000           | 50,000            |
| Emergency System                         | Repairs to fire, life safety system, Regulation 4 annual testing of fire system, intergen fire system for Data Center, emergency generator and fire pumps maint, generator load test, fire extinguisher, kitchen fire system, repair vertical fire pump | 80,700   |                |                  |                   |



# Metropolitan Water District of Southern California

Templates Report by Organization Detail

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Real Property

| Template Type   | Org/Vendor/Provider  | Description  | Budget           | Proposed         | Proposed Plus One |
|---|--|--|------------------|------------------|-------------------|
| Repairs & Maintenance - Outside Services                  | General Building Maintenance   | Roof re-coating, variable speed drive replacement, eco pond maint, landscape, kitchen exhaust ducts, building automation system maintenance                                      | 206,300          |                  |                   |
|   | General Building Maintenance   | Variable speed drive replacement, eco pond maint, landscape, kitchen exhaust ducts   |                  | 150,000          | 155,500           |
|   | HVAC Maint/Repair  | Maint. HQ building and Data Center A/C componets, chiller annual maint, cooling tower maint, boiler annual maint, boiler source test (required by AQMD)                          | 141,500          |                  |                   |
|   | In-Town Support - ACCO   | In-Town Support - Emergency repair and changeout of heating and cooling system   |                  | 50,000           | 10,000            |
|   | In-Town Support - Contera Construction   | In Town Support - Restoration Services   |                  | 10,000           | 10,000            |
|   | In-Town Support - Restoration Mgmt Co  | In-Town Support - Flooring Installation  |                  | 50,000           | 5,000             |
|   | In-Town Support - TBD  | In Town Support - General Contracting  |                  | 15,000           |                   |
|   | In-Town Support - TBD  | In-Town Support - Roof replacements  |                  | 50,000           | 5,000             |
|   | In-Town Support -TBD   | In Town Support - General Contracting  |                  |                  | 15,000            |
|   | Modular Furniture  | Modular furniture for one floor at USHQ  | 1,000,000        | 1,000,000        | 1,000,000         |
|   | Movers   | Office moves   |                  | 25,000           | 25,000            |
|   | Movers   | Seismic upgrade movers for cubicle workstations  |                  | 250,000          | 200,000           |
|   | Paint  | Paint for one floor at USHQ  | 100,000          | 100,000          | 100,000           |
|   | Plumbing   | Backflow device testing, backflow repairs, general plumbing and fire system piping repairs   | 81,000           | 75,000           | 75,000            |
|   | TBD  | Carpet replacement   |                  | 800,000          | 400,000           |
|   | TBD  | Chiller repairs  |                  |                  | 25,000            |
|   | TBD  | Disposal services for fluorecent lamps   |                  | 1,500            | 1,500             |
|   | TBD  | Incidental repairs for property management activities  | 1,500            |                  |                   |
|   | TBD  | Paving at DVL viewpoint, marina and roads  | 500,000          |                  |                   |
|   | TBD  | Re-configure modular furniture   |                  | 25,000           | 25,000            |
|   | TBD  | Repairs & Maintenance for Desert Housing   | 100,000          |                  |                   |
|   | TBD  | Repairs and demolition of structures in the Bay Delta  |                  | 250,000          | 250,000           |
|   | TBD  | Right of Way protection  |                  | 225,000          | 225,000           |
|   | TBD  | Seasonal exhibits during the year end  |                  | 16,000           | 17,000            |
| Various   | Repairs related to marina and recreation areas   | 76,500   |                  |                  |                   |
| <b>Total Repairs &amp; Maintenance - Outside Services</b> |  |  | <b>3,311,200</b> | <b>4,607,500</b> | <b>3,492,000</b>  |
| Training  | Alterton   | Training for two staff members on the DVL VC Alterton controls system  |                  | 2,000            |                   |
|   | Assoc of Calif Water Agencies (ACWA)   | Group Manager to attend ACWA Conference twice per year   | 2,000            |                  |                   |
|   | Building Owners & Managers Assoc.  | BOMA classes for Unit Manager- on topics such as Sustainable Operations, Foundations of Real Estate Management, etc. @\$695 ea   | 2,000            |                  |                   |
|   | Building Owners & Managers Association   | Development training for BOMA and FM training and classes; certification training for the Fire Safety Directors and floor Wardens (required by Los Angeles City Fire Department) |                  | 10,500           | 10,500            |
|   | Building Owners & Managers Association   | Development trainint for BOMA and FM training and classes  | 9,000            |                  |                   |
|   | Building Safety Solutions  | Certification training for the Fire Safety Directors and Floor Wardens (required by Los Angeles City Fire Department)  | 1,200            |                  |                   |
|   | International Right of Way   | Registration fees for Team Manager and 5 staff (at \$1,000/ea)   |                  | 6,000            | 6,000             |
|   | International Right of Way   | Training for Team Manager and 5 staff (at \$1,000/ea)  |                  |                  | 6,000             |
|   | International Right of Way   | Training for Team Manager and 5 staff (at \$1,000/ea)  |                  | 6,000            |                   |
|   | International Right of Way Association   | Registration fees for 3 classes for 3 staff members (at \$500 ea)  |                  | 3,000            | 3,000             |
|   | TBD  | Staff development  | 6,000            |                  |                   |
|   | TBD  | TBD  |                  |                  | 2,000             |
|   | TBD  | Training, conferences, seminars, and continuing education for mandatory license renewals, updates on real estate and other real property matters                                 | 7,000            |                  |                   |
|   | Various  | Training, conferences, seminars for license renewals, real property matters, and employee development  | 11,000           |                  |                   |
|   | Various  | Training, conferences, seminars for license renewals, real property matters, and employee development for Team Manager and 7 staff (at \$500 ea)                                 |                  | 4,000            | 4,000             |
|   | Various  | Training, seminars for license renewals, real property matters and employee development  |                  | 3,000            | 3,000             |
| Various (including IRWA, Appraisal Institute, CCIM, etc)  | Training, conferences, seminars, and continuing education for mandatory license renewals, updates on real estate and property management laws, other real property matters, and employee development | 11,000   | 1,000            | 1,000            |                   |

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Real Property

| Template Type         | Org/Vendor/Provider                                      | Description   | Budget        | Proposed      | Proposed Plus One |
|-----------------------|--|---|---------------|---------------|-------------------|
| Training              | Various (including IRWA, Appraisal Institute, CCIM, etc) | Two training classes for Team Manager (at \$500 each) and training for 7 staff (at \$1,000 ea)  |               | 8,000         | 8,000             |
| <b>Total Training</b> |  |   | <b>49,200</b> | <b>43,500</b> | <b>43,500</b>     |
| Travel                | Staff  | Air Fare -- Travel to Bay Delta (6 trips at \$250)  |               | 1,500         | 1,500             |
|                       | Staff  | Air Fare -- Travel to San Diego, Sacramento or Washington DC for lease renewals or other issues |               | 1,000         | 1,000             |
|                       | Staff  | Air Fare -- Travel for CRA Reversionary Interest  |               | 400           | 400               |
|                       | Staff  | Air Fare -- Travel for seminars   |               | 400           | 400               |
|                       | Staff  | Air Fare -- Travel to Bay Delta   |               | 6,000         | 6,000             |
|                       | Staff  | Air Fare -- Travel to Bay Delta (12 trips at \$250)   |               | 3,000         | 3,000             |
|                       | Staff  | Air Fare -- Travel to Bay Delta, conferences and seminars for Group Manager                     |               | 2,000         | 2,000             |
|                       | Staff  | Air Fare -- Travel to Marine Recreation MRA Educational Conference & Trade Show                 |               | 250           |                   |
|                       | Staff  | Airfare -- Five roundtrips (e.g., Delta, out-of-state conferences/seminars)                     |               | 2,000         | 2,000             |
|                       | Staff  | Airfare -- Travel to Bay Delta, conferences and seminars for Section Manager                    |               | 2,000         | 2,000             |
|                       | Staff  | Car Rental -- Travel for CRA Reversionary Interest  |               | 85            | 85                |
|                       | Staff  | Car Rental -- Travel for seminars   |               | 85            | 85                |
|                       | Staff  | Car Rental -- Travel to Bay Delta (5 days at \$50)  |               | 250           | 250               |
|                       | Staff  | Car Rental -- Travel to various locations (5 days at \$50)                                      |               | 250           | 250               |
|                       | Staff  | Car Rental -- Travel to Bay Delta   |               | 2,805         | 2,805             |
|                       | Staff  | Car Rental -- Travel to Bay Delta (10 trips at \$50)  |               | 250           | 250               |
|                       | Staff  | Car Rental -- Travel to PVID (5 trips at \$50)  |               | 250           | 250               |
|                       | Staff  | Lodging -- Travel to Bay Delta (6 nights at \$200)  |               | 1,200         | 1,200             |
|                       | Staff  | Lodging -- Travel to Bay Delta, conferences and seminars for Section Manager                    |               | 1,500         | 1,500             |
|                       | Staff  | Lodging -- Travel to PVID (6 nights at \$200 )  |               | 1,200         | 1,200             |
|                       | Staff  | Lodging -- Travel for CRA Reversionary Interest   |               | 600           | 600               |
|                       | Staff  | Lodging -- Travel for seminars  |               | 600           | 600               |
|                       | Staff  | Lodging -- Travel for training and site visits  |               | 1,200         | 1,200             |
|                       | Staff  | Lodging -- Travel to Bay Delta  |               | 5,700         | 5,700             |
|                       | Staff  | Lodging -- Travel to Bay Delta (8 nights at \$200)  |               | 1,600         | 1,600             |
|                       | Staff  | Lodging -- Travel to Bay Delta, conferences and seminars for Group Manager                      |               | 1,500         | 1,500             |
|                       | Staff  | Lodging -- Travel to MRA Educational Conference & Trade Show (2 nights at \$250)                |               | 500           |                   |
|                       | Staff  | Lodging -- Travel to PVID (PVID 12 nights at \$200)   |               | 2,400         | 2,400             |
|                       | Staff  | Lodging -- Two overnight stays (e.g., PVID, out-of-state conferences/seminars)                  |               | 300           | 300               |
|                       | Staff  | Meals -- Travel to Bay Delta  |               | 1,575         | 1,575             |
|                       | Staff  | Meals -- Travel to Bay Delta, conferences and seminars for Section Manager                      |               | 200           | 200               |
|                       | Staff  | Meals -- Three meals per day for five days (rounded)  |               | 400           | 400               |
|                       | Staff  | Meals -- Travel for CRA Reversionary Interest   |               | 300           | 300               |
|                       | Staff  | Meals -- Travel for seminars  |               | 300           | 300               |
|                       | Staff  | Meals -- Travel for training and site visits  |               | 1,200         | 1,200             |
|                       | Staff  | Meals -- Travel to Bay Delta  |               | 1,800         | 1,800             |
|                       | Staff  | Meals -- Travel to Bay Delta (12 days at \$100)   |               | 1,200         | 1,200             |
|                       | Staff  | Meals -- Travel to Bay Delta (16 days at \$100 + \$200 misc.)                                   |               | 1,700         | 1,700             |
|                       | Staff  | Meals -- Travel to Bay Delta, conferences and seminars for Group Manager                        |               | 200           | 200               |
|                       | Staff  | Meals -- Travel to MRA Educational Conference & Trade Show                                      |               | 300           |                   |
|                       | Staff  | Meals -- Travel to PVID (24 days at \$100 + \$100 misc)   |               | 2,500         | 2,500             |
|                       | Staff  | Meals -- Travel to various locations (12 days at \$100)   |               | 1,200         | 1,200             |
|                       | Staff  | Mileage -- Travel to IRWA courses, site inspection and meetings                                 |               | 2,000         | 2,000             |
|                       | Staff  | Mileage -- Travel to DVL (20 round trips at \$100 + \$1,000 misc.)                              |               | 3,000         | 3,000             |
|                       | Staff  | Mileage -- Travel to seminars or site visits  |               | 80            | 80                |
|                       | Staff  | Other Travel Expenses -- Airport parking and shuttle  |               | 250           | 250               |
|                       | Staff  | Other Travel Expenses -- Gas for rental cars  |               | 560           | 560               |
|                       | Staff  | Other Travel Expenses -- Travel to Bay Delta, conferences and seminars for Section Manager      |               | 500           | 500               |
|                       | Staff  | Other Travel Expenses -- Gas for rental cars  |               | 310           | 310               |

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Real Property

| Template Type              | Org/Vendor/Provider | Description  | Budget           | Proposed         | Proposed Plus One |
|----------------------------|---------------------|--|------------------|------------------|-------------------|
| Travel                     | Staff               | Other Travel Expenses -- Travel to Bay Delta, conferences and seminars for Group Manager |                  | 500              | 500               |
|                            | Staff               | Sacramento and Washington DC   | 5,000            | 3,600            | 3,600             |
|                            | Staff               | Travel and meals for real property training, conferences, seminars and site visits       | 700              |                  |                   |
|                            | Staff               | Travel and meals for real property training, conferences, seminars, and site visits      | 1,700            |                  |                   |
|                            | Staff               | Travel and meals for training, conferences, seminars                                     | 5,800            |                  |                   |
|                            | Staff               | Travel and meals for training, conferences, seminars for 8 staff (at \$100 ea)           |                  | 800              | 800               |
|                            | Staff               | Travel for Bay-Delta Program   | 37,500           |                  |                   |
|                            | TBD                 | Air Fare - Travel to Delta Island  |                  | 1,600            | 1,200             |
|                            | TBD                 | Air Fare - Travel to Washington and Sacramento Offices                                   |                  | 400              | 300               |
|                            | TBD                 | Car Rental - Travel to Delta Islands   |                  | 400              | 400               |
|                            | TBD                 | Car rental - Travel to Washington and Sacramento Offices                                 |                  | 100              | 100               |
|                            | TBD                 | Lodging - Travel to Delta Islands  |                  | 1,600            | 1,600             |
|                            | TBD                 | Lodging - Travel to Washington DC  |                  | 400              | 400               |
|                            | TBD                 | Lodging while on travel to desert locations and union business for staff                 |                  | 5,000            | 15,000            |
|                            | TBD                 | Meals - Travel to Delta Islands  |                  | 400              | 400               |
|                            | TBD                 | Meals - Travel to Washington and Sacramento Offices                                      |                  | 100              | 100               |
|                            | TBD                 | Meals while on travel to desert locations and union business for staff                   |                  | 5,000            | 5,000             |
|                            | TBD                 | Mileage Reimbursement for training and site support.                                     | 5,000            |                  |                   |
|                            | TBD                 | Mileage for staff union business travel  |                  | 5,000            | 5,000             |
|                            | TBD                 | Travel for conference and workshops  |                  | 1,500            | 1,500             |
| <b>Total Travel</b>        |                     |  | <b>55,700</b>    | <b>86,800</b>    | <b>95,250</b>     |
| <b>Total Real Property</b> |                     |  | <b>9,209,423</b> | <b>9,927,730</b> | <b>9,021,880</b>  |

## Water Resource Management

| Template Type | Org/Vendor/Provider                              | Description  | Budget | Proposed | Proposed Plus One |
|---------------|--|--|--------|----------|-------------------|
| Memberships   | Alliance for Water Use Efficiency                | "AWE is an advocate for water efficient products and programs, and provides information and assistance on water conservation efforts"  | 25,000 |          |                   |
|               | American Planning Association                    | The organization offers resources, education, networking opportunities with planners from every region and discipline  |        | 105      | 105               |
|               | American Society of Mechanical Engineers (ASME)  | ASME creates water efficient plumbing codes and standards. Metropolitan participates in the committee for these codes and standards.   |        | 160      | 160               |
|               | CaDC   | Dues   |        | 5,000    | 5,000             |
|               | Cal Desal  | Assist MWD members by establishing a relationship and offering communications and cooperation between members and their respective agencies and companies; assisting in educating and advancing the professional growth of its members; acting as a media for the exchange of information pertinent to the water works industry and promoting the image of the water works profession. | 5,000  | 5,000    | 5,000             |
|               | California Data Collaboration                    | Coalition of water utilities building data infrastructure and tools to analysis water usage and water use efficiency to ensure water reliability and use efficiency  | 10,000 |          |                   |
|               | California Irrigation Institute                  | "The primary purpose of the Institute is to host an annual conference on California water issues; water use efficiency, water quality and surface and ground water management"   | 1,100  |          |                   |
|               | California Urban Water Agencies                  | Coalition of large urban water agencies  | 60,000 | 60,000   | 60,000            |
|               | California Urban Water Conservation Council      | Promote and advocate statewide water conservation efforts including best management practices and hosting education workshops for water agencies on conservation issues.   | 15,000 |          |                   |
|               | California Water Data Consortium                 | Pays for MWD membership in ODC   |        | 10,000   | 10,000            |
|               | California Water Efficiency Partnership (CALWEP) | Provide collaboration with a wide variety of stakeholders; information sharing, resources, networking. Combined membership with Alliance for Water Efficiency (AWE)  |        |          | 40,000            |
|               | California Water Efficiency Partnership (CALWEP) | Provide collaboration with a wide variety of stakeholders; information sharing, resources, networking. Combined membership with Alliance for Water Efficiency (AWE).   |        | 40,000   |                   |
|               | Center for Snow and Avalanche Studies            | Membership dues.   |        | 150      | 150               |

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## Water Resource Management

| Template Type                       | Org/Vendor/Provider                                      | Description  | Budget    | Proposed  | Proposed Plus One |
|-------------------------------------|--|--|-----------|-----------|-------------------|
| Memberships                         | Department of Consumer Affairs                           | P. E. and P. G. License Renewals   | 300       |           |                   |
|                                     | Department of Consumer Affairs                           | P.E. and R.G. License Renewal  |           | 550       | 550               |
|                                     | Department of Consumer Affairs                           | PE Licnese   |           | 115       | 115               |
|                                     | Department of Consumer Affairs                           | PE Lic   |           | 115       |                   |
|                                     | Department of Consumer Affairs                           | Water Treatment Lic.   |           |           | 140               |
|                                     | Dept of Consumer Affairs                                 | 1 P.E. License renewal   | 200       |           | 200               |
|                                     | Dept of Consumer Affairs                                 | 1 P.E. License Renewal   | 200       | 200       | 200               |
|                                     | Dept of Consumer Affairs                                 | 3 PE License Renewals  |           | 345       | 345               |
|                                     | Dept of Consumer Affairs                                 | Estimate based on current staff with PE licenses that need to renew this fiscal year   | 500       |           |                   |
|                                     | Groundwater Resource Association                         | To promote professional development of scientists, engineers, and others involved in the assessment, development, quality, and management of the state's groundwater resources.  | 100       | 100       | 100               |
|                                     | International City/County Management Association         | The organization provides technical and management assistance, training, and information resources in the areas of performance measurement, ethics education and training, community and economic development, environmental management, technology, and other topics to its members and the broader local government community                          |           | 150       | 150               |
|                                     | Irrigation Association                                   | Partnerships with irrigation manufacturers to advance new landscape technology and develop standard testing protocols to evaluate weather based irrigation controllers.  | 600       | 640       | 640               |
|                                     | LA Times   | Group's access to unlimited articles to keep up with the news, in particular water   |           | 192       | 192               |
|                                     | MWD-Colorado River Authority of California               | Amount paid to the Six Agency in dealing with Colorado River   |           | 30,000    | 30,900            |
|                                     | MWD-Colorado River Authority of California               |  | 20,200    |           |                   |
|                                     | Municipal Waqter Quality Investigations (MWQI)           | 3% escalation  | 216,600   |           |                   |
|                                     | Municipal Waqter Quality Investigations (MWQI)           | SWP water quality monitoring with DWR  |           | 175,000   | 180,000           |
|                                     | North American Weather Modification Council              | Consult with industry experts to generate additional snow  | 500       |           |                   |
|                                     | North American Weather Modification Council              | Memberships Dues   |           | 500       | 500               |
|                                     | PE License for M. Graham                                 | Professional Engineers License, renews every 2 years. Due 6/30/2020  |           | 115       |                   |
|                                     | Rivers Edge West   | Membership dues.   |           | 200       | 200               |
|                                     | SWC - Annual Bay/Delta Fund (SWC)                        | SWContractors activities related to Bay Delta.   |           | 2,238,000 | 2,238,000         |
|                                     | SWC - Annual Bay/Delta Fund (SWC)                        |  | 2,238,000 |           |                   |
|                                     | Sac Bee  | Group's access to unlimited articles to keep up with the news, in particular water   |           | 130       | 130               |
|                                     | Science Direct   | Group's access to unlimited articles to keep up with the news, in particular water   |           | 250       | 250               |
|                                     | Six Agengy   | Activities and issues related to the CR system.  |           | 767,000   | 788,000           |
|                                     | Six Agengy   | For future years, add 3%   | 693,000   |           |                   |
|                                     | SoCal Salinity Coalition                                 | Met benefits from participation in the Coalition through the coordination of salinity related activities and through increasing awareness of salinity problems facing Southern California.   |           | 10,000    | 10,000            |
|                                     | Souther California Water Utilities Association (SCWUA)   | Establishing a relationship/fostering communications/cooperation between members & their respective agencies/companies   | 100       | 100       | 100               |
|                                     | Southern Ca Water Committee Stormwater Taskforce         | The Southern California Water Committee Stormwater Task Force brings together interests from water supply, stormwater management/flood control, groundwater management, environmental, business, and others to develop foundational actions for increasing water supply from stormwater capture. This assists with implementation of Metropolitan's IRP. | 1,000     |           |                   |
|                                     | Southern California Salinity Coalition (SCSC)            | Met benefits from the participation in the coalition through the coordination of salinity related activities and through increasing awareness of salinity problems facing Southern California.   | 10,000    |           |                   |
|                                     | Southern California Water Committee Stormwater Taskforce | The Southern California Water Committee Stormwater Task Force brings together interests from water supply, stormwater management/flood control, groundwater management, environmental, business, and others to develop foundational actions for increasing water supply from stormwater capture. This assists with implementation of Metropolitan's IRP. |           | 1,000     | 1,000             |
| State Water Contractors             | General dues.  |  | 1,217,900 | 1,217,900 |                   |
| State Water Contractors             |  | 1,217,900  |           |           |                   |
| State Water Contractors-Energy Fund | 3% escalation  | 430,100  |           |           |                   |

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Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water Resource Management

| Template Type            | Org/Vendor/Provider   | Description  | Budget           | Proposed         | Proposed Plus One |
|--------------------------|---|--|------------------|------------------|-------------------|
| Memberships              | State Water Contractors-Energy Fund   | SW Contractors activities related to energy issues.  |                  | 430,100          | 430,100           |
|                          | State Water Distribution Certification  | D1 Operator License for K. Reger   |                  | 70               | 70                |
|                          | State Water Project Contractors Authority (SWPCA) - Admin   | 3% escalation  | 72,800           |                  |                   |
|                          | State and Federal Water Contractor Authority (SFWCA) Speical Project Committee (SWPCA-DSPC)   |  | 780,300          |                  |                   |
|                          | TBD   | P.E. License renewals  | 400              | 400              | 400               |
|                          | UCLA Business Forecast  | Provides forecasts for economies of California & U.S.  |                  | 3,000            | 3,000             |
|                          | UCLA Business Forecast  | Provides forecasts for economies of California and U. S.   | 2,500            |                  |                   |
|                          | WaterReuse Assn of California   | To promote and advocate statewide water recycling efforts to advance use of recycled water   | 11,000           | 11,000           | 11,000            |
|                          | Water Use Efficiency Practioner   | AWWA WUE practitioner license  |                  | 50               | 50                |
|                          | WaterSmart Innovations  | The Conference supports a wide range of professional sessions and workshops - along with an extensive exhibition of water-saving technologies and programs from around the world   | 2,500            |                  |                   |
|                          | Western Urban Water Coalition   | Coalition of water agencies working on federal water issues  |                  | 35,000           | 35,000            |
|                          | Western Urban Water Coalition   | Coalition of western water agencies working on federal issues  | 30,000           |                  |                   |
| <b>Total Memberships</b> |   |  | <b>5,844,900</b> | <b>5,042,637</b> | <b>5,069,647</b>  |
| Professional Services    | A&N Technical   | Statistical consulting and research services related to water conservation programs and water resource modeling  |                  | 15,000           | 15,000            |
|                          | A&N Technical Services  | Consultant will provide on-call technical support for statistical and conservation evaluation analysis. Includes peer-review of staff work and related professional analysis. Climate Bump analysis will be performed under this contract in FY2020. Proposed 20/21-21/22 budget for consultant selected under RFQ.                      |                  | 24,000           | 24,000            |
|                          | AWE   | Water conservation research - Cooling Towers, Landscape water use, Net Blue ordinance guidelines   |                  | 40,000           | 40,000            |
|                          | Andrew Marx Consulting  | Consultant will apply state-of-the-art remote sensing and GIS analysis to refine Metropolitan's Turf Removal Multiplier Effect and Reversion studies.  |                  | 35,000           | 35,000            |
|                          | Brattle Retail Demand Model   | Econometric/statistical estimation of water demand, economic value of water resources and management programs; refine retail demand model for revenue requirements for IRP and water use efficiency performance metrics  | 30,000           |                  |                   |
|                          | Brattle Retail Demand Model   | On-call services to assist with adapting Retail Demand Model to current conditions as we step through next IRP. Econometric/statistical estimation of water demand, economic value of water resources and management programs; refine retail demand model for revenue requirements for IRP and water use efficiency performance metrics. |                  | 30,000           | 30,000            |
|                          | CaDC  | California Data Collaborative  | 40,000           |                  |                   |
|                          | DCSE  | Remote Sensing Model Implementation/Research Agenda Software Development & Support   |                  | 75,000           | 75,000            |
|                          | DCSE Landat Support   | RFQ for maintenance of retail demand models, LANDAT tool, and IRPSIM software.   | 30,000           |                  |                   |
|                          | Hazen Sawyer - Potential  | Colorado River Basin Demand Sets - Create a demand set that reflects both Colorado River Upper and Lower Basins' water use. These demands are input to the CRSS model. CRSS is a key analytical tool for the Colorado River Sustainability Plan.   |                  | 100,000          |                   |
|                          | Hazen Sawyer - Potential  | Colorado River Basin Hydrology Sets - To analyze current hydrologic sets and compare with other available hydrologic sets / VIC model / tree ring data, to be used for the Colorado River Sustainability Plan analysis.  |                  | 50,000           |                   |
|                          | Land IQ   | Ground based ET, soil moisture, and Crop ID  |                  | 75,000           | 75,000            |
|                          | RESPEC  | Data Management/Data Dashboards  |                  | 75,000           | 50,000            |
|                          | SK - Specialized Skill(s) Not Available   | "Contingency for special projects and requests providing technical assistance and research of protested items, Reserve Reduction computation and Water System Revenue Bond surcharge verification"   | 50,000           |                  |                   |
|                          | SK - Specialized Skill(s) Not Available   | Technical support for infrastructure related water supply impacts, including SWP Aqueduct Modeling Support and CALSIM SWP Supply Modeling to incorporate new operating criteria facilities.  |                  | 50,000           | 50,000            |
|                          | SK - Specialized Skill(s) Not Available   | To complete the core audit of the annual State Water Project charges   | 936,500          |                  |                   |
|                          | SK - Specialized Skill(s) Not Available   | To complete the core audit of the annual State Water Project charges. Assumes 3% escalation to fee schedule.   |                  | 964,500          | 993,500           |
|                          | SK - Specialized Skill(s) Not Available   |  | 100,000          |                  |                   |
|                          | SWIIM Systems   | Gate Measurement and Equipment Maintenance   |                  | 50,000           | 50,000            |
|                          | Spacial Wave  | Turf Area and Crop Identification via remote sensing   |                  | 50,000           | 50,000            |
| TBD                      | "Agricultural Desert Water Use Research including irrigation methods, crop selection, and crop management to scope and evaluate water savings opportunities in PVID and other high priority water uses on the Colorado River" | 65,000   |                  |                  |                   |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water Resource Management

| Template Type   | Org/Vendor/Provider  | Description  | Budget       | Proposed         | Proposed Plus One |
|---|--|--|--------------|------------------|-------------------|
| Professional Services                                     | TBD  | Colorado River water use study investigations (reflects mapping and monitoring fallow fields in the Palo Verde Irrigation District)  | 150,000      |                  |                   |
|   | TBD  | Cosultant(s) will develop an approach to model sustainable groundwater recharge needs under the IRP; Potential white paper on distribution system integration / water quality Best Management Practices.           |              | 25,000           | 75,000            |
|   | TBD  | Cosultant(s) will develop a groundwater assessment report in support of the IRP. Work will include data aggregation analysis and report development.   |              | 15,000           |                   |
|   | TBD  | Cosultant(s) will develop an AF value for how much water can be saved through modifying consumer behavior and complete a study that uncovers what motivates consumers to participate in conservation programs.     |              | 50,000           | 65,000            |
|   | TBD  | Cosultant(s) will provide expertise for survey of local suptly energy/GHG intensities and development of a Water-Energy nexus model for IRP support; May provide technical support for open water data activities. |              | 20,000           | 75,000            |
|   | TBD  | LRP Audits   | 60,000       | 60,000           | 60,000            |
|   | TBD  | Professional services for Master Plan Study, technical studies, MWD's distribution system model, conjunctive use programs, feasibility reports and cost estimates  | 25,000       |                  |                   |
|   | TBD  | RFQ for IRP related issues   |              | 200,000          | 250,000           |
|   | TBD  | Remote Sensing Study   | 75,000       |                  |                   |
|   | TBD  | Research on new and existing programs or technologies including water savings, saturation, behavior etc.   | 165,000      |                  |                   |
|   | TBD  | Studies and model development/implementation related to desalination, salinity management and the Water Energy Nexus modeling module, including DRINC related participation.                                       | 100,000      |                  |                   |
|   | TBD  | WUE studies (Hollis). Have a new conservation planning model and need to update savings estimates.   | 80,000       |                  |                   |
|   | TBD  | Water yielding management PVID lands   | 30,000       |                  |                   |
|   | Various  | Oncall specialized technical support   | 25,000       |                  |                   |
|   | <b>Total Professional Services</b>   |  |              | <b>1,986,500</b> | <b>2,003,500</b>  |
| Repairs & Maintenance - Outside Services                  | TBD  |  |              | 2,000            | 2,000             |
|   |  |  | 5,000        |                  |                   |
| <b>Total Repairs &amp; Maintenance - Outside Services</b> |  |  | <b>5,000</b> | <b>2,000</b>     | <b>2,000</b>      |
| Sponsorships  |  | AWE is an advocate for water efficient products and programs, and provides information and assistance on water conservation efforts.   |              | 2,500            | 2,500             |
|   |  | CA Water Policy Conference/Stanford Water Data Summit/Ag Conf Sponsorships   |              | 15,000           | 15,000            |
|   |  | Provide collaboration with a wide variety of stakeholders; information sharing, resources, networking. Combined membership with Alliance for Water Efficiency (AWE)  |              | 500              | 500               |
|   |  | Sponsors CalDesal's Annual conference  |              | 1,500            | 1,500             |
|   |  | Sponsors CalDesal's Fall Mixer   |              | 1,000            | 1,250             |
|   |  | Sponsors CalDesal's Spring Mixer   |              | 1,000            | 1,250             |
|   |  | Sponsors MSSC's conference   |              | 2,000            | 2,000             |
|   |  | Sponsorship of Annual Conference   |              | 5,000            | 5,000             |
|   |  | The primary purpose of the institute is to host an annual conference on California water issues, water user efficiency, water quality and surface and ground water management                                      |              | 10,000           | 10,000            |
|   | WaterSmart Innovations - The Conference supports a wide range of professional sessions and workshops along with an extensive exhibition of water-savings technologies and programs from around the world |  | 5,000        | 5,000            |                   |
| <b>Total Sponsorships</b>                                 |  |  |              | <b>43,500</b>    | <b>44,000</b>     |
| Training  | AGWA Groundwater Conference  |  | 250          |                  |                   |
|   | ASCME/ANSI   | Training Workshops   |              | 2,000            | 2,000             |
|   | CaDC   | CaDC Data Summit   |              | 500              | 500               |
|   | General technical training   |  | 150          |                  |                   |
|   | Groundwater Resources Association Workshops (2)  |  | 200          |                  |                   |
|   | New Horizons   | Improve administrative functions and support   |              | 4,600            |                   |
|   | Skillpath Seminars   | Annual subscription to Skillpath external training   |              | 3,000            | 3,000             |
|   | TBD  | Additional Specialized Training in Machine Learning  |              | 1,000            | 1,000             |
|   | TBD  | Agreement Administration   | 1,000        |                  |                   |
|   | TBD  | Employee Development Training  |              | 2,400            | 2,200             |

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Templates Report by Organization Detail

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Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water Resource Management

| Template Type         | Org/Vendor/Provider                                | Description  | Budget        | Proposed      | Proposed Plus One |
|-----------------------|--|--|---------------|---------------|-------------------|
| Training              | TBD  | Improve administrative functions and support   |               |               | 4,100             |
|                       | TBD  | Manager Coaching and Training  |               | 1,500         | 1,500             |
|                       | TBD  | Rstudio Conference, CO Law of the River, and other training  |               | 1,000         | 1,000             |
|                       | TBD  | Staff Training   |               | 2,000         | 2,000             |
|                       | TBD  | TBD  | 2,000         |               |                   |
|                       | TBD  | Training   | 2,000         |               |                   |
|                       | TBD  | Training focused in units and teams  | 2,000         |               |                   |
|                       | TBD  |  | 9,000         | 1,500         | 1,500             |
|                       |  | ACWA Conference registration Fee   |               |               | 300               |
|                       |  | AWWA Annual Meeting  | 3,000         |               |                   |
|                       |  | B. Goshi   | 5,000         |               |                   |
|                       |  | Brandon: Climate change seminars/outreach 2x\$600  |               | 1,200         | 1,200             |
|                       |  | Brandon: Leadership/management/negotiation 4x\$600   |               | 1,200         | 1,200             |
|                       |  | CRWUA Conference registration Fee  |               | 500           | 500               |
|                       |  | Conference Registration Fees   |               | 1,875         | 1,875             |
|                       |  | Desalination & W-E Nexus   | 800           |               |                   |
|                       |  | Distribution system planning, analysis, database applications  | 1,000         |               |                   |
|                       |  | ESRI, Water and Planning Conferences, Annual Water Data Summit, Other Climate Change related conferences   |               | 1,750         | 3,650             |
|                       |  | General Technical Training   |               | 400           | 400               |
|                       |  | Groundwater training   | 300           |               |                   |
|                       |  | Management Training  | 900           | 1,500         | 1,500             |
|                       |  | SQL Training   |               | 1,785         | 1,785             |
|                       |  | STATA Software Training  |               |               | 500               |
|                       |  | Software and technical training  |               | 1,300         | 1,400             |
|                       |  | Software and technical training  | 1,000         |               |                   |
|                       | State Water Project                                | 500  |               |               |                   |
|                       | State-wide planning issues and legislative support | 5,000  |               |               |                   |
|                       | Water Treatment Lic. Class                         |  |               | 500           |                   |
| <b>Total Training</b> |  |  | <b>34,100</b> | <b>31,010</b> | <b>33,610</b>     |
| Travel                | ASCME/ANSI standards meeting                       |  |               | 1,500         | 1,500             |
|                       | AWE Board Meetings                                 | 2 meetings/yr and conferences  |               | 2,000         | 2,000             |
|                       | Ag Liason  | Travel North of Delta  |               | 6,000         | 6,000             |
|                       | Ag Liason  | Water Transfer related (6x\$350)   |               | 5,000         | 5,000             |
|                       | CRA  | 2026 Guidelines prep or misc. Basin States meetings in LAS or PHX. 2 trips @ \$300/trip.   |               | 600           | 600               |
|                       | CRA  | 2026 Guidelines prep or misc. Basin States meetings in LAS or PHX. 3 trips @ \$300/trip  |               | 900           | 900               |
|                       | CRA  | Basin Study Program Pilot Study: Exploration of Quantification Methods for Deficit Irrigation, Seasonal Fallowing, and Irrigation Conversion of Irrigated Agriculture in the Lower Colorado River Basin (joint study with USBR, CAWCD, and SNWA). 1 meetings somewhere in LB (2 nights each = \$1,100) |               | 1,100         |                   |
|                       | CRA  | Binational Work Group Meetings (Minute 323). 3 U.S.-MX meetings in Tijuana (2 days each = \$650), 3 U.S.-only meetings (1 day each = \$400)  |               | 2,400         |                   |
|                       | CRA  | CAP-ASU-NASA Long-Range Scenario Modeling Meetings. 2 meetings in Phoenix (1 day each = \$450)   |               | 850           | 950               |
|                       | CRA  | Colo. River Management Work Group meetings; Purpose: ensure availability of maximum amount of Colorado River water supply to Metropolitan  |               | 300           | 300               |
|                       | CRA  | Colorado River Basin Salinity Control Work Group/Forum Meetings. 2 Forum meetings (4 days each = \$1,500), 3 WG meetings (3 days each = \$1000) per year.  |               | 6,000         | 8,400             |
|                       | CRA  | Colorado River Water Users Association Annual Meeting; Purpose: represent Metropolitan at meetings held on various topics in conjunction with the Annual Meeting. Multiple day conference in Las Vegas, flights, hotels, meals and incidentals.  |               | 2,200         | 2,200             |
|                       | CRA  | Las Vegas IOPP Technical Committee / Decree Accounting   |               | 600           | 600               |
|                       | CRA  | Long Term augmentation of Colorado River Supply; Purpose: develop programs to increase amount of water in storage in Lake Mead increasing likelihood of availability of surplus water  |               | 300           | 300               |
|                       | CRA  | Minute 323 (3 work groups, pre-meets and official meets melder). 4 trips @ \$400/trip.   |               | 1,600         | 1,600             |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water Resource Management

| Template Type | Org/Vendor/Provider  | Description  | Budget | Proposed | Proposed Plus One |
|---------------|--|--|--------|----------|-------------------|
| Travel        | CRA  | Near Term Augmentation of Colorado River Supply. Purpose: develop and implement water management programs to permit diversion of additional water by Metropolitan. |        | 300      | 300               |
|               | CRA  | PVID CIF Meetings. Fuel and meals. Assuming four trips per year.   |        | 200      | 200               |
|               | CRA  | QSA Coordination   |        | 600      | 600               |
|               | CRA  | RiverWare User Group Meetings. 1 meeting in Boulder, CO (2 nights = \$1,100) x2 staff  |        | 2,200    | 2,200             |
|               | CRA  | USBR State of the Science technical group. Technical group that meets around the State of the Science report, and other ongoing studies.                           |        | 600      | 600               |
|               | CRA  | WxMod Council/Association Meetings. 3 trips @ \$1,500/trip   |        | 2,250    | 2,250             |
|               | CRA  |  | 19,500 |          |                   |
|               | CalWEP   |  |        | 2,000    | 2,000             |
|               | California Irrigation Institute                                      | 2 meetings/yr and conferences  |        | 2,000    | 2,000             |
|               | Department of Water Resources  |  |        | 800      | 800               |
|               | IID  | IID  |        | 650      | 650               |
|               | IID and PVID   | IID and PVID   |        | 5,250    | 5,250             |
|               | K. Donhoff   | "SWC Committee & Board Meetings, Water Purchases, Monterey Litigation, Hyatt Cost Allocation, SWC Water Ops meetings (6x\$400 + 9x\$600 with lodging)"             | 7,800  | 5,000    | 5,000             |
|               | Local Resource   | Local Resource   |        | 4,800    | 4,800             |
|               | Member Agency meetings   |  |        | 800      | 800               |
|               | PVID   | PVID   |        | 900      | 900               |
|               | Presentations at Water Efficiency conferences/meetings               |  |        | 2,000    | 2,000             |
|               | S. Hirsch  | Travel North of Delta  | 600    |          |                   |
|               | S. Hirsch  | Water Transfer related (6x\$350)   | 2,100  |          |                   |
|               | SWP  |  | 25,500 |          |                   |
|               | SWP Storage Program  | SWP Storage Program  |        | 400      | 400               |
|               | SWP/SWC  | Los Angeles: Purpose: Attend staff meeting, training, and other work related functions.  |        | 2,000    | 2,000             |
|               | SWP/SWC  | MWQI Specific Project Committee  |        | 1,800    | 1,800             |
|               | SWP/SWC  | Modeling and Technical Support   |        | 600      | 300               |
|               | SWP/SWC  | Sacramento - Audit Results Exit Conference with DWR. 1 trip x2 attendees.  |        | 600      | 600               |
|               | SWP/SWC  | Sacramento - California Cooperative Snow Survey Workshop. Annual meeting.  |        | 300      |                   |
|               | SWP/SWC  | Sacramento - Purpose: Attend Water Ops Committee meeting. 7 trips to Sacramento @ \$300 each x2 staff.   |        | 4,200    | 4,200             |
|               | SWP/SWC  | Sacramento - SWC Audit Finance/OME Committees. 6 trips @450  |        | 2,700    | 2,700             |
|               | SWP/SWC  | Sacramento - SWC Board meetings. 6 trips @450 (including hotel).   |        | 2,700    | 2,700             |
|               | SWP/SWC  | Sacramento - SWC Energy Committee  |        | 1,800    | 1,800             |
|               | SWP/SWC  | Sacramento - SWC OME Committee. 6 trips.   |        | 1,800    | 1,800             |
|               | SWP/SWC  | Sacramento - water order, FERC, transfer and exchange related meetings. 2 trips  |        | 600      | 600               |
|               | SWP/SWC  | Sacto - WSRB Surcharge Negotiations. 2 trips.  |        | 600      |                   |
|               | SWP/SWC  | Sacto - WSRB Surcharge Negotiations. 4 trips.  |        |          | 1,200             |
|               | SWP/SWC  | State Water Contractor -Audit and Finance Committee Mtgs. 11 trips   |        | 3,300    | 3,300             |
|               | Sacramento trips   |  |        | 2,500    | 2,500             |
|               | TBD  | "El Centro, CA and Blythe, CA re IID and PVID Program (MY)"  | 4,800  |          |                   |
|               | TBD  | "USBR, Boulder City"   | 300    |          |                   |
|               | TBD  | ASCME/ANSI standards meeting   | 900    |          |                   |
|               | TBD  | Annual Meeting/Research/WateReuse Conference   | 2,400  |          |                   |
| TBD           | Attend binational meetings on cooperative water projects with Mexico | 2,000  |        |          |                   |
| TBD           | CUWCC PAC Involvement  | 500  |        |          |                   |
| TBD           | California Energy Commission   | 300  |        |          |                   |
| TBD           | California Irrigation Institute                                      | 700  |        |          |                   |
| TBD           | California Public Utilities Commission                               | 400  |        |          |                   |
| TBD           | Department of Water Resources  | 700  |        |          |                   |
| TBD           | IID-MWD Water Conservation Program: Attend PCC Meeting (HR)          | 600  |        |          |                   |
| TBD           | LRP Contract Administration and Conservation Meetings                | 200  |        |          |                   |
| TBD           | Landscape Conference   | 700  |        |          |                   |



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Version 1

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## Water Resource Management

| Template Type                          | Org/Vendor/Provider  | Description  | Budget           | Proposed         | Proposed Plus One |        |
|--|--|--|------------------|------------------|-------------------|--------|
| Travel                                 | TBD  | Local Chapter of WaterReuse in LA and SD   | 400              |                  |                   |        |
|  | TBD  | Meeting with USBR for program accounting   | 400              |                  |                   |        |
|  | TBD  | Meetings on codes and standards and market transformation  | 350              |                  |                   |        |
|  | TBD  | Member Agency Meetings In-Region   | 300              |                  |                   |        |
|  | TBD  | NorCal/Sac for CalWEP  | 1,000            |                  |                   |        |
|  | TBD  | PVID related issues  | 900              |                  |                   |        |
|  | TBD  | Regional Program Contract Compliance/Contract Management   | 1,600            |                  |                   |        |
|  | TBD  | Sac/Out of State for State/Fed Leg/Reg Support   | 800              |                  |                   |        |
|  | TBD  | Sacramento Trips   | 2,800            |                  |                   |        |
|  | TBD  | Sacramento re Land Subsidence in San Joaquin Valley Water Storage Programs (JB)  | 400              |                  |                   |        |
|  | TBD  | Sacramento re Water Transfers and Exchanges (JB)   | 600              |                  |                   |        |
|  | TBD  | Sacramento regarding WaterReuse Legislation Committee  | 400              |                  |                   |        |
|  | TBD  | San Diego: Attend annual GIS Conference  | 1,000            |                  |                   |        |
|  | TBD  | San Diego: Attend annual GIS conference  | 1,000            |                  |                   |        |
|  | TBD  | Travel to PVID lands or be present at District meetings  | 6,000            |                  |                   |        |
|  | TBD  | Water Smart Innovations Conference   | 2,500            |                  |                   |        |
|  | Transfers & Exchanges  | Transfers & Exchanges  |                  |                  | 500               | 500    |
|  | WaterSmart innovations Conference  |  |                  |                  | 3,000             | 3,000  |
|  |  | AWWA Annual Meeting (Hollis)   | 3,000            |                  |                   |        |
|  |  | Attend Law of River Conference   |                  |                  | 1,000             | 1,000  |
|  |  | Attend Open ET Meetings  |                  |                  | 1,500             | 1,500  |
|  |  | Attend CaDC Meetings   |                  |                  | 1,500             | 1,500  |
|  |  | B Goshi  | 10,000           |                  |                   |        |
|  |  | B. Coffey  |                  |                  | 15,500            | 15,500 |
|  |  | B. Goshi   |                  |                  | 11,500            | 11,500 |
|  |  | Colorado River Salinity Control Forum Workgroup and Forum Meetings - five meetins per year (Warren)  | 5,300            |                  |                   |        |
|  |  | Colorado River Salinity Forum Workgroup and Forum Meetings   |                  |                  | 800               | 800    |
|  |  | Covers two potential out-of-state trips for new DRINC Program / UCLA partnership   | 1,500            |                  |                   |        |
|  |  | Groundwater Storage - Includes one additional attendee to AGWA conference and support for ACWA GW committee Also attend relevant AWWA / AWRA conferences |                  |                  | 3,100             | 3,100  |
|  |  | Groundwater storage Misc. Travel   | 1,000            |                  |                   |        |
|  |  | IRP, WSDM, WUCA, Member Agency support, Climate Change   | 5,600            |                  |                   |        |
|  |  | IRP, WSDM, WUCA, Member Agency support, Climate Change   |                  |                  | 10,345            | 10,450 |
|  |  | Local Project Trips  |                  |                  | 250               | 250    |
|  |  | Local Projects   | 1,000            |                  |                   |        |
|  |  | Local Travel for IRWMP's, MA coordinations etc.  | 200              |                  | 200               | 200    |
|  |  | Open Water Data & Conservation   |                  |                  | 5,700             | 5,700  |
|  |  | Planning and legislative support   | 1,400            |                  | 1,200             | 1,200  |
|  |  | Seawater Desalination / Salinity Issues - CalDesal and MSSC Salinity Conference (Warren)   | 5,800            |                  |                   |        |
|  | Seawater Desalination/Salinity Issues, CalDesal and MSSC Salinity Conference       |  |                  | 4,800            | 4,800             |        |
|  | State-wide planning issues and legislative support                                 | 5,000  |                  | 1,500            | 1,500             |        |
|  | Statewide Planning (Sacramento Travel)   | 1,800  |                  | 1,600            | 1,600             |        |
|  | Statewide and Regional Planning  | 2,000  |                  | 400              | 400               |        |
|  | Travel to AFSCME executive meetings offsite  |  |                  | 50               | 50                |        |
|  | Travel to PVID lands or District meetings  |  |                  | 3,500            | 3,500             |        |
|  | Travel to various locations to attend Skillpath trainings                          |  |                  | 150              | 150               |        |
|  | Water Energy Nexus - Trips to Sacramento to attend regulatory and related meetings | 600  |                  |                  |                   |        |
|  |  |  | 15,250           |                  |                   |        |
| <b>Total Travel</b>                    |  |  | <b>149,900</b>   | <b>155,695</b>   | <b>154,800</b>    |        |
| <b>Total Water Resource Management</b> |  |  | <b>8,020,400</b> | <b>7,278,342</b> | <b>7,316,557</b>  |        |

## Water System Operations

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water System Operations

| Template Type  | Org/Vendor/Provider   | Description   | Budget  | Proposed | Proposed Plus One |
|--|---|---|---------|----------|-------------------|
| Memberships  | 00945   | PE license renewal  |         | 115      |                   |
|  | 00945   | Renewal of PE license (Staff)   | 140     |          |                   |
|  | 00948/Standard Methods  | Enterprise license/membership to Standard Methods   |         | 3,800    | 3,800             |
|  | 00948/The NELAC Institute/NELAP   | Enterprise license/membership to TNI (30+ users; NELAP Volume 1, 2016)  |         | 2,250    | 2,250             |
|  | 00948/Water Research Foundation   | Annual membership for Metropolitan; to participate in research program funding for projects supporting Metropolitan | 519,000 | 525,000  | 525,000           |
|  | 00997/Staff   | PE license renewal  |         |          | 115               |
|  | 00997/Staff   | Renewal of PE license (Manager)   | 140     |          |                   |
|  | 00998/Staff   | PE license  | 140     |          |                   |
|  | 00998/Staff   | PE license renewal  |         |          | 115               |
|  | 00999/Staff   | PE license renewal  |         | 115      |                   |
|  | 00999/Staff   | PE license renewal (Staff)  | 140     |          |                   |
|  | 01005-CDPH  | Averaged on a triennial basis: 1 Treatment Grade V, 1 Distribution Grade III, 1 Engineering license                 | 100     | 100      | 100               |
|  | 01006 - Unit Mgr.   | Renewal fee for T-5 water treatment license   | 105     | 105      | 105               |
|  | 01007/AWWA Magazine   | Yearly subscription to AWWA Op Flow   | 25      | 25       | 25                |
|  | 01008- State Water Resources Control Board  | Based on schedule of certificate renewal (water treatment/distribution).  | 100     | 100      | 100               |
|  | 01012-Variou - Department of Drinking Water   | Operators certifications  | 800     | 800      | 800               |
|  | 01012/California Utilities Emergency Assoc  | Emergency Mgmt Support  | 7,200   |          |                   |
|  | 01012/IAEM  | Emergency Mgmt Support  | 1,800   |          |                   |
|  | 01024/California Utilities Emergency Assoc.   | Emergency Management Support  |         | 7,200    | 7,200             |
|  | 01041/TBD   | Technical Organization Membership   |         | 200      | 200               |
|  | 01141/Barclays  | Subscription -for access/updates to California Code of Regulations  | 200     |          |                   |
|  | 01141/Thomson Reuters - West  | Subscription - for access/updates to California Code of Regulations   |         | 500      | 500               |
|  | 01155- Department of Drinking Water   | Certification and License renewals  | 80      | 80       | 80                |
|  | 01155-IEEE  | IEEE yearly membership  | 200     | 240      | 240               |
|  | 01155-ISA   | ISA yearly membership for one employee  | 250     | 130      | 130               |
|  | 01155-OSISOft   | PI Campus annual membership   | 1,700   | 1,700    | 1,700             |
|  | 01155-PE License  | PE license renewal for three employees  | 500     | 500      | 500               |
|  | 01171/Staff   | Commercial driver license renewals  | 200     | 460      | 290               |
|  | 01171/Staff   | Welding Certification   | 200     | 460      | 290               |
|  | 01175/Staff   | Welding Certification   | 200     |          |                   |
|  | 01176/Mgr   | PE License renewal  | 140     |          |                   |
|  | 01176/Staff   | PE license renewal  |         |          | 115               |
|  | 01178/National Association of Corrosion Engineers                                       | Renewal of NACE coating inspector certification   | 600     |          |                   |
|  | 01178/National Association of Corrosion Engineers                                       | Renewal of NACE coating inspector certification   |         | 600      | 700               |
|  | 01178/Staff   | Commercial driver license renewal   | 100     | 800      | 700               |
|  | 01180/National Electric Testing Association (NETA) World Technical Journal Subscription | Access to electrical standards information  | 200     |          |                   |
|  | 01180/Staff   | PE license renewal (Staff)  | 140     | 140      |                   |
|  | 01180/TBD   | Professional Organization Memberships   |         | 610      | 610               |
|  | 01195- CDPH   | Averaged on a triennial basis: 4 Treatment Grade II. Distribution: 2 Grade II, 1 Grade III                          | 200     | 200      | 200               |
|  | 01195- ISA  | Renewal of ISA membership   | 100     | 100      | 100               |
| 01199 - CWEA   | Renewal fee for (1) CWEA membership.  | 180   | 180     | 180      |                   |
| 01199 - California Professional Engineers and Land Surveyors | Renewal fee for Control Systems Engineer  | 115   | 115     | 115      |                   |
| 01199 - ISA  | Renewal fee for (2) ISA CCST memberships.   | 385   | 385     | 385      |                   |
| 01199 - State Water Resources Control Board                  | Renewal fee for (1) D-1 distribution system license.                                    | 60  | 60      | 60       |                   |
| 01199 - State Water Resources Control Board                  | Renewal fee for (1) T-1 water treatment license.  | 70  | 70      | 70       |                   |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water System Operations

| Template Type | Org/Vendor/Provider                                       | Description  | Budget | Proposed | Proposed Plus One |
|---------------|---|--|--------|----------|-------------------|
| Memberships   | 01199 - State Water Resources Control Board               | Renewal fee for (1) T-2 water treatment license.   | 80     | 80       | 80                |
|               | 012012/Southern California Emergency Services Association | Emergency Mgmt Support   | 200    |          |                   |
|               | 01203/ISA   | ISA CCST (1) Certification renewal at \$300  | 1,800  | 1,800    | 1,800             |
|               | 01203/State Water Resources Control Board                 | Renewal fees for (1) D-2 water distribution licenses   | 60     | 60       | 60                |
|               | 01207- ISA  | Renewal of ISA (5 certification)   | 1,000  | 300      | 300               |
|               | 01207- State Water Resources Control Board                | Based on schedule of certificate renewal (water treatment/distribution).   | 200    | 200      | 200               |
|               | 01221-Certification Renewals                              | DHS-Certification Renewals   | 800    | 800      | 800               |
|               | 01223/Aqueduct Maint. Team                                | Treatment/distribution license renewals  |        | 100      |                   |
|               | 01251-American Groundwater Association                    | Metropolitan Annual Affiliate Membership   | 400    |          |                   |
|               | 01251-California Department of Consumer Affairs           | 5 PE Licenses  | 600    | 600      | 600               |
|               | 01274- State Water Resources Control Board                | Based on schedule of certificate renewal (water treatment/distribution).   | 800    | 800      | 800               |
|               | 01275- LA County Dept. of Public Works                    | Based on schedule of certificate renewal (Backflow Pervention)   | 300    | 300      | 150               |
|               | 01275- State Water Resources Control Board                | Based on schedule of certificate renewal (water treatment/distribution).   | 500    | 300      | 300               |
|               | 01275- Vibration Institute                                | Based on schedule of certificate renewal (Category 2)  |        |          | 150               |
|               | 01276- State Water Resources Control Board                | Based on schedule of certificate renewal (water treatment/distribution).   | 300    | 300      | 300               |
|               | 01277- CDPH   | "Averaged on a triennial basis: Treatment: 4 Grade III, 8 Grade IV, 1 Grade V. Distribution: 4 Grade II, 7 Grade III"      | 900    | 900      | 900               |
|               | 01278- American Backflow Prevention Assoc.                | Renewal is every 2-yrs; budget = \$900/ea divided by 2-yrs   | 500    | 500      | 500               |
|               | 01278- CDPH   | Averaged on a triennial basis: Treatment: 6 II, 1 Grade III. Distribution: 2 Grade II, 3 Grade III. 1 Engineering license. | 300    | 300      | 300               |
|               | 01279- CDPH   | Averaged on a triennial basis: Treatment: 6 Grade II. Distribution: 3 Grade II, 2 Grade III, 1 Grade IV                    | 300    | 300      | 300               |
|               | 01280 - State Water Resources Control Board               | Renewal fees for (1) D-4 distribution system license.  | 105    | 105      | 105               |
|               | 01280 - State Water Resources Control Board               | Renewal fees for (2) D-3 distribution system license.  | 90     | 90       | 90                |
|               | 01280 - State Water Resources Control Board               | Renewal fees for (2) T-4 water treatment licenses.   | 210    | 210      | 210               |
|               | 01281   | Renewal fee for D-5 distribution system license.   | 105    | 105      | 105               |
|               | 01281 - State Water Resources Control Board               | Renewal fee for D-2 distribution system license  | 60     | 60       | 60                |
|               | 01281 - State Water Resources Control Board               | Renewal fee for T-2 water treatment license  | 60     | 60       | 60                |
|               | 01283/State Water Resources Control Board                 | Renewal fees for (1) T-3 water treatment licenses  | 90     | 90       | 90                |
|               | 01283/State Water Resources Control Board                 | Renewal fees for (1) T-4 water treatment licenses  | 315    | 315      | 315               |
|               | 01283/State Water Resources Control Board                 | Renewal fees for (1) T-5 water treatment licenses  | 105    | 105      | 105               |
|               | 01284/State Water Resources Control Board                 | Renewal fee for (1) D-2 Water distribution license   | 60     | 60       | 60                |
|               | 01284/State Water Resources Control Board                 | Renewal fee for (1) T-3 Water treatment license  | 90     | 90       | 90                |
|               | 01284/State Water Resources Control Board                 | Renewal fee for (2) T-2 Water treatment license  | 160    | 160      | 160               |
|               | 01285/State Water Resources Control Board                 | Renewal fees for (1) T-2 water treatment licenses  | 60     | 60       | 60                |
|               | 01287/HindsTeam   | Water treatment and distribution certifications.   | 60     |          |                   |
|               | 01287/HindsTeam   | Water treatment and distribution licenses.   |        | 60       | 60                |
|               | 01290/Staff   | Certified crane operator renewals  | 500    |          |                   |
|               | 01290/Staff   | Commercial driver license renewals   | 500    |          | 300               |
|               | 01293/Staff   | Commercial driver license renewals   | 100    | 500      |                   |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water System Operations

| Template Type | Org/Vendor/Provider  | Description   | Budget | Proposed | Proposed Plus One |
|---------------|--|---|--------|----------|-------------------|
| Memberships   | 01294/Society for Maintenance & Reliability Professionals            | Organizational membership - to advance equipment reliability and physical asset management    | 1,600  |          |                   |
|               | 01294/Society for Maintenance & Reliability Professionals            | Organizational membership - to advance equipment reliability and physical asset management    |        | 1,000    | 1,000             |
|               | 01294/Staff  | PE license renewal  |        | 230      | 230               |
|               | 01294/Staff  | PE license renewal (Smith)  | 140    |          |                   |
|               | 01294/Vibration Institute  | Organizational membership - technical resource for vibration analysis theory and standards    | 800    |          |                   |
|               | 01294/Vibration Institute  | Organizational membership - technical resource for vibration analysis theory and standards    |        | 1,000    | 1,000             |
|               | 01368/Licensing Board  | Professional Engineer Licensing   |        | 460      | 460               |
|               | 01375/OSM  | Treatment/Distribution license renewals.  |        | 250      |                   |
|               | 0180/Staff   | PE license renewal (Staff)  |        |          | 140               |
|               | 0920/American Water Works Association                                | AWWA is an international organization dealing drinking water issues                           | 24,296 | 26,000   | 27,000            |
|               | 0920/Association of Metropolitan Water Agencies                      | "AMWA is composed of metropolitan, county, or city agencies serving"                          | 27,073 | 28,000   | 29,000            |
|               | 0920/California Board for Professional Engineers                     | PE License renewal for 3, every other year  |        | 250      | 250               |
|               | 0920/California Board for Professional Engineers                     | PE License renewal for BC due even years  | 125    |          |                   |
|               | 0920/Water Treatment Operator Certification                          | T5 renewal- JG (even years)   | 200    |          |                   |
|               | 0920/Water Treatment Operator Certification                          | T5- BC due (odd years)  | 255    |          |                   |
|               | 0920/Water Treatment Operator Certification                          | T5/D5 renewal for 3, every other year   |        | 280      | 280               |
|               | 1002/Corporate Memberships   | Organizational membership - Association for Fleet work and/or mgmt                            | 1,767  | 1,800    | 1,800             |
|               | 1002/Various Memberships & Subscriptions                             | Various memberships & subscriptions associated with Fleet management                          | 20,353 | 16,200   | 16,200            |
|               | 1003/CDPH  | Water Treatment Licenses  | 150    | 150      | 150               |
|               | 1003/State of California   | Professional Engineer Licenses  | 350    | 350      | 350               |
|               | 1004/Certification   | Certification and license renewals  | 200    | 200      | 200               |
|               | 1009/Various   | Certificate and professional license renewals for Section Manager                             | 500    | 250      | 250               |
|               | 1010/Various   | Renewal of water treatment and water distribution certificates                                | 100    | 100      | 200               |
|               | 1011/Various   | Water treatment/distribution certification renewals   | 400    | 400      | 400               |
|               | 1013/DesertRegionUnit-Team   | Treatment/distribution license renewals for four employees.                                   |        | 300      | 300               |
|               | 1013/DesertRegionUnit-Team   | Water treatment and distribution certificates for three employees                             | 300    |          |                   |
|               | 1015/PE License  | Renewal of PE license for Water Purification Engineer   | 200    | 200      | 200               |
|               | 1015/Partnership for Safe Water                                      | A voluntary cooperative effort between the USEPA, AWWA, and over 200 surface water utilities  | 7,200  |          |                   |
|               | 1015/Partnership for Safe Water                                      | Partnership for Safe Water membership (treatment and distribution)                            |        | 7,200    | 7,200             |
|               | 1026/American Society of Safety Engineers (ASSE)                     | Annual membership dues  | 200    |          |                   |
|               | 1026/Cal OSHA Reporter   | subscription for OSHA related topics  | 1,190  | 1,190    | 1,190             |
|               | 1026/California Council for Environmental & Economic Balance (CCEEB) | Regulatory & legislative support for wastewater, storm water and air quality                  | 58,700 | 58,700   | 58,700            |
|               | 1026/California Stormwater Quality Association (CASQA)               | Regulatory support for storm water issues   | 2,200  |          |                   |
|               | 1026/Chlorine Institute  | Membership req'd for Best Management Practice (BMP) resource for Chlorine Process Safety Mgmt | 1,000  | 1,000    | 1,000             |
|               | 1026/Edison Electric Institute (EEI/USWAG)                           | USQAG membership dues   | 9,000  |          |                   |
|               | 1026/Edison Electric Institute (EEI/USWAG)                           | USWAG Membership Dues   |        | 9,000    | 9,000             |
|               | 1026/Inside Washington Publishers (IWP) Newsletters                  | Subscription renewal: Cal EPA, EPA news & topics  |        | 2,085    | 2,085             |
|               | 1026/Inside Washington Publishers (IWP) Newsletters                  | subscription renewal: Cal PA, EPA news & topics   | 2,085  |          |                   |
|               | 1026/National Safety Council   | Membership for Health & Safety issues   | 450    | 450      | 450               |
|               | 1026/Phylmar Regulatory Roundtable                                   | Regulatory & Legislative support for HazMats, air quality and Health & Safety concerns        | 7,250  | 7,500    | 7,500             |

# Metropolitan Water District of Southern California

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water System Operations

| Template Type | Org/Vendor/Provider  | Description   | Budget | Proposed | Proposed Plus One |
|---------------|--|---|--------|----------|-------------------|
| Memberships   | 1026/Public Agency Safety Management Assoc                         | Membership for public agencies on Health & Safety issues                                    | 300    |          |                   |
|               | 1026/SPHERA Solutions, Inc (CYBERREGS)                             | CYBERREGS Subscription  | 2,890  | 2,890    | 2,890             |
|               | 1026/Southern California Alliance of Public Owned Utilities (SCAP) | Regulatory tracking and advocacy for local air and wastewater environmental issues          | 2,700  | 2,700    | 2,700             |
|               | 1026/Various vendors   | certifications and license renewals   | 300    |          |                   |
|               | 1031/Various   | Renewal of NACE certificates, and water distribution/treatment certificate renewal.         | 100    | 600      |                   |
|               | 1032/Various   | Water treatment/distribution certification renewals   | 300    | 300      | 300               |
|               | 1165/Board of Certified Safety Professionals                       | Certification is needed for internal oversight to ensure health and safety compliance.      | 320    | 320      | 320               |
|               | 1165/State of California Board of Professional Engineers           | Renewal of Professional Certification P.E. Safety.  | 330    | 330      | 330               |
|               | 1187/Staff   | Commercial driver license renewals  | 100    | 100      | 100               |
|               | 1191/Certification   | Water treatment and distribution license renewals   | 200    | 500      | 500               |
|               | 1191/ISA   | Instrument Society of America (ISA) certification renewals                                  | 100    | 1,000    | 1,000             |
|               | 1209/Various   | Renewal of water treatment and water distribution certificates                              | 300    | 600      | 400               |
|               | 1211/Various   | Renewal of water treatment and water distribution certificates                              | 300    | 600      | 200               |
|               | 1212/Various   | Renewal of water treatment and water distribution certificates                              | 100    | 300      | 500               |
|               | 1213/Various   | Renewal of water treatment and water distribution certificates                              | 300    | 500      | 500               |
|               | 1216/Various   | \$1600 WaterTreatment/Distribution Certifications(16)                                       | 300    | 300      | 300               |
|               | 1218/Various   | WaterTreatment/Distribution Certifications (4@75)   | 300    | 300      | 300               |
|               | 1219/Various   | WaterTreatment/Distribution Certifications (8@75)   | 300    | 400      | 400               |
|               | 1223/Various   | CDL Renewals  | 100    |          |                   |
|               | 1226/Powerline Maintenance   | ISA renewal for team manager  |        | 80       | 80                |
|               | 1226/Powerline Maintenance   | Water treatment/distribution license renewals   |        | 260      | 260               |
|               | 1228/Gen&IntakeTeam  | Water Certifications  | 400    | 200      | 200               |
|               | 1229/IronTeam  | Water treatment and distribution certifications.  | 500    | 500      | 500               |
|               | 1231/FacilityServicesTeam  | Food handler certificates for 13 employees (13x\$20=\$260)                                  |        | 300      | 300               |
|               | 1231/FacilityServicesTeam  | Food handlers certificates (20@22)  | 500    |          |                   |
|               | 1234/BioMerieux API  | Online bacteriological identification codes   | 400    | 400      | 400               |
|               | 1235/Industry Journal  | Electronic Journal article access   |        | 750      | 750               |
|               | 1235/Industry Journal  | Electronic journal article access   | 450    |          |                   |
|               | 1236/Various   | Journal subscriptions in various areas: lake and reservoir management; limnology; and algae | 1,000  | 1,000    | 1,000             |
|               | 1238/ABPA  | American Backflow Prevention Association membership   | 100    | 100      | 100               |
|               | 1238/Certification Renewals  | Fees for water treatment and water distribution certifications                              | 500    | 500      | 500               |
|               | 1238/License Renewals  | PE license fees   | 500    |          |                   |
|               | 1238/License Renewals  | PE license renewal fees   |        | 360      | 360               |
|               | 1238/USC FCCC  | Foundation for Cross Connection Control and Hydraulic Research membership                   | 120    | 170      | 170               |
|               | 1239/Clean Colorado River Sustainability Coalition                 | Participation on coalition to address Lower Colorado River Water Quality issues             | 4,000  | 4,000    | 4,000             |
|               | 1239/License renewals  | PE, water treatment, and water distribution fees  | 2,000  | 2,000    | 2,000             |
|               | 1244/Certificate renewals  | Water Treatment Certificates  | 400    | 500      | 500               |
|               | 1262/City of Los Angeles   | D1.1 Structural Steel Welding Certification -Staff  | 240    | 240      | 240               |
|               | 1262/International Association of Electrical Inspectors            | IAEI Membership to stay current with electrical safety standards and products - Staff       | 125    | 125      | 125               |
|               | 1262/National Fire Protection Association                          | NFPA Membership - Staff   | 165    |          |                   |
|               | 1262/National Fire Protection Association                          | NFPA Membership Renewal   |        | 165      | 165               |
|               | 1267/TBD   | Professional licenses/certification for new and existing staff.                             |        | 700      | 700               |
|               | 1268/American Board of Industrial Hygiene                          | Certification for industrial hygienist (AJ/OP)  | 200    | 200      | 200               |
|               | 1268/American Industrial Hygiene Association                       | "Provides training, guidance, and information related to industrial hygiene."               | 200    | 200      | 200               |
|               | 1268/American Society of Safety Engineers                          | "Provides training, conferences, and networking to assist in industrial hygiene."           | 200    | 200      | 200               |

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Version 1

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## Water System Operations

| Template Type               | Org/Vendor/Provider  | Description   | Budget         | Proposed         | Proposed Plus One |
|-----------------------------|--|---|----------------|------------------|-------------------|
| Memberships                 | 1268/Board of Certified Safety Professionals   | Cerfication for safety professionals (OP)   | 200            | 200              | 200               |
|                             | 1268/National Fire Protection Association  | "Technical, regulatory, and benchmarking information for MWD Fire Protection Program."  | 200            | 200              | 200               |
|                             | 1268/TedWest   | Title 22 - for subscription updates (for Radiation State License)   | 100            | 100              | 100               |
|                             | 1269/PE Registration   | PE registration for staff.  | 650            |                  |                   |
|                             | 1269/PE and License Certification  | 2 - PE @ \$165 (2 years); 1-CHMM @ \$140 (annual); and 1-CSP @ \$180 (annual)   |                | 650              | 650               |
|                             | 1270/National Safety Council   | Defensive Driver video license agreement.   | 750            |                  | 750               |
|                             | 1270/National Safety Council   | Instructor Certifications for Defensive Driver  | 250            |                  | 250               |
|                             | 1270/PE License  | License Renewal: D. Litchfield  |                | 250              | 250               |
|                             | 1270/PE License  | License Renewal: DC   | 250            |                  |                   |
|                             | 1270/Subscription  | Knowledge Keeper  |                | 250              | 250               |
|                             | 1270/Subscription  | SABA Consulting on Demand   |                | 3,000            | 3,000             |
|                             | 1270/Survey Monkey   | Online survey subscription  | 300            | 300              | 300               |
|                             | 1271/Certification   | Water treatment license renewals  | 800            | 800              | 800               |
|                             | 1272/Certification   | Water treatment license renewals  | 200            | 200              | 200               |
|                             | 1273/Certification   | Water treatment license renewals  | 200            | 200              | 200               |
|                             | 1286/EagleTeam   | Water treatment and distribution certificates.  | 145            |                  |                   |
|                             | 1286/EagleTeam   | Water treatment and distribution licenses.  |                | 160              | 160               |
|                             | American Public Power Association  | Support / assist in evaluating proposed legislation & regulations   | 8,000          | 9,000            | 9,000             |
|                             | Genscape   | Energy market fundamentals and statistics   |                | 35,000           | 35,000            |
|                             | Institute of Hazardous Materials Management  | Hazardous Materials Manager Certification   |                | 160              |                   |
|                             | Institute of Hazardous Materials Management  | Hazardous Materials Manager Certification for 4 staff members   |                |                  | 680               |
|                             | Intercontinental Exchange (ICE)  | Internet access for energy-pricing information  | 9,100          | 9,000            | 9,000             |
|                             | Newsdata Corp  | "Energy policy, market news and resource development for the western US"  | 2,500          | 2,600            | 2,600             |
|                             | Open Access Technology Incorporated  | Internet access to track electronic tags on energy transmission   | 16,000         | 16,000           | 16,000            |
|                             | PE Registration  | PE Registration for Section Manager   |                | 300              | 300               |
|                             | Platts   | "Energy resources news, information, and pricing"   | 7,600          | 35,000           | 35,000            |
|                             | Ragan's Motivational Resources   | "Annual subscription to Bits and Pieces ( Employee motivation material - It provides perspective, guidance, and insight into human nature)" | 435            |                  |                   |
|                             | Routine O&M  | Technical/Professional  |                |                  | 250               |
|                             | Routine O&M  | Treatment/distribution license renewals   |                |                  | 100               |
|                             | Southern California Edison Co.   | Etiwanda Power Switching Station (APX or automated power exchange related)  | 36,000         | 35,000           | 35,000            |
|                             | TBD  | Exam and certification fees for Class A licenses - CUF drivers  | 300            | 300              | 300               |
|                             | Various employees' professional license renewal  | PE licenses   | 500            | 500              | 500               |
| WECC / WREGIS               | WREGIS tracks renewable energy & issues renewable energy certificates. Policies, rules & guidelines for operating interconnected electrical systems. Used to budget \$2,100 under WREGIS, now WECC / WREGIS one combined budget. | 4,000   | 3,000          | 3,000            |                   |
| Wood Mackenzie              | Long-term energy market outlook reports  |   | 30,000         | 30,000           |                   |
| ZGlobal                     | Provide CAISO scheduling coordinator services for 10 hydroelectric power units   |   | 82,800         | 85,300           |                   |
| ZGlobal                     |  | 55,000  |                |                  |                   |
| <b>Total Memberships</b>    |  |   | <b>880,424</b> | <b>1,011,055</b> | <b>1,015,750</b>  |
| Outside Services - Non Prof | 00945/TBD  | Outside services, as required   | 500            |                  |                   |
|                             | 00997/First Choice   | Coffee supply services  | 4,000          | 3,000            | 2,200             |
|                             | 00997/Left Coast Scales  | Truck scale maintenance - Mathews & CUF   |                | 1,000            | 1,000             |
|                             | 00997/Marx Bros  | Fire extinguisher maintenance services  | 2,500          | 2,800            | 2,800             |
|                             | 00997/Orkin  | Pest control services contract for Lake Mathews   | 14,000         | 20,000           | 20,000            |
|                             | 00997/Ultimate Cleaning Services   | Janitorial service contract for Lake Mathews  | 35,000         | 38,200           | 39,000            |
|                             | 01005- Airgas  | LOX Tank Inspections  | 6,000          | 5,400            | 5,400             |
|                             | 01005- American Integrated Services  | Sewer clean-out   |                | 25,000           | 25,000            |
|                             | 01005- Culligan Water Service  | Water softening service   | 3,500          | 1,600            | 1,600             |
|                             | 01005- JP Maintenance  | Janitorial service  | 64,900         | 74,900           | 74,900            |
|                             | 01005- Kone Elevator   | Elevator inspection - 2 elevators   | 9,100          | 9,900            | 9,900             |
|                             | 01005- Nalco Cal Water   | Ion tank rental & exchange  | 5,000          | 6,500            | 6,500             |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

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Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water System Operations

| Template Type               | Org/Vendor/Provider                                | Description  | Budget  | Proposed | Proposed Plus One |
|-----------------------------|--|--|---------|----------|-------------------|
| Outside Services - Non Prof | 01005- Simplex                                     | Fire alarm monitoring  | 600     | 600      | 600               |
|                             | 01005- TBD   | Carpet cleaning  | 7,000   |          |                   |
|                             | 01005- Wildlife Management Professional            | Rodent & insect control and bee removal  | 5,000   | 5,000    | 5,000             |
|                             | 01005-JP Maintenance                               | Stripping and waxing terrazzo and other flooring   | 16,900  | 16,900   | 16,900            |
|                             | 01005-Orange Co. Conserv. Corp                     | General maintenance activities   | 67,100  |          |                   |
|                             | 01005-Sunshine Windows                             | Window cleaning  | 19,800  | 26,000   | 26,000            |
|                             | 01007/AmeriGas Propane                             | Service agreement for Propane & Rental of Tank   | 1,800   | 1,800    | 1,800             |
|                             | 01007/Animal Pest Management, Inc.                 | Service agreement for pest and rodent control throughout the Skinner Plant (\$550/mo)    |         | 6,600    | 6,600             |
|                             | 01007/Animal Pest Management, Inc.                 | Service agreement for rodent control throughout the Skinner Plant (\$550/mo)             | 6,600   |          |                   |
|                             | 01007/First Choice                                 | Service agreement for First Choice supplies  | 3,800   |          |                   |
|                             | 01007/First Choice                                 | Service agreement for coffee supplies/services for Skinner Treatment & C&D Teams         |         | 3,800    | 3,800             |
|                             | 01007/So-Cal Auto Detailing                        | Service agreement for washing vehicles   | 4,000   | 4,000    | 4,000             |
|                             | 01007/Ultimate Cleaning Services, Inc.             | "Janitorial service throughout the Skinner Plant (\$3,999.27/mo)"                        | 48,000  |          |                   |
|                             | 01007/Ultimate Cleaning Services, Inc.             | Janitorial service throughout the Skinner Plant (\$4,079.26/mo)                          |         | 48,000   | 48,000            |
|                             | 01008- Airgas                                      | LOX tanks Inspections  | 6,000   | 6,000    | 6,000             |
|                             | 01008- Evoqua Water Technologies                   | DI water service   | 5,000   | 5,000    | 5,000             |
|                             | 01008- J.A. Plack                                  | Railroad track Inspections   | 6,000   | 6,000    | 6,000             |
|                             | 01012-Automated Gates Service                      | Maintenance service for security gates at Eagle Rock Facility.                           | 4,500   | 4,500    | 4,500             |
|                             | 01012-DMS  | Janitorial service for Eagle Rock Facility.  | 29,000  | 29,000   | 29,000            |
|                             | 01012-Orkin Pest Control                           | Pest control service for Eagle Rock Facility.  | 5,000   | 5,000    | 5,000             |
|                             | 01012-Sunshine Window Cleaning                     | Window cleaning for Eagle Rock Facility.   | 1,200   | 1,200    | 1,200             |
|                             | 01012-Thyssen Krupp Elevator                       | Elevator maintenance service for Eagle Rock Facility.                                    | 5,000   | 5,000    | 5,000             |
|                             | 01035/First Choice Services                        | Coffee services for OSS La Verne - Bldg 4  | 7,300   | 7,500    | 7,500             |
|                             | 01035/Janitorial Company                           | Weymouth plant janitorial services contract  | 225,000 | 252,500  | 257,600           |
|                             | 01035/Prudential Supply                            | Biweekly mats and mop services for Weymouth  | 10,000  | 13,000   | 13,000            |
|                             | 01035/Quality Street Service                       | Street sweeping of all paved areas at Weymouth   | 9,000   | 8,000    | 8,000             |
|                             | 01035/Sunshine Windows                             | Window cleaning services for Weymouth plant  | 25,000  | 22,500   | 22,500            |
|                             | 01041/Dockmasters                                  | Inspection/maintenance of handicap lifts   | 1,600   |          |                   |
|                             | 01041/Kone   | Elevator Inspections   |         | 8,000    | 8,000             |
|                             | 01041/Kone   | Elevator inspections   | 7,500   |          |                   |
|                             | 01041/San Gabriel Valley Carpet Care               | Carpet cleaning services   | 5,500   | 8,000    | 8,000             |
|                             | 01041/TBD  | Other facility maintenance, as needed  | 8,150   | 4,000    | 4,000             |
|                             | 01041/Terminex                                     | Pest control services  | 7,250   |          |                   |
|                             | 01041/Terminex                                     | Pest Control Services  |         | 8,000    | 8,000             |
|                             | 01041/Vortex                                       | Roll up door maintenance   | 3,000   |          |                   |
|                             | 01041/Vortex                                       | Roll up door maintenance and wheelchair lift   |         | 5,000    | 5,000             |
|                             | 01141/Preferred Aerial & Crane                     | Crane certification services   | 70,000  | 50,000   | 50,000            |
|                             | 01141/Prudential Overall Supply                    | Clean and supply uniforms  |         | 10,000   | 10,000            |
|                             | 01141/TBD  | Calibration services of measuring equipment  |         | 10,000   | 10,000            |
|                             | 01141/TBD 1  | Machining/Fabrication services, as required  | 40,000  |          |                   |
|                             | 01171/TBD  | Service contracts, as required (e.g., concrete cutting, site fencing, asphalt placement) | 12,000  | 18,000   | 18,000            |
|                             | 01175/First Choice Services                        | Coffee services  |         | 500      | 500               |
|                             | 01175/Prudential Supply                            | Staff uniforms and shop towels   | 8,000   | 8,000    | 8,000             |
|                             | 01175/TBD  | Calibration services for various tools   |         | 2,000    | 2,000             |
|                             | 01175/TBD  | Machine shop maintenance services  |         | 4,500    | 4,500             |
|                             | 01175/TBD  | Other outside services, as required  | 2,000   |          |                   |
|                             | 01176/TBD  | Hydro tank inspections   |         | 1,000    | 1,000             |
|                             | 01176/TBD - Tank Inspector                         | Hydro tank inspections   | 1,000   |          |                   |
|                             | 01178/First Choice Services                        | Coffee services  |         | 1,250    | 1,250             |
|                             | 01178/First Choice Services                        | Water (to supplement lack of water fountain in shop)                                     | 500     |          |                   |
| 01178/Prudential Supply     | Uniforms and shop towels                           | 3,500  | 3,500   | 3,500    |                   |
| 01178/TBD                   | Other outside services, as required                | 500  | 1,250   | 1,250    |                   |
| 01180/AMPS-DMS              | ISO meter calibrations at all hydroelectric plants | 18,000   | 50,000  | 50,000   |                   |

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Version 1

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## Water System Operations

| Template Type               | Org/Vendor/Provider   | Description  | Budget | Proposed | Proposed Plus One |
|-----------------------------|---|--|--------|----------|-------------------|
| Outside Services - Non Prof | 01180/TJ/H2B  | Laboratory analysis of insulating oil samples  | 20,000 | 25,000   | 25,000            |
|                             | 01195- Puretech   | Tank rental and exchange to remove chloramines from potable water used for ozone residual analyzers                              | 1,400  | 900      | 900               |
|                             | 01195-Shimadzu  | Maintenance and repairs to spectrophotometers  |        | 2,000    | 2,000             |
|                             | 01196/Evoqua Water Technologies   | Deionizer tank service for HVAC, Lab, Ozone Lab, Cl2 Bldg., Contactors, and Chlorine Unloading Facility                          | 5,000  | 8,500    | 8,500             |
|                             | 01196/First Choice Coffee Supplies  | Coffee supplies for Mills Plant and Chlorine Unloading Facility  | 5,000  | 5,000    | 5,000             |
|                             | 01196/Kone, Inc.  | Monthly elevator inspections (\$227/month)   | 2,800  |          |                   |
|                             | 01196/Kone, Inc.  | Monthly elevator inspections (\$245/month)   |        | 3,000    | 3,000             |
|                             | 01196/Ultimate Janitorial   | Janitorial service for Chemical Unloading Facility (\$475/mo)  | 5,700  |          |                   |
|                             | 01196/Ultimate Janitorial   | Janitorial service for Chemical Unloading Facility (\$525/mo)  |        | 6,300    | 6,300             |
|                             | 01196/Ultimate Janitorial   | Janitorial service for Mills Plant (\$2,783/mo)  | 34,000 |          |                   |
|                             | 01196/Ultimate Janitorial   | Janitorial service for Mills Plant (\$2,839/mo)  |        | 34,063   | 34,063            |
|                             | 01196/Wildlife Management Professionals   | Pest control for Mills Plant and Chlorine Unloading Facility (\$735/mo)  | 10,100 |          |                   |
|                             | 01196/Wildlife Management Professionals   | Pest control for Mills Plant and Chlorine Unloading Facility (\$806/mo)  |        | 12,000   | 12,000            |
|                             | 01199 - Marx Brothers   | Fire Suppression System Repair & Maintenance System  | 2,000  |          |                   |
|                             | 01199 - Puretec   | Rental & exchanges for activated carbon vessels  | 2,000  | 2,000    | 2,000             |
|                             | 01199 - Simplex Grinnell  | Fire Monitoring & Repair Services for Mills and Chlorine Unloading Facility  | 6,000  |          |                   |
|                             | 01199 - Simplex Grinnell/Johnson Controls   | Fire Monitoring & Repair Services for Mills and Chlorine Unloading Facility  |        | 11,000   | 11,000            |
|                             | 01203/Industrial Scientific Corp.   | Automatic gas replenishment  | 3,500  | 3,500    | 3,500             |
|                             | 01203/Puretec Industrial Water  | Rental & exchanges for activated carbon vessels (shared w/ 5 Treatment Plants)   | 450    | 450      | 450               |
|                             | 01203/Shimadzu  | Annual service and certification for Shimadzu Spectrophotometer  |        | 4,000    | 4,000             |
|                             | 01207 - PureTec   | Tank rental and exchange for the removal of chloramines from portable water used for ozone residual analyzer module calibration. | 1,400  | 700      | 700               |
|                             | 01207 - Shimadzu  | Service and certification of Spectrophotometer   |        | 2,000    | 2,000             |
|                             | 01275- Concrete Coring Co.  | Core drilling into concrete walls and floors   | 600    | 600      | 600               |
|                             | 01275- Orange County Conservation Corp.   | General maintenance activities   | 20,000 | 5,000    | 5,000             |
|                             | 01275- United Storm Water   | Vacuum truck service to support basin and sump solids removal  | 10,000 | 10,000   | 10,000            |
|                             | 01276- Burlington Safety Lab. of Ca. Inc.   | Testing and certification of High-Voltage PPE items (gloves, hot sticks, mats, etc)  | 5,000  | 1,500    | 1,500             |
|                             | 01276- Sunshine Windows   | Solar Panel Cleaning   |        | 22,000   | 22,000            |
|                             | 01278- Orange County Conservation Corps   | General Maintenance Activities   |        | 10,000   | 10,000            |
|                             | 01279- Burlington Safety Laboratory   | Inspection and certification of electrical PPE   | 8,800  | 2,000    | 2,000             |
|                             | 01281 - Automated Gates   | Automatic crash gate entry system repair and maintenance for Chlorine Unloading Facility   |        | 40,000   | 40,000            |
|                             | 01281 - Don's Lock & Key  | Lock, key creation, and panic door hardware maintenance for Mills and Chlorine Unloading Facility                                | 2,000  | 2,000    | 2,000             |
|                             | 01281 - H & H Engineering   | Railroad Track Inspection for Chlorine Unloading Facility  | 8,000  | 8,000    | 8,000             |
|                             | 01281 - Left Coast Scales   | Truck Scale Maintenance, Calibration & Repairs for Chlorine Unloading Facility   | 3,000  | 3,000    | 3,000             |
|                             | 01281 - Midland Manufacturing   | Recertification and repair services for midland valves for the Chlorine Unloading Facility                                       | 8,000  | 8,000    | 8,000             |
|                             | 01281 - Simply the Best Plumbing  | Plumbing & drain services for Mills and Chlorine Unloading Facility  | 2,000  | 2,000    | 2,000             |
|                             | 01284/California Air Compressors  | Air compressor maintenance/repair services   | 6,500  |          |                   |
|                             | 01284/Evoqua Water Technologies   | Tank and filter exchanges (Chlorine and Ozone Bldgs.)  | 1,500  | 1,500    | 1,500             |
|                             | 01284/Pro Pacific Bee Removal   | Bee removal services   | 1,000  |          |                   |
|                             | 01284/Safe & Secure Locksmith   | Locksmith services   | 1,000  | 1,000    | 1,000             |
|                             | 01284/TBD   | Air compressor maintenance/repair services   |        | 6,500    | 6,500             |
|                             | 01284/TBD   | Bee removal services   |        | 1,000    | 1,000             |
|                             | 01290/Quality Street Service  | On call street sweeping service, as required   |        | 5,000    | 5,000             |
| 01290/TBD                   | Service contracts, as required (e.g., concrete cutting, site fencing, asphalt placement, site security) | 25,000   | 15,000 | 15,000   |                   |
| 01293/TBD                   | Outside services, as required   | 1,000  | 1,000  | 1,000    |                   |
| 01294/Insight               | Lab analysis of oil samples   | 25,000   | 30,000 | 30,000   |                   |
| 1002/EJ Ward                | Maintenance of fuel equipment which controls fuel disbursements   | 71,700   | 74,520 | 74,520   |                   |



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## Water System Operations

| Template Type               | Org/Vendor/Provider                   | Description   | Budget  | Proposed | Proposed Plus One |
|-----------------------------|---------------------------------------|---|---------|----------|-------------------|
| Outside Services - Non Prof | 1002/P.F. Services                    | "Fuel testing, cleaning and analysis at all MWD facilities."  | 22,730  |          |                   |
|                             | 1002/P.F. Services                    | Fuel testing, cleaning and analysis at all MWD facilities   |         | 25,550   | 25,550            |
|                             | 1002/Sunwest Engineering              | Underground storage tank inspection services  | 72,110  | 74,930   | 74,930            |
|                             | 1003/TBD                              | Chlorine Scrubber Repairs   | 125,000 | 125,000  | 125,000           |
|                             | 1004/Champion Crane                   | Crane operating services  | 24,000  |          |                   |
|                             | 1004/TBD                              | Solar Project annual maintenance  | 40,000  |          |                   |
|                             | 1010/TBD-DiamondValleyLakeArea        | \$105.4K Landscape maintenance; \$399.7K Weed abatement; \$12.9K Rodent control, mosquito abatement & bee removal svcs" | 518,000 |          |                   |
|                             | 1010/TBD-DiamondValleyLakeArea        | \$96.3K Landscape maintenance; \$398K Weed abatement; \$12.9K Rodent control, mosquito abatement & bee removal svcs"    |         | 507,200  | 507,200           |
|                             | 1010/TBD-LakeMathewsArea              | \$30K Landscape maintenance; \$677.3K Weed abatement; \$12.9K Rodent control & bee removal svcs                         | 720,200 |          |                   |
|                             | 1010/TBD-LakeMathewsArea              | \$45.8K Landscape maintenance; \$737.6K Weed abatement; \$17.4K Rodent control & bee removal svcs                       |         | 800,800  | 800,800           |
|                             | 1010/TBD-OrangeCountyArea             | \$386.3K Landscape maintenance; \$67.7K Weed abatement; \$13.7K Rodent control & bee removal svcs                       | 467,700 |          |                   |
|                             | 1010/TBD-OrangeCountyArea             | \$415.3K Landscape maintenance; \$12.8K Weed abatement; \$13.7K Rodent control & bee removal svcs                       |         | 441,800  | 441,800           |
|                             | 1010/TBD-RiversideArea                | \$124K Landscape maintenance; \$102.8K Weed abatement; \$1K Rodent control & bee removal svcs                           | 227,800 |          |                   |
|                             | 1010/TBD-RiversideArea                | \$132.3K Landscape maintenance; \$108.4K Weed abatement; \$1K Rodent control & bee removal svcs                         |         | 241,700  | 241,700           |
|                             | 1010/TBD-SkinnerArea                  | \$115K Landscape maintenance; \$114K Weed abatement; \$25.6K Rodent control & bee removal svcs                          | 254,600 |          |                   |
|                             | 1010/TBD-SkinnerArea                  | \$133.2K Landscape maintenance; 2614K Weed abatement; \$26.9K Rodent control & bee removal svcs                         |         | 286,100  | 286,100           |
|                             | 1011/TBD                              | Non Routine Security Services for Shutdowns and Special Projects  | 15,000  | 10,000   | 10,000            |
|                             | 1013/DesertRegionUnitTeam             | Pest Control, AqueductWeed Abatement, Landscape Maintenance, Vector Control, Fire Suppression                           | 220,000 | 233,600  | 233,600           |
|                             | 1013/Securitas                        | Non-routine security services for CRA shutdown.   |         | 40,000   | 40,000            |
|                             | 1016/Eurofins                         | Laboratory analyses; UCMR and/or cyanobacteria-related and/or CECs and PFAS   |         | 35,000   | 35,000            |
|                             | 1016/Eurosins                         | Laboratory analyses; UCMR and/or cyanobacteria-related and/or CECs  | 20,000  |          |                   |
|                             | 1031/TBD                              | Building coating services, and misc building/office repairs   | 5,000   | 5,000    | 5,000             |
|                             | 1032/TBD                              | Graffiti Removal Contract   | 5,000   |          |                   |
|                             | 1037/EMD Millipore                    | Preventive maintenance contract for reagent water system  | 30,000  |          |                   |
|                             | 1037/EMD Millipore                    | Service and maintenance contract for MilliQ water purification systems  | 25,000  |          |                   |
|                             | 1037/Getinge                          | Preventive maintenance contract for Getinge autoclaves (sterilizers and boilers)  | 29,000  |          |                   |
|                             | 1037/Johnson Controls                 | Fire panel maintenance  |         | 5,000    | 5,000             |
|                             | 1037/Lorbel                           | Service and repair of UPS (uninterruptable power supply) units  |         | 3,000    | 3,000             |
|                             | 1037/Marx Brothers                    | Fire protection services, repairs, and maintenance  | 2,000   | 2,500    | 2,500             |
|                             | 1037/Miele                            | Preventive maintenance contract for glassware washers   | 4,000   |          |                   |
|                             | 1037/Odyssey Power                    | Service and repair of UPS (uninterruptable power supply) units  | 3,000   |          |                   |
|                             | 1037/Prudential                       | Rental and laundering of lab coats and towels   | 5,000   |          |                   |
|                             | 1037/San Gabriel Valley Carpet        | Carpet and chair cleaning service   |         | 7,500    | 7,500             |
|                             | 1184/Accessorie Air Compressor System | Compressor maintenance services   | 1,320   | 1,700    | 1,700             |
|                             | 1184/First Choice Services            | Coffee services   |         | 1,300    | 1,300             |
|                             | 1184/First Choice Services            | Coffee services for auto shops  | 1,235   |          |                   |
|                             | 1184/Marx Bros Fire Extinguishers     | Maintenance on Fire supression systems  | 1,970   | 2,500    | 2,500             |
|                             | 1184/National Auto Club               | Emergency roadside services   |         | 500      | 500               |
|                             | 1184/Prudential Overall Supply        | Coveralls and shop towels   |         | 8,000    | 8,000             |
|                             | 1184/Prudential Overall Supply        | Coveralls and shop towels for auto shops  | 7,475   |          |                   |
|                             | 1186/Bill's Power Sweeping            | Power sweeping/cleaning services  | 2,200   | 2,700    | 2,700             |
|                             | 1186/DS Services of America/Sparklets | Water Services to Garage locations  | 1,100   | 1,700    | 1,700             |
| 1186/EJ Ward Inc            | Maintenance Services                  | 2,115   |         |          |                   |
| 1186/La Verne Car Wash      | Car wash services - La Verne          | 5,260   | 6,300   | 6,300    |                   |
| 1186/National Auto Club     | Emergency Vehicle support services    | 1,125   |         |          |                   |
| 1186/National Auto Club     | Emergency roadside service            |   | 2,250   | 2,250    |                   |

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## Water System Operations

| Template Type               | Org/Vendor/Provider              | Description  | Budget    | Proposed  | Proposed Plus One |
|-----------------------------|----------------------------------|--|-----------|-----------|-------------------|
| Outside Services - Non Prof | 1186/Orkin Pest Control          | Pest control services at L.A. Garage (Sunset)  | 1,330     | 2,000     | 2,000             |
|                             | 1186/Sunset Car Wash             | Car wash services - LA   | 6,950     | 7,200     | 7,200             |
|                             | 1186/U.B.S., Inc.                | Janitorial services for L.A. Garage (Sunset)   | 19,320    | 22,250    | 22,250            |
|                             | 1186/Various vendors             | Other services as required   | 600       | 5,600     | 5,600             |
|                             | 1187/Staff                       | Annual Inspection of Halon System on TCM   |           | 1,600     | 1,600             |
|                             | 1188/Bee Professionals           | Bees, wasps, & yellow jackets removal  | 500       |           |                   |
|                             | 1188/Santa Fe Building Maint.    | Janitorial services  | 65,000    | 75,000    | 75,000            |
|                             | 1188/Superior                    | Facility window cleaning services  | 6,600     | 2,000     | 2,000             |
|                             | 1188/TBD                         | Locking device maintenance services  | 2,000     |           |                   |
|                             | 1188/Western Exterminator        | Pest control services  | 5,500     | 5,000     | 5,000             |
|                             | 1191/Beamex                      | Beamex instrument calibration (annual calibration)   | 1,200     |           |                   |
|                             | 1191/Druck                       | Druck Pressure Calibrators for Plant DP cells (annual calibration)   | 1,000     |           |                   |
|                             | 1191/Puretec                     | Puretec exchange service   | 800       | 1,000     | 1,000             |
|                             | 1191/Shimadzu                    | Annual PM/certification on Shimadzu spectrophotometer  | 3,000     | 4,000     | 4,000             |
|                             | 1208/TBD                         | Janitorial services for DVL facility and Douma House/Old Visitors Center, elevator maintenance for DVL I/O Tower and Wadsworth Pump Plant, and pest control services for LM district residences. | 58,800    | 61,000    | 61,000            |
|                             | 1209/TBD                         | Fence repairs, manhole adjustments, misc. structure/roofing repairs, leak detection services, and hot tap services.  | 41,000    | 41,000    | 41,000            |
|                             | 1211/TBD                         | Fence repairs, misc. structure repairs, and Right-of-Way debris/trash removal services.  | 41,000    | 41,000    | 41,000            |
|                             | 1212/TBD                         | Fence repairs, manhole adjustments, and structure repairs  | 15,000    | 13,400    | 13,400            |
|                             | 1213/TBD                         | Fence repairs, Right-of-Way debris clean-up, Structure repairs, Exterior window cleaning, and UPS preventative maintenance - Wadsworth PP  | 27,000    | 32,000    | 32,000            |
|                             | 1215/Ultimate Cleaning           | Janitorial services for Soto St. facility  | 30,000    | 48,000    | 48,000            |
|                             | 1215/Various                     | "Pest control services for Soto St. facility, Rio Hondo, PV Reservoir, Etiwanda, Live Oak, Sepulveda, Venice"  | 13,000    | 54,000    | 54,000            |
|                             | 1215/Various Landscaping Vendors | "Landscape maintenance, weed abatement, and rodent control services for Western Region Unit facilities and right-of-ways."   | 1,115,800 | 1,098,000 | 1,098,000         |
|                             | 1216/TBD                         | "Fence repairs, manhole adjustments, structure/roof repairs and/or replacements, and debris removal."  | 48,000    | 30,000    | 30,000            |
|                             | 1218/TBD                         | "Fence repairs, manhole adjustments, structure/roof repairs and/or replacements and debris removal."   | 40,000    | 25,000    | 25,000            |
|                             | 1219/TBD                         | "Fence repairs/replacement, manhole adjustments, structure/roof repairs and/or replacements, and debris removal for the Valley Team service areas."  | 40,500    | 30,000    | 30,000            |
|                             | 1231/FacilityServicesTeam        | Linen service to support Inspection trips and training.  | 25,000    | 25,000    | 25,000            |
|                             | 1234/Fritz Instruments           | Microscope calibration service   | 200       |           |                   |
|                             | 1234/Prime Optix                 | 1234/Prime Optix   |           | 600       | 600               |
|                             | 1235/ARS Enterprises             | Maintenance and service contract for ARS and MarketForge autoclaves  |           | 1,000     | 1,000             |
|                             | 1235/Abraxis                     | Service contract for cyanotoxin analysis instrument  |           | 5,000     | 5,000             |
|                             | 1235/Bio-Tek                     | Annual preventive maintenance and inspection for microplate readers  | 4,000     |           |                   |
|                             | 1235/BioRad                      | Service contract for D-code electrophoresis system and CFX-96 real-time PCR instrument   | 5,500     | 6,000     | 6,000             |
|                             | 1235/Fritz Instruments           | Routine service, maintenance, and upgrades of microscopes  | 1,000     |           |                   |
|                             | 1235/Getinge                     | Service contract for autoclave maintenance   | 17,000    | 17,000    | 17,000            |
|                             | 1235/Olympus                     | Service contract for Olympus microscope  | 2,735     | 3,000     | 3,000             |
|                             | 1235/Prime Optix                 | Routine service, maintenance, and upgrades of microscopes  |           | 1,000     | 1,000             |
|                             | 1235/Thermo Fisher               | Service contract for laboratory centrifuges  | 8,000     | 5,000     | 8,000             |
|                             | 1235/Zeiss Microscope            | Routine service of Zeiss fluorescence microscope and image analysis system   | 6,000     |           |                   |
|                             | 1236/Fritz Instruments           | Routine service, maintenance, and upgrades of microscopes  | 900       |           |                   |
|                             | 1236/Prime Optix                 | Routine service, maintenance, and upgrades of microscopes  |           | 900       | 900               |
|                             | 1239/Plant Maintenance           | Maintenance associated with Oxidation Demonstration Plant and La Verne Pilot Plant   | 9,000     | 9,000     | 9,000             |
|                             | 1239/PureTec                     | DI tank exchange   |           | 2,000     | 2,000             |
|                             | 1241/Agilent Technologies        | Annual PM service contract for GC 7890   |           | 4,000     | 4,000             |
|                             | 1241/Agilent Technologies        | Annual PM service contract for ICPMS 7800  |           | 16,500    | 16,500            |
|                             | 1241/Agilent Technologies        | Annual PM service contract for two Agilent GC/MS/MS instruments  |           | 37,000    | 37,000            |
|                             | 1241/Airgas                      | Rental/gases; argon  |           | 15,000    | 15,000            |
|                             | 1241/Analytical Instruments      | Preventive maintenance service contract for ICPMS  |           | 8,000     | 8,000             |

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## Water System Operations

| Template Type                    | Org/Vendor/Provider  | Description   | Budget  | Proposed | Proposed Plus One |
|----------------------------------|--|---|---------|----------|-------------------|
| Outside Services - Non Prof      | 1241/Full Spectrum Analytics   | Annual PM service contract for GC/MS (for VOC analysis)   |         | 10,000   | 10,000            |
|                                  | 1241/Metrohm   | Annual PM for three ion chromatography dual systems   |         | 34,000   | 34,000            |
|                                  | 1241/Peak Analytical   | Nitrogen generator for ICMS instrument  |         | 14,000   | 14,000            |
|                                  | 1241/Thermo Electron   | Annual PM service contract for ICMS instruments   |         | 23,000   | 23,000            |
|                                  | 1242/Agilent Technologies  | (A) Preventive maintenance contract for Agilent 7010 GC/MS instrument                             |         | 18,400   | 18,400            |
|                                  | 1242/Agilent Technologies  | (B) Preventive maintenance contract for Agilent 7010 GC/MS instrument                             |         | 18,400   | 18,400            |
|                                  | 1242/Brenner-Fiedler   | Service for nitrogen generator  |         | 9,000    | 9,000             |
|                                  | 1242/SCIEX   | Preventive maintenance contract for API 4000 LC/MS instrument                                     |         | 42,000   | 42,000            |
|                                  | 1242/SCIEX   | Preventive maintenance contract for API 6500 QTRAP LC/MS instrument                               |         | 48,000   | 48,000            |
|                                  | 1242/Thermo Fisher   | Preventive maintenance contract for OrbiTrap HRMS LC/MS   |         | 50,000   | 50,000            |
|                                  | 1244/Evoqua  | Annual service contract for Skinner plant lab autoclave   |         | 2,500    | 2,500             |
|                                  | 1244/Evoqua  | Annual service for deionized water softener for Skinner plant lab autoclave                       | 2,500   |          |                   |
|                                  | 1244/Getinge USA   | Annual service contract for Skinner plant lab autoclave   | 13,000  |          |                   |
|                                  | 1244/Getinge USA   | Quarterly calibration of distribution system turbidimeters (treatment plants, reservoirs, desert) |         | 16,000   | 16,000            |
|                                  | 1244/Hach  | Annual service for deionized water softener for Skinner plant lab autoclave                       |         | 25,000   | 25,000            |
|                                  | 1244/Hach  | Quarterly calibration of distribution system turbidimeters (treatment plants, reservoirs, desert) | 28,000  |          |                   |
|                                  | 1244/Metrohm   | Annual service for treatment plant lab MilliQ systems   |         | 5,300    | 5,300             |
|                                  | 1244/Metrohm   | Annual service for treatment plant pH modules and sample processors                               | 5,300   |          |                   |
|                                  | 1244/Millipore Sigma   | Annual service for treatment plant lab MilliQ systems   | 23,000  |          |                   |
|                                  | 1244/Millipore Sigma   | Annual service for treatment plant pH modules and sample processors                               |         | 23,000   | 23,000            |
|                                  | 1268/Chlorine Meter  | Includes rental and maintenance of single sensor chlorine meter.                                  | 20,000  | 40,000   | 40,000            |
|                                  | 1268/Industrial Scientific   | Includes rental and maintenance of (4) gas monitors.  | 250,000 | 250,000  | 250,000           |
|                                  | 1268/Life Support Systems  | Rental and service of oxygen inhalators.  | 17,000  | 20,000   | 20,000            |
|                                  | 1268/LifeSafeServices  | Annual servicing of AED (defibrillator) units.  | 15,000  | 30,000   | 30,000            |
|                                  | 1268/Omega Fire Protection   | Service of Fixed Fire Systems for Western Region.   | 62,000  |          |                   |
|                                  | 1268/Radiation Detection Company   | Rentals for Dosimeter Badges  | 1,000   | 1,000    | 1,000             |
|                                  | 1268/TBD   | Service of Fixed Fire Systems.  |         | 100,000  | 100,000           |
|                                  | 1268/Various   | Fire extinguisher servicing.  | 50,000  | 50,000   | 50,000            |
|                                  | 1269/Brickley/PAS  | Lead and asbestos abatements District-wide for projects, as needed.                               |         | 120,000  | 120,000           |
|                                  | 1269/P.F.Services  | Underground storage tank testing, maintenance, and alarm certification.                           | 22,000  |          |                   |
|                                  | 1269/TBD   | Underground/Aboveground storage tank testing, maintenance, repairs, and alarm certification.      |         | 72,000   | 100,000           |
|                                  | 1269/Unlimited Environmental Inc/Environmental Construction Group/American Technologies, Inc | Lead and asbestos abatements District-wide for projects, as needed.                               | 120,000 |          |                   |
|                                  | 1269/Western Pump/Fleming/Sunwest  | Underground storage tank testing, maintenance, and repairs.                                       | 50,000  |          |                   |
|                                  | 1271/Culligan  | Rental & exchange for water softener tanks-WQ testing/sampling                                    | 6,800   | 7,000    | 7,000             |
|                                  | 1271/Evoqua  | Rental & exchange for lab sample testing deionizer tanks  | 2,300   | 3,000    | 3,000             |
|                                  | 1272/Airgas  | LOX preventive maintenance and inspections  |         | 7,200    | 7,200             |
|                                  | 1272/Champion Crane  | Crane operating services  |         | 24,000   | 24,000            |
|                                  | 1272/J.A. Placek Construction  | Monthly railroad inspection services  | 5,100   | 5,700    | 5,700             |
|                                  | 1272/Kone  | Elevator PM monthly inspections (Ozone & Admin Bldg elevators)                                    | 7,100   | 11,000   | 11,000            |
|                                  | 1272/TBD   | Inspection fees for certifying/lifting slings   | 1,500   | 1,500    | 1,500             |
|                                  | 1272/TBD   | LOX preventive maintenance and inspections  | 1,800   |          |                   |
|                                  | 1272/TBD   | Nitrogen preventive maintenance and inspections   | 1,700   | 1,700    | 1,700             |
|                                  | 1272/TBD   | Roof inspection (annual)  | 800     |          |                   |
|                                  | 1272/United  | Sludge removal from basins and reclamation areas  | 18,000  | 8,900    | 8,900             |
|                                  | 1273/Burlington  | Certification for high-voltage PPE items  | 2,000   |          |                   |
| 1273/Lorbel                      | Annual & Bi-Annual PM contracts for UPS maintenance  | 20,700  | 40,000  | 40,000   |                   |
| 1273/Sol Construction            | Annual & Bi-Annual PM contracts for Solar maintenance  |   | 40,000  | 40,000   |                   |
| 1273/TBD                         | Emergency generator upgrades and maintenance   | 5,000   |         |          |                   |
| 1305/Innocal                     | Calibration of Water Quality lab and plant lab thermometers                                  | 1,000   |         |          |                   |
| 1305/Mettler Toledo/Rainin       | Pipet calibration and preventive maintenance   | 1,000   |         |          |                   |
| 1305/Micro Precision Calibration | Balance calibration and preventive maintenance   | 5,000   | 10,000  | 10,000   |                   |
| 1305/TBD                         | Thermometer calibration equipment - post-warranty  |   |         | 10,000   |                   |

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## Water System Operations

| Template Type               | Org/Vendor/Provider   | Description   | Budget  | Proposed         | Proposed Plus One |
|-----------------------------|---|---|---------|------------------|-------------------|
| Outside Services - Non Prof | 1370/EMD Millipore  | Preventive maintenance contract for reagent water system  |         | 25,000           | 25,000            |
|                             | 1370/EMD Millipore  | Service and maintenance contract for MilliQ water purification systems  |         | 25,000           | 25,000            |
|                             | 1370/GE Mobile Water/Suez                                   | DI and activated carbon tank system maintenance (reagent water system)  |         | 5,000            | 5,000             |
|                             | 1370/Getinge  | Preventive maintenance contract for Getinge autoclaves (sterilizers and boilers)  |         | 20,000           | 20,000            |
|                             | 1370/Miele  | Preventive maintenance contract for glassware washers   |         | 4,000            | 4,000             |
|                             | 1370/Prudential   | Rental and laundering of lab coats and towels   |         | 20,000           | 20,000            |
|                             | 1370/TBD (Integra)  | post-warranty service agreement for liquids dispenser   |         | 5,000            | 5,000             |
|                             | AB Sciex  | Preventive maintenance contract for API 4000 LC/MS instrument   | 42,000  |                  |                   |
|                             | ARS Enterprises   | Maintenance and service contract for ARS and MarketForge autoclaves   | 1,000   |                  |                   |
|                             | Abraxis   |   | 5,000   |                  |                   |
|                             | Agilent Technologies  | Annual PM service contract for GC 7890  | 4,000   |                  |                   |
|                             | Agilent Technologies  | Annual PM service contract for ICPMS 7800   | 16,500  |                  |                   |
|                             | Agilent Technologies  | Annual PM service contract for two Agilent GC/MS/MS instruments   | 34,200  |                  |                   |
|                             | Agilent Technologies  | Preventive maintenance contract for Agilent 7010 GC/MS instrument   | 18,000  |                  |                   |
|                             | Analytical Instruments                                      | Preventive maintenance service contract for ICPMS   | 8,000   |                  |                   |
|                             | Brenner-Fielder   | Service for nitrogen generator  | 9,000   |                  |                   |
|                             | Full Spectrum Analytics                                     | Annual PM service contract for GC and GC/MS (for VOC analysis)  | 10,000  |                  |                   |
|                             | Full Spectrum Analytics                                     | Annual PM service contract for IC instruments and Sievers TOC analyzers   | 23,000  |                  |                   |
|                             | Johnson Controls  | Fire panel maintenance  | 2,000   |                  |                   |
|                             | Left Coast Scales   | Truck scale maintenance - Mathews & CUF   | 1,000   |                  |                   |
|                             | Metrohm   | Annual PM for three ion chromatography dual systems   | 34,000  |                  |                   |
|                             | Peak Analytical   | Nitrogen generator for ICMS instrument  | 14,000  |                  |                   |
|                             | San Gabriel Valley Carpet                                   | Carpet and chair cleaning service   | 5,000   |                  |                   |
|                             | TBD   | Service contract for equipment post-warranty  | 55,000  |                  |                   |
|                             | Thermo Electron   | Annual PM service contract for ICMS instruments   | 23,000  |                  |                   |
|                             | <b>Total Outside Services - Non Prof</b>                    |   |         | <b>6,736,525</b> | <b>7,141,513</b>  |
| Professional Services       | "Fynn Resource Consultants, Inc." or correct name Flynn.... | Facility service agreement for SCE circuit breakers & related equipment associated with the CRA electric transmission system. |         | 30,000           | 20,000            |
|                             | "Fynn Resource Consultants, Inc." or correct name Flynn.... | ISO market strategies, wholesale options, transmission arrangements   | 15,000  |                  |                   |
|                             | "Grid Subject Matter Experts, LLC"                          | "NERC Standards, bulk power issues"   | 20,000  |                  |                   |
|                             | "Grid Subject Matter Experts, LLC"                          | Program augmentation service associated with NERC compliance for the CRA electric transmission system.                        |         | 85,000           |                   |
|                             | "Navigant Consulting, Inc."                                 | System impact studies associated with CRA electric transmission interconnections.   |         | 35,000           | 40,000            |
|                             | "Navigant Consulting, Inc."                                 | retail and wholesale power issues   | 15,000  |                  |                   |
|                             | 00948/Cal Poly Pomona                                       | Co-op students to perform functions in support of operations and testing at the RRWAPC demonstration facility                 |         | 57,500           | 57,500            |
|                             | 00948/Consulting Services                                   | As-needed support for technical support for the RRWAPC demonstration plant  |         | 50,000           | 50,000            |
|                             | 00948/Expert Panel  | Independent Advisory Panel through National Water Research Institute  |         | 125,000          | 125,000           |
|                             | 00948/TBD   | Advisory Panel and contract lab costs   | 456,500 |                  |                   |
|                             | 00948/Contract Lab  | All samples for chemical and microbiological analyses for planned testing at the RRWAPC demonstraton facility                 |         | 136,799          | 846,600           |
|                             | 01012-AMR Technical Support and Training                    | AMR Maintenance Contract for software support - Glenmount Solutions.  | 15,000  | 15,000           | 15,000            |
|                             | 01012/MCV Global Systems                                    | to update and enhance WebEOC application for Emergency Mgmt Program   | 15,000  |                  |                   |
|                             | 01024/MCV Global Systems                                    | Update and enhance WebEOC application for Emergency Management Program  |         | 18,000           | 18,000            |
|                             | 01141/Chamieh Consulting or Other                           | Shop drawing detailing & drafting services  | 20,000  |                  |                   |
|                             | 01141/Consultant  | Shop drawing detailing & drafting services  |         | 10,000           | 10,000            |
|                             | 01141/R&S Production Services or Other                      | Machinery shop drawing & drafting services  | 5,000   |                  |                   |
|                             | 01141/TBD - Inspection Shop                                 | Inspection services for MSU machined parts  | 10,000  | 3,500            | 3,500             |
|                             | 01176/AECCOM or MM Diving                                   | Supplemental diving services, as required   | 25,000  |                  |                   |
|                             | 01176/TBD   | Supplemental diving services, as required   |         | 10,000           | 10,000            |
|                             | 01294/ARMS Reliability Engineers                            | Assist in implementing structured Condition Based Maintenance program   | 50,000  |                  |                   |
|                             | 01368/TBD   | Asset Management Consulting   |         | 120,000          | 120,000           |
|                             | 1014/Various  | Services as required for the Quagga Mussel Control Program  | 6,000   |                  |                   |

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| Template Type         | Org/Vendor/Provider   | Description   | Budget | Proposed | Proposed Plus One |
|-----------------------|---|---|--------|----------|-------------------|
| Professional Services | 1014/Various  | Services as required for the Quagga Mussel Control Program or other microbiology related topic  |        | 6,000    | 6,000             |
|                       | 1016/FPA Training   | FPA refresher training  |        |          | 5,000             |
|                       | 1234/CH Diagnostics or equivalent   | Pathogen screening for emergency situations and for confirmation of select routine samples  |        | 5,000    | 5,000             |
|                       | 1234/CHS Diagnostics  | Pathogen screening for emergency situations and for confirmation of select routine samples  | 5,000  |          |                   |
|                       | 1234/Cal Poly Pomona Foundation   | Cal Poly Co-Op student to assist in media preparation and sample analysis for routine bacteriological monitoring  | 22,880 | 22,880   | 22,880            |
|                       | 1234/Environmental Laboratory   | Identification of bacteria found in distribution system biofilm as a result of new treatment application  | 4,750  | 2,000    | 2,000             |
|                       | 1235/GE Life Sciences (SeqWright)   | DNA sequencing service for identification of bacteria and quagga mussels  | 1,500  | 1,500    | 1,500             |
|                       | 1235/Greenwater Laboratories  | Cyanotoxin analytical service   | 1,000  | 1,000    | 1,000             |
|                       | 1235/Microbial Insights   | Phospholipid fatty acid analytical services for microbial identification and classification   | 1,000  | 1,000    | 1,000             |
|                       | 1236/Cal Poly Pomona Foundation   | Cal Poly Co-Op student  | 13,520 | 13,520   | 13,520            |
|                       | 1236/Environmental Analysis   | Lake Skinner sediment analysis  |        | 10,000   |                   |
|                       | 1239/Cal Poly Pomona Foundation   | Co-op students to support Engineering Compliance functions  | 48,000 | 48,000   | 48,000            |
|                       | 1239/GeoPentech   | Provide hydrogeological services  | 25,000 | 12,000   | 12,000            |
|                       | 1241/Cal Poly Pomona Foundation   | Co-op students perform functions in support of 100% compliance activities for Water Quality Laboratory  | 60,000 | 50,000   | 50,000            |
|                       | 1241/Weck Laboratories  | Outside laboratory providing environmental (organic, inorganic, and radiological) analytical services   | 70,000 | 70,000   | 70,000            |
|                       | 1242/Cal Poly Pomona Foundation   | Co-op students perform routine analyses for applied research  | 32,000 | 32,000   | 32,000            |
|                       | 1262/CPS HR Services  | Recruitment testing for Apprenticeship Program  | 8,000  | 8,000    | 8,000             |
|                       | 1268/3E Corp.   | MSDS Management.  | 60,000 |          |                   |
|                       | 1268/3E Corp.   | SDS Management and Chemical Inventory   |        | 40,000   | 40,000            |
|                       | 1268/EMS Laboratories   | Provides laboratory analysis of all IH survey monitoring samples collected.   | 30,000 | 25,000   | 25,000            |
|                       | 1268/Industrial Hygiene Management (IHM)                                    | "Asbestos and lead facility surveys for sites that will be disturbed (e.g. construction, remodel)."   | 20,000 | 45,000   | 45,000            |
|                       | 1268/Occupational Services Inc.   | Provides radiation safety consultation and refresher training. Conducts servicing and certification of specialized equipment (e.g. biosafety cabinets for Water Quality). | 10,000 | 20,000   | 20,000            |
|                       | 1268/TBD  | Conduct specialized ergonomic evaluation (including repetitive motion) for workers compensation cases.  |        | 5,000    | 5,000             |
|                       | 1268/TBD  | Evaluation of Grad D Breathing Air and Industrial Ventilation Systems   | 75,000 | 40,000   | 40,000            |
|                       | 1268/TBD  | General IH Services and Abatement Oversight   | 45,000 | 30,000   | 30,000            |
|                       | 1268/Woodward, Alpert, & Associates   | Conduct specialized ergonomic evaluation (including repetitive motion) for workers compensation cases.  | 5,000  |          |                   |
|                       | 1269/California Watershed/Geosyntec/Michael Baker International/Blankinship | Wastewater permit determinations. Assist with development of wastewater and storm water plans; aquatic weed/invasive species.   |        | 20,000   | 20,000            |
|                       | 1269/California Watershed/Geosyntec/RBF Consultants                         | Wastewater permit determinations. Assist with development of wastewater and storm water plans.  | 25,000 |          |                   |
|                       | 1269/Cardno Inc/Ramboll/Geosyntec   | Site assessment and remediation, sampling and report preparation  | 70,000 | 40,000   | 40,000            |
|                       | 1269/ESCI/Network Environmental Services/Yorke                              | Hazardous Materials and Waste: Development of plans, reports, training and inspections.   | 25,000 |          |                   |
|                       | 1269/ESCI/Network Environmental Services/Yorke                              | Hazardous Materials and Waste: On-call environmental services; development of plans, reports, training and inspections.   |        | 30,000   | 30,000            |
|                       | 1269/Enthalpy Analytical  | To provide environmental testing services for chemical and microbiological analysis   |        | 30,000   | 30,000            |
|                       | 1269/Kazarians & Associates, Inc.   | Provide process hazard analysis (PHA) and avvalidation reviews of Risk Management Program for chlorine.   | 40,000 |          |                   |
|                       | 1269/Kazarians & Associates, Inc./Risk Management Professionals             | Provide process hazard analysis (PHA) and validation reviews of Risk Management Program for chlorine.   |        | 40,000   | 40,000            |
|                       | 1269/Ultra Systems Environmental/Yorke Engineering                          | Provide air quality permit determinations and calculate air emissions.  | 20,000 | 15,000   | 15,000            |
|                       | 1269/Weck Laboratories  | To provide environmental testing services for chemical and microbiological analysis   | 45,000 |          |                   |
|                       | 1305/Cal Poly Pomona  | Co-op students to perform functions in support of 100% compliance activities for Water Quality Laboratory   | 53,000 | 53,000   | 53,000            |
|                       | 1305/TBD  | Professional services for TNI/ELAP implementation and Quality Assurance related training  | 10,000 |          |                   |

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## Water System Operations

| Template Type                                     | Org/Vendor/Provider   | Description   | Budget           | Proposed         | Proposed Plus One |
|---|---|---|------------------|------------------|-------------------|
| Professional Services                             | 1369/Ethics Training  | Accreditation required third-party ethics training  |                  |                  | 10,000            |
|   | Mike Bell Consulting  | "Provide advice on energy issues for MWD, DWR, SWP activities, CRA operations and small-hydro power plants."  | 5,000            |                  |                   |
|   | Utility Systems Efficiencies  | "SCE operations with Hoover, NERC Standards"  | 10,000           |                  |                   |
|   | Utility Systems Efficiencies  | Provide wholesale power planning services in national electric reliability standards development & compliance |                  | 20,000           | 20,000            |
| <b>Total Professional Services</b>                |   |   | <b>1,493,150</b> | <b>1,431,699</b> | <b>2,056,500</b>  |
| Repairs & Maintenance - Outside Services          | 00997/TBD   | Facility & equipment repairs, as required   | 3,000            | 3,000            | 3,000             |
|   | 01005- Airgas   | LOX tank repairs  | 6,000            | 6,000            | 6,000             |
|   | 01005- Comlock  | Locksmith repairs   |                  | 500              | 500               |
|   | 01005- Fire Pro   | Fire suppression repairs  | 5,000            | 8,000            | 8,000             |
|   | 01005- Kone   | Elevator repairs  | 1,000            | 2,000            | 2,000             |
|   | 01008- Airgas   | LOX Repairs   | 5,000            | 5,000            | 5,000             |
|   | 01008- J.A. Plack Construction  | Railroad track repairs  | 10,000           | 10,000           | 10,000            |
|   | 01008- Kana Engineering   | Solar panel maintenance (per solar CIP contract)  | 55,000           |                  |                   |
|   | 01008- Marx Brothers  | Fire Suppression Repairs  | 3,000            | 3,000            | 3,000             |
|   | 01012-Luis Casa Tree Services   | Tree removal services   | 5,000            | 5,000            | 5,000             |
|   | 01012-Simply the Best Plumbing  | Plumbing service for the Eagle Rock Facility  | 3,500            | 3,500            | 3,500             |
|   | 01012-TBD   | Fire alarm maintenance  | 1,000            | 1,000            | 1,000             |
|   | 01012-TBD   | Floor repair and maintenance  | 1,500            | 1,500            | 1,500             |
|   | 01012-TBD   | Interior and Exterior Building Painting   | 8,500            | 8,500            | 8,500             |
|   | 01012-TBD   | Landscaping required maintenance and sprinkler repairs  | 1,000            | 1,000            | 1,000             |
|   | 01012-TBD   | Lighting repairs  | 2,500            | 2,500            | 2,500             |
|   | 01012-TBD   | Road repairs  | 12,500           |                  |                   |
|   | 01012-TBD   | Roof repairs  | 1,500            | 1,500            | 1,500             |
|   | 01035/  | Misc repairs, as required   | 1,000            |                  |                   |
|   | 01041/Automated Gate Services   | Repair of Weymouth automated gates, as needed   | 3,000            | 4,000            | 4,000             |
|   | 01041/Capitol Door Service  | Overhead door repairs, as needed  |                  | 7,000            | 7,000             |
|   | 01041/Sanders Lock & Key  | Lock repairs, as needed   | 5,000            | 7,000            | 7,000             |
|   | 01041/Simply the Best Plumbing  | Plumbing repairs, as needed   | 14,000           | 8,000            | 8,000             |
|   | 01041/TBD   | Boiler/Chiller repairs at various facilities, as needed   |                  | 14,500           | 14,500            |
|   | 01041/TBD   | Glass repairs, as required  | 1,000            |                  |                   |
|   | 01041/TBD   | Handyman services, as needed  | 5,000            |                  |                   |
|   | 01041/TBD   | Other Weymouth facility repairs, as needed  | 15,500           | 14,500           | 14,500            |
|   | 01041/TBD   | Overhead door repairs, as needed  | 4,000            |                  |                   |
|   | 01042/Desert Coatings Team  | Flooring, refurbishments for Desert structures, and septic tank services.                                     |                  | 57,000           | 57,000            |
|   | 01141/TBD - Repair Shop   | Specialty repair services for equipment & systems, as required  | 10,000           | 4,000            | 4,000             |
|   | 01171/TBD   | Repair & maintenance of equipment and sites, as required  | 8,000            | 8,000            | 8,000             |
|   | 01175/TBD   | Machine shop equipment repairs, as required   |                  | 40,000           | 40,000            |
|   | 01175/TBD- Repair Shop  | Repair of machine shop equipment, as required   | 20,000           |                  |                   |
|   | 01176/TBD   | Jib crane and diving equipment repairs, as needed   |                  | 10,000           | 10,000            |
|   | 01176/TBD - Diving Equipment Repair   | Diving equipment repairs, as needed   | 8,000            |                  |                   |
|   | 01178/Baghouse  | Compliance inspections and as needed repairs on (paint booth) dust collectors                                 | 5,000            | 6,500            | 6,500             |
|   | 01178/TBD   | Equipment calibration services  |                  | 1,500            | 1,500             |
|   | 01180/TBD   | Annual inspection of personal protective equipment (PPE) such as insulating gloves and hotsticks              | 10,000           | 10,000           | 10,000            |
|   | 01180/TBD   | Equipment repairs, as required  | 15,000           | 15,000           | 15,000            |
|   | 01195- Gai-Tronics Corp.  | PA repairs  | 3,000            | 1,000            | 1,000             |
|   | 01195- Mettler-Toledo   | Repair and recertify Solid Handling Facility hoppers and scale  | 3,000            | 3,000            | 3,000             |
| 01195- Mine Safety Appliance Co.                  | Portable and fixed gas leak detection/safety equipment repairs                          | 1,000   | 500              | 500              |                   |
| 01195- Teledyne Advance Pollution Instrumentation | Ozone concentration analyzer repairs  | 5,000   | 500              | 500              |                   |
| 01195- Various vendors                            | Repair Ozone analyzers, clibration, repairs to process monitoring instrumentation, etc. | 10,000  | 3,000            | 3,000            |                   |
| 01199 - TBD                                       | Analyzer repairs  | 2,500   | 2,500            | 2,500            |                   |
| 01199 - TBD                                       | CL2/NH3 gas generators recalibration  | 4,350   | 4,350            | 4,350            |                   |
| 01199 - TBD                                       | Calibration for Mills FCI mass flow meters  | 4,000   | 4,000            | 4,000            |                   |

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## Water System Operations

| Template Type                            | Org/Vendor/Provider   | Description   | Budget | Proposed | Proposed Plus One |
|--|---|---|--------|----------|-------------------|
| Repairs & Maintenance - Outside Services | 01199 - TBD   | Calibration for Plant and CUF dew point   | 4,100  | 4,100    | 4,100             |
|  | 01199 - TBD   | Calibration for beamex  | 2,500  | 2,500    | 2,500             |
|  | 01199 - TBD   | Calibration of Fluke DVM's  | 1,500  | 1,500    | 1,500             |
|  | 01199 - TBD   | Indigo spectrometer yearly calibration  | 500    | 500      | 500               |
|  | 01199 - TBD   | O3 generator yearly calibration   | 1,250  | 1,250    | 1,250             |
|  | 01199 - TBD   | Particle counter yearly calibration   | 500    | 500      | 500               |
|  | 01203/TBD   | "Instrumentation, radio and tool repairs/calibrations"  | 1,900  |          |                   |
|  | 01203/TBD   | ACD CAL2000 Chlorine Generator Calibrations (2) Units   | 1,200  | 1,200    | 1,200             |
|  | 01203/TBD   | ATI A23-14 Ozone Generator Calibrations (2) Units   | 440    | 440      | 440               |
|  | 01203/TBD   | Beamex Calibrator Calibrations (3) Units  | 3,300  | 3,300    | 3,300             |
|  | 01203/TBD   | Fire suppression repair services  | 3,500  | 3,500    | 3,500             |
|  | 01203/TBD   | Instrumentation, radio and tool repairs/calibrations  |        | 1,900    | 1,900             |
|  | 01203/TBD   | ParoScientific Precision Pressure Transmitter Calibration   | 2,700  | 2,700    | 2,700             |
|  | 01203/TBD   | Public Adress system repairs  | 2,000  | 2,000    | 2,000             |
|  | 01207- Gai-Tronics Corp.  | PA Repairs  | 2,000  | 100      | 100               |
|  | 01207- Mettler-Toledo   | Solid Handling Facility hoppers and scale repairs and recertification   | 3,000  | 5,700    | 5,700             |
|  | 01207- Mine Safety Appliance Co.                                | Portable and fixed gas leak detection\Safety equipment repairs  | 1,000  | 1,000    | 1,000             |
|  | 01207- TBD  | Repair Isolated Pressure devices in Ozone, chemical tank farms and chlorine system.   | 5,000  | 1,000    | 1,000             |
|  | 01207- TBD  | Repair of Ozone analyzer, Calibration equipment certification annual of AMR, Chlorine Leak sensors, Ozone leak sensors, and incidental repairs on process monitoring instrumentation. | 8,300  | 1,000    | 1,000             |
|  | 01207- Teledyne Advance Pollution Instrumentation               | Ozone concentration analyzer repairs  | 3,000  | 1,000    | 1,000             |
|  | 01223/Various   | Heavy equipment repairs.  |        | 33,000   | 33,000            |
|  | 01275- Accurate Air Engineering                                 | Air compressor inspections and repairs  | 7,000  | 9,700    | 9,700             |
|  | 01275- Sanders Lock and Key                                     | Locksmith service   | 300    | 300      | 300               |
|  | 01275- Simply the Best Plumbing and Drain Cleaning              | Drain cleaning service for process related issues   | 4,000  | 4,000    | 4,000             |
|  | 01276- Brithinee Electric                                       | Electric motor repairs  | 2,000  | 2,000    | 2,000             |
|  | 01276- Odyssey Power Corp.                                      | UPS Maintenance and repairs   | 15,000 | 10,000   | 10,000            |
|  | 01278- American Integrated Services                             | Sewer clean-out service   | 30,000 |          |                   |
|  | 01278- California Health & Safety                               | Scott Pack Flow Test  |        |          | 1,200             |
|  | 01278- Comlock Security Group                                   | Locksmith repairs   | 1,400  |          |                   |
|  | 01278- G.G. Garcia Plumbing                                     | Plumbing repairs to facility  | 13,000 | 13,000   | 13,000            |
|  | 01278- Hedrick Fire   | SCBA Hydro Test   |        | 200      | 200               |
|  | 01279- G P Electric   | Motor repairs and rewinding   | 3,000  | 6,000    | 6,000             |
|  | 01279- Odyssey Power  | Repairs to UPS  | 12,000 |          |                   |
|  | 01279- TBD  | PLC & VFD Repairs   | 1,000  | 1,000    | 1,000             |
|  | 01281 - Airgas  | LOX System Inspection & Repairs at Mills  | 20,250 | 20,250   | 20,250            |
|  | 01281 - TBD   | Machine, balance and rebuild pumps  | 4,000  | 4,000    | 4,000             |
|  | 01281 - TBD   | Open loop cooling pumps, surface wash pumps and flash mix   | 18,000 | 18,000   | 18,000            |
|  | 01282 - Automated Gate  | Automatic gate entry system repair and maintenance  | 3,000  |          |                   |
|  | 01282 - Automated Gate  | Automatic gate entry system repair and maintenance - Mills Plant  |        | 3,000    | 3,000             |
|  | 01282 - Burlington Safety Lab                                   | PPE Testing (high voltage) for gloves and hot sticks  | 1,000  | 1,000    | 1,000             |
|  | 01282 - Emergency Power Controls                                | Annual transfer switch testing and certification for 7 locations  | 7,000  | 7,000    | 7,000             |
|  | 01282 - TBD   | Circuit breaker repairs   | 2,000  | 2,000    | 2,000             |
|  | 01282 - TBD   | Motor rewinding for irrigations, fire pump and deep well motors   | 11,000 | 11,000   | 11,000            |
|  | 01282 - TBD   | UPS Repairs   | 5,000  | 5,000    | 5,000             |
|  | 01284/Johnson Machinery   | Small equipment rentals   | 1,000  |          |                   |
| 01284/Mitsubishi Electric                | Elevator monthly service and maintenance                        | 3,700   | 3,700  | 3,700    |                   |
| 01284/Safe & Secure Locksmith            | Lock and door repairs   | 1,000   | 1,000  | 1,000    |                   |
| 01284/TBD                                | "Industrial pump reparis, outside machine work"                 | 6,000   |        |          |                   |
| 01284/TBD                                | Air compressor repairs  | 3,400   | 3,400  | 3,400    |                   |
| 01284/TBD                                | Draining and plumbing service                                   |   | 1,500  | 1,500    |                   |
| 01284/TBD                                | Industrial pump reparis, outside machine work                   |   | 6,000  | 6,000    |                   |
| 01284/TBD                                | Pressure regulating calibrations and inspections for all SCBA's | 3,400   | 3,400  | 3,400    |                   |

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## Water System Operations

| Template Type                            | Org/Vendor/Provider                              | Description   | Budget | Proposed | Proposed Plus One |
|--|--|---|--------|----------|-------------------|
| Repairs & Maintenance - Outside Services | 01284/TBD  | Small equipment rentals   |        | 1,000    | 1,000             |
|  | 01284/Temecula Drain Service                     | Draining and plumbing service   | 1,500  |          |                   |
|  | 01285/TBD  | "Repair (2) large motors; \$2,240 each"   | 4,480  | 4,480    | 4,480             |
|  | 01285/TBD  | "Rewind (2) large motors; \$4,000 each"   | 8,000  | 8,000    | 8,000             |
|  | 01285/TBD  | Calibration of Test Equipment   | 1,000  | 1,000    | 1,000             |
|  | 01285/TBD  | Repair (3) MOV actuators; \$800 each  | 2,400  | 2,400    | 2,400             |
|  | 01285/TBD  | Repair Ozone HVAC   | 5,000  | 5,000    | 5,000             |
|  | 01285/TBD  | Repair UPS units  | 3,400  | 3,400    | 3,400             |
|  | 01287/Hinds Team                                 | Services for exciter units.   |        | 22,000   | 22,000            |
|  | 01287/HindsTeam                                  | Elevator maintenance  | 3,000  | 3,000    | 3,000             |
|  | 01290/TBD  | Equipment and facility repairs, as required   |        | 12,000   | 12,000            |
|  | 01290/TBD  | Equipment, system, facility repairs, as required  | 12,000 |          |                   |
|  | 01293/TBD  | Repair services, as required  | 2,000  | 350      | 350               |
|  | 01294/TBD  | Maint/repair of vibration equipment / gauges  | 1,000  | 1,000    | 1,000             |
|  | 1002/Various                                     | "Vehicle/equipment repairs, as required"  | 30,000 |          |                   |
|  | 1002/Various                                     | Vehicle/equipment repairs, as required  |        | 30,000   | 30,000            |
|  | 1003/TBD   | Repair CMIS Stations  | 25,000 | 50,000   | 50,000            |
|  | 1004/Varies                                      | Repairs and maintenance for various Jensen Plant areas, including the Admin Building, Jensen ICP, security buildings, etc.                    |        | 5,000    | 5,000             |
|  | 1010/TBD   | Road maintenance and mobile radio repairs   | 25,500 | 10,000   | 10,000            |
|  | 1013 /Desert Region Unit Team                    | Asphalt maintenance, fog sealing, chip sealing, and paint stripping   | 78,600 |          |                   |
|  | 1013 /Desert Region Unit Team                    | Fire suppression, filtration units repairs.   |        | 25,000   | 25,000            |
|  | 1031/TBD   | Locksmith and plumbing services, and repairs to cranes, equipment and tools.  | 1,100  | 1,100    | 1,100             |
|  | 1032/TBD   | "Coatings equipment repairs (blast pots, negative air machines, etc.)"  | 6,000  | 2,000    | 2,000             |
|  | 1037/San Gabriel Valley Carpet                   | Laboratory carpet cleaning not covered by Facility Maintenance  | 5,000  |          |                   |
|  | 1037/Simplex Grinnell                            | Repairs and maintenance of laboratory fire panel  | 5,000  |          |                   |
|  | 1037/Varies                                      | Repairs, construction, and fabrication for lab workbenches, equipment, floors, etc not covered by Facilities Maintenance                      | 5,000  |          |                   |
|  | 1037/Varies                                      | Repairs, construction, and fabrication for lab workbenches, equipment, floors, etc not covered by Facilities Maintenance or service agreement |        | 5,000    | 5,000             |
|  | 1042/Desert Coatings Team                        | Roof replacement, housing refurbishment, and flooring repairs   | 57,000 |          |                   |
|  | 1184/Parkhouse Tire                              | Tire repair/services  | 5,000  | 3,000    | 3,000             |
|  | 1184/Various                                     | Alignment services  | 5,000  | 2,500    | 2,500             |
|  | 1184/Various                                     | Auto body repair and paint services   | 20,000 | 15,000   | 15,000            |
|  | 1184/Various                                     | Auto glass installation and repair  | 4,000  | 2,500    | 2,500             |
|  | 1184/Various                                     | Misc inspection and repairs of heavy equipment  | 8,000  | 6,000    | 6,000             |
|  | 1184/Various                                     | Misc repairs of vehicles  | 8,000  | 6,500    | 6,500             |
|  | 1184/Various                                     | Other fleet equipment repairs   | 47,000 | 35,500   | 35,500            |
|  | 1184/Various                                     | Reupholstery services   | 3,000  | 1,500    | 1,500             |
|  | 1184/Various                                     | Transmission repair and services  | 5,000  | 3,500    | 3,500             |
|  | 1186/Various                                     | Alignment services  | 1,475  | 1,475    | 1,475             |
|  | 1186/Various                                     | Auto body repair and paint Services   | 22,060 | 20,560   | 20,560            |
|  | 1186/Various                                     | Auto glass installation and repair  | 4,400  | 4,200    | 4,200             |
|  | 1186/Various                                     | Misc inspection and repairs of heavy equipment  | 11,765 | 11,000   | 11,000            |
|  | 1186/Various                                     | Misc repairs of vehicles  | 29,410 | 27,500   | 27,500            |
|  | 1186/Various                                     | Reupholstery services   | 1,470  | 1,300    | 1,300             |
|  | 1186/Various                                     | Tire repair and services  | 1,470  | 1,300    | 1,300             |
|  | 1186/Various                                     | Transmission repair and services  | 2,950  | 2,665    | 2,665             |
|  | 1187/Various                                     | Aircraft maintenance  | 80,000 |          |                   |
|  | 1187/Various                                     | Aircraft maintenance & repairs  |        | 78,500   | 78,500            |
| 1187/Various                             | Auto body repair & paint services                | 3,000   | 2,375  | 2,375    |                   |
| 1187/Various                             | Misc vehicle repairs, as required                | 9,000   | 7,500  | 7,500    |                   |
| 1187/Various                             | Tire repair services                             |   | 9,250  | 9,250    |                   |
| 1187/Various                             | Tire services                                    | 10,000  |        |          |                   |
| 1187/Various                             | Windshield repairs                               | 3,000   | 2,375  | 2,375    |                   |
| 1188/Fence                               | Perimeter fence and gate maintenance and repairs | 6,000   | 4,000  | 4,000    |                   |



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| Template Type                            | Org/Vendor/Provider                                 | Description   | Budget | Proposed | Proposed Plus One |
|--|---|---|--------|----------|-------------------|
| Repairs & Maintenance - Outside Services | 1188/Locksmith                                      | Locksmith services and repairs  | 5,000  | 6,000    | 6,000             |
|  | 1188/Repair   | Roof repairs, painting services, window repairs, etc.   | 4,000  | 5,000    | 5,000             |
|  | 1191/Accusonic                                      | Accusonic unit repairs (CM for SCADA)   | 2,700  | 2,000    | 2,000             |
|  | 1191/Dew Point                                      | Dew Point monitor repairs & O3 ambient/concentration analyzers  | 2,500  | 2,000    | 2,000             |
|  | 1191/Sierra   | Mass flow meter repairs   | 900    | 800      | 800               |
|  | 1191/Sierra   | Sierra Thermal Mass Flow Meters Repairs   | 900    |          |                   |
|  | 1191/TBD  | Beamex instrument calibration (annual calibration)  |        | 3,700    | 3,700             |
|  | 1191/TBD  | Druck Pressure Calibrators for Plant DP Cells (Annual Calibration)  |        | 500      | 500               |
|  | 1191/TBD  | Repair/calibration of ABB flowmeters  | 1,000  |          |                   |
|  | 1191/TBD  | Repair/calibration of ABB flowmeters  |        | 1,000    | 1,000             |
|  | 1191/TBD  | Repair/calibration of mechanical equipment for control systems  | 700    | 2,000    | 2,000             |
|  | 1191/TBD  | Sparling & Tigermag Flowmeter Transducer Repairs and Calibration  |        | 1,000    | 1,000             |
|  | 1191/TBD  | Sparling & Tigermag flowmeter Flowmeter Transducer Repairs and Calibration  | 1,300  |          |                   |
|  | 1208/TBD  | Plumbing, locksmith, and mobile radio repair services   | 200    | 200      | 200               |
|  | 1209/TBD  | Plumbing & locksmith services, and repairs to equipment, shop tools, cranes, and mobile radios.   | 4,500  | 9,000    | 9,000             |
|  | 1211/TBD  | Fence repairs, misc. structure repairs, and Right-of-Way debris/trash removal services.   | 12,000 | 12,000   | 12,000            |
|  | 1212/TBD  | Plumbing & locksmith services, and repairs to mobile radios, pumps, tools/shop equipment, and cranes.                                   | 11,300 | 21,300   | 21,300            |
|  | 1213/TBD  | Plumbing services, and repairs to: elevators, fire alarm system, valve & motors, shop equipment, instrumentation, and circuit boards.   | 32,800 | 32,800   | 32,800            |
|  | 1215/TBD  | Plumbing, locksmith, & office equipment repairs at Soto St. facility"   | 34,000 |          |                   |
|  | 1215/TBD  | Plumbing, locksmith, doors, & office equipment repairs at Soto St. facility"  |        | 34,000   | 34,000            |
|  | 1216/TBD  | Anticipated repairs for pumps, cranes, motor repairs/installations and equipment for the Los Angeles Team."                             | 80,000 | 95,000   | 95,000            |
|  | 1218/TBD  | "Gate Maintenance/repairs, and equipment repairs for LOR, Etiwanda and San Dimas PCS; also include mobile radio repairs/installations." | 45,000 | 50,000   | 50,000            |
|  | 1219/TBD  | Pump, crane and maintenance equipment repairs for the Valley Team.  | 85,000 | 55,000   | 55,000            |
|  | 1222/Inland Hobbs                                   | Forklift repairs  | 2,500  |          |                   |
|  | 1222/TBD  | Forklift repairs  |        | 2,500    | 2,500             |
|  | 1223/Various  | Heavy equipment repairs   | 33,000 |          |                   |
|  | 1225/Pump Maintenance Team                          | Recondition of babbitt bearings, blasting of various pump parts, electric motor rebuilds, and servicing of machines.                    | 50,000 | 50,000   | 50,000            |
|  | 1227/ Control Systems Team                          | Test equipment calibration.   | 2,000  | 20,000   | 20,000            |
|  | 1228/Gene&IntakeTeam                                | Outside sewer and equipment repairs   | 3,000  | 2,000    | 2,000             |
|  | 1229/Iron Team                                      | Equipment repairs, foam insulation for three buildings.   | 10,000 |          |                   |
|  | 1229/Iron Team                                      | Equipment repairs.  |        | 10,000   | 10,000            |
|  | 1231/FacilityServicesTeam                           | Flooring repairs for Guest Lodge, Dorms, and Dining facilities.   | 1,000  |          |                   |
|  | 1231/FacilityServicesTeam                           | Vacuum repairs  |        | 1,000    | 1,000             |
|  | 1234/Varies   | Repairs, maintenance, and calibration of laboratory equipment   |        | 5,000    | 5,000             |
|  | 1235/Varies   | Repairs on lab equipment  | 2,500  | 1,500    | 1,500             |
|  | 1236/Various  | Maintain boat engines, instruments, and SCUBA gear  | 4,400  | 4,400    | 4,400             |
|  | 1239/Varies   | Repairs on equipment for reserch platforms  | 10,000 | 10,000   | 10,000            |
|  | 1242/Varies   | Repairs, maintenance, and calibration of lab instruments  | 2,000  | 2,000    | 2,000             |
|  | 1244/Varies   | Miscellaneous repairs on treatment plant lab instruments  | 1,000  | 1,000    | 1,000             |
|  | 1262/TBD  | Roof Repair   | 2,500  |          |                   |
|  | 1268/Various  | Calibration of Safety Equipment   | 12,500 | 18,000   | 18,000            |
|  | 1272/Air Liquide                                    | LOX system relief valve and stainless steel piping repairs  | 10,000 | 9,000    | 9,000             |
|  | 1272/J.A. Placek                                    | Railroad track repairs  | 25,000 | 23,000   | 23,000            |
|  | 1272/Pamco  | Lift pump repairs / rebuilding  | 10,000 | 9,000    | 9,000             |
|  | 1272/TBD  | Miscellaneous repairs   | 5,000  |          |                   |
|  | 1272/TBD  | Nitrogen system repairs   | 5,000  | 5,000    | 5,000             |
|  | 1272/TBD  | Plumbing repairs  | 10,000 | 8,000    | 8,000             |
| 1272/TBD                                 | Roof, door, and window leak repairs                 | 16,000  | 14,000 | 14,000   |                   |
| 1272/TBD                                 | Tank pump repairs                                   | 15,000  | 12,000 | 12,000   |                   |
| 1273/Burlington                          | Certification for high-voltage PPE items            |   | 10,000 | 10,000   |                   |
| 1273/Johnson Controls                    | Johnson Controls York System cooling supply repairs | 5,000   | 6,000  | 6,000    |                   |

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## Water System Operations

| Template Type   | Org/Vendor/Provider                                 | Description   | Budget           | Proposed         | Proposed Plus One |
|---|---|---|------------------|------------------|-------------------|
| Repairs & Maintenance - Outside Services                  | 1273/TBD  | Flocculator motors / inlet gate motor equipment repairs   | 1,300            | 2,000            | 2,000             |
|   | 1273/TBD  | Foothill PCS, Sepulveda Cyn and Venice PCS valve motor repairs  | 6,000            | 7,000            | 7,000             |
|   | 1273/TBD  | Hazardous location motors, Magazine Canyon, LA-35 butterfly & sludge gate repairs                           | 1,000            | 3,000            | 3,000             |
|   | 1273/TBD  | Ingersoll-Rand facility air compressor service repairs  | 7,500            | 8,000            | 8,000             |
|   | 1273/TBD  | Motor repairs / rewindings  | 6,000            |                  |                   |
|   | 1273/TBD  | Pumpback station, WWRP 1 & 2 lift pump motors, isolation valve motors equipment repairs                     | 7,000            |                  |                   |
|   | 1273/TBD  | Washwater supply tank pump motors equipment repairs   | 7,000            |                  |                   |
|   | 1286/EagleTeam                                      | Services to recondition and/or refurbish exciter units  |                  | 21,900           | 21,900            |
|   | 1286/EagleTeam                                      | To repair concrete at Eagle Pump Plant.   | 5,000            |                  |                   |
|   | 1305/Varies   | Repairs, maintenance, and calibration of lab instruments  |                  | 2,500            | 2,500             |
|   | 1370/Varies   | Repairs on lab equipment, calibration services  |                  | 3,000            | 3,000             |
|   | Varies  | Repairs, maintenance, and calibration of lab instruments  | 3,500            |                  |                   |
|   | varies  | Repairs, maintenance, and calibration of lab instruments  |                  | 2,500            | 2,500             |
|   | various   | Repairs, maintenance, and calibration of laboratory equipment   | 5,000            |                  |                   |
| <b>Total Repairs &amp; Maintenance - Outside Services</b> |   |   | <b>1,691,970</b> | <b>1,540,820</b> | <b>1,542,020</b>  |
| Training  | 00945/TBD   | Professional development training   | 1,000            | 1,000            | 1,000             |
|   | 00948/AWWA ACE                                      | Registraton and training provided through AWWA's Annual Conference  |                  | 900              | 900               |
|   | 00948/AWWA International Symposium on Potable Reuse | Registraton and training provided through AWWA's international symposium on potable reuse                   |                  | 800              | 800               |
|   | 00948/AWWA WQTC                                     | Registration for AWWA Water Quality Technology Conference   |                  | 900              | 900               |
|   | 00948/AWWA, NWRA (as specified)                     | Registration for AWWA, NWRA, CUWA, ACWA, or other meeting   |                  | 1,200            | 1,200             |
|   | 00948/CA Annual WateReuse Conference                | Registraton and training provided through California WateReuse annual conference                            |                  | 2,400            | 2,400             |
|   | 00948/TBD   | Other related training  |                  | 3,500            | 3,500             |
|   | 00948/TBD Vendor                                    | Training for Water ReUse project  | 11,500           |                  |                   |
|   | 00948/TBD Vendor                                    | Training for new regulations, compliance requirements, emergency response, and security for Section Manager | 700              | 700              | 700               |
|   | 00948/WEFTEC  | Registraton and training provided through WEFTEC annual conference  |                  | 1,500            | 1,500             |
|   | 00948/WateReuse Symposium                           | Registraton and training provided through WateReuse annual symposium  |                  | 2,400            | 2,400             |
|   | 00997/TBD   | Training (construction related & other professional development)  | 1,000            |                  |                   |
|   | 00997/TBD   | Training (construction related & other professional development)  |                  | 1,000            | 1,000             |
|   | 00998/TBD   | Professional Development / Other training   |                  | 1,000            | 1,000             |
|   | 00998/TBD   | Professional Development / other training   | 1,000            |                  |                   |
|   | 00999/TBD   | Professional Development/Other Training   |                  | 1,000            | 1,000             |
|   | 00999/TBD   | Professional development / other training   | 1,000            |                  |                   |
|   | 01006 - Chlorine Institute                          | Professional development / To attend the Chlorine Institute annual conference                               | 3,200            | 3,200            | 3,200             |
|   | 01007/TBD   | Professional Development for BST staff  | 300              | 300              | 300               |
|   | 01012-WECC-Schedulers Class                         | Training for Systems Scheduler  | 1,000            | 1,000            | 1,000             |
|   | 01012/CESA  | California Emergency Serv Assoc Conference/Training   | 700              |                  |                   |
|   | 01012/Emergency Operations Center (EOC)             | Emergency Mgmt Training for EOC   | 500              |                  |                   |
|   | 01012/IAEM  | Int'l Assoc of Emergency Mgmt Conference  | 700              |                  |                   |
|   | 01012/TBC   | Training for Emergency Reponse Staff  | 3,000            |                  |                   |
|   | 01024/Emergency Operations Center (EOC)             | Emergency Management Training for EOC   |                  | 1,000            | 1,000             |
|   | 01024/TBD   | Training for Emergency Response Staff   |                  | 3,000            | 3,000             |
|   | 01035/TBD   | Professional development / technical training   | 1,000            | 1,000            | 1,000             |
|   | 01041/TBD   | Refresher training to keep staff current on MWD's new equipment and procedures                              | 1,500            | 6,000            | 6,000             |
|   | 01041/TBD   | Training on ozone HVAC equipment  | 1,500            |                  |                   |
|   | 01141/Solidworks                                    | SolidWorks / GD&T (part dimensions) training  | 1,000            | 650              | 650               |
|   | 01141/TBD - NACB Trainer                            | NACB crane certification training   | 2,000            | 1,650            | 1,650             |
|   | 01155-A/B Rockwell                                  | Control Logix Troubleshooting   | 2,500            | 2,500            | 2,500             |
|   | 01155-A/B Rockwell                                  | Factory Talk View SE Programming  | 4,980            | 4,980            | 4,980             |
| 01155-Cisco   | Cisco router training                               | 3,395   | 3,395            | 3,395            |                   |
| 01155-OSIsoft   | PI System architecture, planning and implementation | 2,125   | 2,125            | 2,125            |                   |

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## Water System Operations

| Template Type                    | Org/Vendor/Provider  | Description  | Budget | Proposed | Proposed Plus One |
|----------------------------------|--|--|--------|----------|-------------------|
| Training                         | 01155-Red Hat  | Red Hat OS configuration and OS security training for new SCADA servers for new staff.                       | 6,000  | 6,000    | 6,000             |
|                                  | 01155-TBD  | Training for new staff   |        | 15,000   | 15,000            |
|                                  | 01155-Tenable Security   | Tenable Security Center & Log Correlation Engine training for new staff.                                     | 2,000  | 2,000    | 2,000             |
|                                  | 01155-Zoho Corporation   | Op Manager Network management training for new staff.  | 2,000  | 2,000    | 2,000             |
|                                  | 01171/TBD  | Certified Welding Inspector Training   | 2,500  | 2,250    | 2,250             |
|                                  | 01171/TBD 1  | Construction/trades related training   | 2,500  | 2,250    | 2,250             |
|                                  | 01175/TBD  | CNC machine operation training - multiple employees  |        | 3,225    | 3,225             |
|                                  | 01175/TBD - Machinery Training                                       | CNC machine operation training - multiple employees  | 3,000  |          |                   |
|                                  | 01176/TBD  | Rescue training  |        | 1,000    | 1,000             |
|                                  | 01176/TBD  | Sling lift training  |        | 1,800    | 1,800             |
|                                  | 01176/TBD - Valve/Dive Trainer                                       | Dive and or valve related training   | 3,500  |          |                   |
|                                  | 01178/TBD  | NACE training  |        | 3,300    | 3,300             |
|                                  | 01178/TBD - NACE Trainer   | NACE training  | 4,000  |          |                   |
|                                  | 01180/Hydrovson or TBD   | Public Hydroelectric Power Generation (practices, repair methods & industry trends)                          | 1,000  |          |                   |
|                                  | 01180/Schweitzer Eng Lab or TBD                                      | SEL Transmission & Generation Protection Training  | 750    |          |                   |
|                                  | 01180/TBD  | AVO Substation   |        | 13,560   | 13,560            |
|                                  | 01180/TBD  | Bearing Principles Training - For repair & refurb of sleeve & journal bearing                                | 4,500  |          |                   |
|                                  | 01180/TBD  | CAISO Metering Training - 3 phase power & transmission metering  | 1,500  |          |                   |
|                                  | 01180/TBD  | Doble Training   | 750    | 750      | 750               |
|                                  | 01180/TBD  | Generator Winding & Wedging Training - covers major repairs & winding of electrical motors & generators      | 5,500  |          |                   |
|                                  | 01180/TBD  | Optical Machine Alignment Training - covering offline static to running conditions                           | 8,500  |          |                   |
|                                  | 01180/TBD  | Other technical training, as required  |        | 4,500    | 4,500             |
|                                  | 01180/TBD  | Public Hydroelectric Power Generation (practices, repair methods & industry trends)                          |        | 1,000    | 1,000             |
|                                  | 01180/TBD  | SEL Transmission & Generation Protection Training  |        | 750      | 750               |
|                                  | 01180/TBD  | Valence Advanced Relay Training  | 3,500  | 8,000    | 8,000             |
|                                  | 01195-ISA  | Certify Control System Tech. Level 3 review course (2 emp. x 2,400=4,800)                                    | 4,800  |          |                   |
|                                  | 01195-TBD  | PLC/HMI Programing Training class (2 emp. x 2,000= 4,000)  |        | 4,000    | 4,000             |
|                                  | 01195-TBD  | PLC/HMI Programing Training class (3 emp. x 2,000= 6,000)  | 6,000  |          |                   |
|                                  | 01199 - TBD  | PLC Training for new Control System Techs  | 6,000  | 6,000    | 6,000             |
|                                  | 01203/External Training  | ISA CCST Certification (1 FTE's @ \$300/day)   | 1,000  | 1,000    | 1,000             |
|                                  | 01207- ISA   | ISA Troubleshooting Instrumentation and Control Systems.   | 9,000  |          |                   |
|                                  | 01207- ISA   | ISA Troubleshooting Instrumentation and Control Systems. (4 days- 1 emp. x \$3,000 = \$3,000)                |        |          | 3,000             |
|                                  | 01207- Rockwell  | PLC Training - Troubleshooting and maintenance procedures of PLC's (35) on site. (2 emp. x \$1,500= \$3,000) |        | 3,000    |                   |
|                                  | 01221-System Operator Training/Outside training for System Operators | Training required for System Operators for Department of Health Services                                     | 500    | 500      | 500               |
|                                  | 01225/NACE   | Electrical training for 2 employees  |        | 12,000   |                   |
|                                  | 01225/NACE   | NACE training for two employees  |        |          | 12,000            |
|                                  | 01274- CEU classes TBD   | To gain knowledge and CEU  | 1,500  | 6,700    | 6,700             |
|                                  | 01275- AWWA Seminar  | Gain knowledge and CEU (6 emp. x \$150)  | 900    | 900      | 900               |
|                                  | 01275- Cla Val Valve Training  | Repair and troubleshoot pressure regulating valves (2 emp. x \$150)  | 300    | 300      | 300               |
|                                  | 01275- Crowley Pump Training   | Repair and troubleshoot centrifugal pumps (2 emp. x \$200)   |        | 400      | 400               |
| 01275- Crowley Pump Training     | Repair and troubleshoot centrifugal pumps (4 emp. x \$150)           | 600  |        |          |                   |
| 01275- RF McDonald Pump Training | Repair and troubleshoot centrifugal pumps (1 emp. x \$1,400)         |  | 1,400  | 1,400    |                   |
| 01275- RF McDonald Pump Training | Repair and troubleshoot centrifugal pumps (6 emp. x \$1,500)         | 9,000  |        |          |                   |
| 01277- Water College             | Online Water Treatment Class   |  | 1,300  | 1,300    |                   |
| 01279- AVO Training              | Circuit Breaker Maintenance Low Voltage - 6 emp. x 1,666= 10k        | 10,000   |        |          |                   |
| 01280 - TBD                      | 160 CEU's required for the team at \$18.75/hour                      | 3,000  | 3,000  | 3,000    |                   |
| 01281 - TBD                      | Chlorep Team Training  | 500  | 500    | 500      |                   |
| 01281 - TBD                      | Pump or Valve Training   | 2,000  | 2,000  | 2,000    |                   |
| 01282 - Storage Battery Systems  | SBS On-Site Battery Theory and Maintenance Training                  | 4,700  | 4,700  | 4,700    |                   |

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## Water System Operations

| Template Type | Org/Vendor/Provider                                 | Description   | Budget | Proposed | Proposed Plus One |
|---------------|---|---|--------|----------|-------------------|
| Training      | 01283/AWWA  | 7 FTEs x 3 days @ \$100/day to attend conference for continuing education units and changing concepts and technologies within the water treatment industry. | 1,100  | 1,100    | 1,100             |
|               | 01284/TBD   | Pumps and pump systems (4 FTE's x \$500)  | 1,000  | 1,000    | 1,000             |
|               | 01285/TBD   | Thermographic Training (\$800 x 2 FTEs)   | 1,600  | 1,600    | 1,600             |
|               | 01290/TBD   | Blueprint reading   | 1,500  | 1,000    | 1,000             |
|               | 01290/TBD 1   | Heavy equipment operator training   | 2,000  | 2,000    | 2,000             |
|               | 01290/TBD 2   | Supplemental field survey training (line, grade & stakes)   | 2,000  | 2,000    | 2,000             |
|               | 01293/TBD 1   | Cable Vault Locating & Tracing  | 5,500  | 2,000    | 2,000             |
|               | 01293/TBD 2   | Cable Testing & Diagnostics   | 6,000  | 2,000    | 2,000             |
|               | 01293/TBD 3   | Generator & Emergency Power   | 3,000  | 2,000    | 2,000             |
|               | 01293/TBD 4   | UPS Systems   | 3,000  | 2,125    | 2,125             |
|               | 01294/TBD   | Maximo Training   | 8,000  | 5,000    | 5,000             |
|               | 01294/TBD   | Reliability Engineering Certification   | 24,000 | 8,565    | 8,565             |
|               | 01294/TBD   | Ultrasound Level 1 Certification - Theory, principles & practice of ultrasound technology use for early detection of equipment failure                      |        | 5,000    | 5,000             |
|               | 01294/TBD   | Ultrasound Level I Certification - theory, principles & practice of ultrasound technology use for early detection of equipment failure                      | 8,000  |          |                   |
|               | 01368/TBD   | Facilitation, Root Cause analysis   |        | 7,000    | 7,000             |
|               | 01368/TBD   | Tailored Development class  |        | 500      | 500               |
|               | 01375/OSM   | External Training   |        | 250      | 250               |
|               | 0920/Asst. Group Manager                            | External contact hour classes and Water Treatment Operator classes  | 200    |          |                   |
|               | 0920/Group Manager                                  | External contact hour classes and Water Distribution classes.   | 200    |          |                   |
|               | 0920/Group Manager                                  | External contact hour classes and Water Treatment Operator classes  | 200    |          |                   |
|               | 0920/Various  | Management Technical & Professional Training Courses  | 200    |          |                   |
|               | 0920/WaterReuse Assoc                               | WaterReuse Association conference program fee   |        | 825      | 825               |
|               | 1002/Various  | Professional development / technical training   | 1,000  | 500      | 500               |
|               | 1003/TBD  | Chlorine Training with DeNora for Chlorine Topics   | 10,000 | 10,000   | 10,000            |
|               | 1003/TBD  | Contact Hours Training  | 1,000  | 1,000    | 1,000             |
|               | 1003/TBD  | Registration Fees - AWWA Annual Conference and Exposition (ACE)   | 800    | 800      | 800               |
|               | 1003/TBD  | Registration Fees - AWWA Bi-Annual Section Conference   | 1,000  | 1,000    | 1,000             |
|               | 1003/TBD  | Registration Fees - California Annual Water Reuse Association Conference  | 500    | 500      | 500               |
|               | 1003/TBD  | Registration Fees - IOA Annual Conference   | 800    | 800      | 800               |
|               | 1003/TBD  | Water Operator Certifications   | 7,500  | 7,500    | 7,500             |
|               | 1004/AWWA   | AWWA Training Registration  |        | 1,800    | 1,800             |
|               | 1009/TBD  | External training/conferences not available in-house for one employee   | 500    | 250      | 250               |
|               | 1010/TBD  | Contact hours for renewal of Qualified Applicators Certificate  | 200    | 200      | 200               |
|               | 1011/TBD  | Maintenance Planning and/or Projects  | 900    |          |                   |
|               | 1013/DesertRegionUnitTeam                           | To provide external safety training for the unit.   | 4,000  | 4,000    | 4,000             |
|               | 1014/AWWA WQTC                                      | Attend AWWA Water Quality Technology Conference   | 900    |          |                   |
|               | 1014/AWWA WQTC                                      | Registration for AWWA Water Quality Technology Conference   |        | 900      | 900               |
|               | 1014/Emergency Management                           | Training in emergency management, response, and new technology  | 500    | 500      | 500               |
|               | 1014/National Grants Management Association         | Registration costs to attend National Grants Management Association workshop  | 1,000  | 1,000    | 1,000             |
|               | 1014/Quagga Mussel Control Program/Algae Management | Registration costs for training and workshops related to Quagga mussel and algae monitoring programs  | 2,000  | 1,000    | 1,000             |
|               | 1014/WateReuse                                      | Registration costs for reuse related meeting  |        | 1,000    | 1,000             |
|               | 1015/AWWA Annual Conference                         | Registration of AWWA ACE  | 900    |          |                   |
|               | 1015/AWWA WQTC                                      | Registration for AWWA Water Quality Technology Conference   | 900    | 900      | 900               |
|               | 1015/Cyanotoxins workshop/seminar                   | Registration for cyanotoxin workshop or seminar   | 400    |          |                   |
|               | 1015/Recycled water workshop/seminar                | Registration for recycled water workshop or seminar   | 400    | 400      | 400               |
|               | 1015/Topical workshop/seminar                       | Registration for topical (cyanotoxin, nitrification, etc.) workshop or seminar  |        | 400      | 400               |
|               | 1015/WateReuse Association                          | Registration for annual WateReuse Symposium   | 800    | 800      | 800               |
|               | 1015/WateReuse Foundation                           | Registration for WateReuse Foundation Research & Desalination Conference  | 400    | 400      | 400               |
|               | 1016/AWWA/Section conferences and workshops         | Registration for AWWA conferences and workshops (management/staff)  |        | 1,500    | 1,500             |
|               | 1016/Gordon Research Conference                     | Registration for Gordon Research Conference   |        | 850      | 850               |

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## Water System Operations

| Template Type                                 | Org/Vendor/Provider  | Description  | Budget | Proposed | Proposed Plus One |
|---|--|--|--------|----------|-------------------|
| Training                                      | 1016/Local Workshops   | Registration for local conferences   |        | 300      | 300               |
|   | 1016/Other Water Agency Association conference                     | Registration for California-section workshops/other training                                       |        | 950      | 950               |
|   | 1026/TBD   | Training for SRS Section Manager & Staff on pertinent Legislative, advocacy, and regulatory issues | 9,700  |          |                   |
|   | 1026/TBD   | Training for SRS Section Manager & Staff on pertinent advocacy and regulatory issues.              |        | 5,200    | 5,200             |
|   | 1031/TBD   | Coating applications training  | 1,000  | 800      | 800               |
|   | 1032/TBD   | (3) employees to attend external training  | 700    |          |                   |
|   | 1037/Employee Development  | Registration to attend local seminars, workshops, or training classes                              | 100    | 100      | 100               |
|   | 1165/Various   | Enhance skills of existing and new staff   |        | 3,000    | 3,000             |
|   | 1165/Various   | Enhance skills of existing staff   | 2,000  |          |                   |
|   | 1184/TBD   | Technical training - equipment and vehicle maintenance   | 2,100  | 2,000    | 2,000             |
|   | 1186/TBD   | Technical training - equipment and vehicle maintenance   | 1,000  | 1,000    | 1,000             |
|   | 1187/Cessna  | Annual Cessna Caravan training (Wichita, KS)   | 11,700 | 18,625   | 18,625            |
|   | 1187/Simcon  | Annual Baron 58 training   | 9,000  |          |                   |
|   | 1187/TBD   | Technical training - equipment and vehicle maintenance and repairs                                 |        | 500      | 500               |
|   | 1187/VARIOUS   | Technical training - equipment and vehicle maintenance and repairs                                 | 300    |          |                   |
|   | 1188/External  | External training for business support staff   | 300    | 300      | 300               |
|   | 1191/Allen Bradley   | Control Logix training   | 4,100  |          |                   |
|   | 1191/ISA   | Training required for Instrument Society of America (ISA) certification                            | 14,000 | 15,000   | 15,000            |
|   | 1191/TBD   | Various Instrumentation Control Trainings  |        | 3,100    | 3,100             |
|   | 1208/TBD   | Landscape/Weed Abatement Regulations Seminar   | 100    | 100      | 100               |
|   | 1209/TBD   | Contact hours for certificate renewal, and AWWA seminar  | 1,000  | 1,000    | 1,000             |
|   | 1211/TBD   | Contact hours for certificate renewal, and AWWA seminar  | 1,200  | 700      | 700               |
|   | 1212/TBD   | Contact hours for certificate renewal, and AWWA seminar  | 1,000  | 700      | 700               |
|   | 1213/TBD   | Contact hours for certificate renewals, and AWWA seminar   | 1,500  | 800      | 800               |
|   | 1215/Misc  | External training - Employee Development   | 700    |          |                   |
|   | 1216/TBD   | Training Budget to Projected based on (3) employees to attend Water Treatment training             | 800    |          |                   |
|   | 1218/TBD   | Training (2) employees to attend Water Distribution/Certification training                         | 800    |          |                   |
|   | 1219/TBD   | \$1000-Training (3) employees to attend Water Distribution/Certification training                  | 800    |          |                   |
|   | 1225/PumpMaintenanceTeam   | CDL, crane, and external technical training  | 2,000  |          |                   |
|   | 1226/PowerlineMaintenanceTeam                                      | High voltage training  | 500    | 500      | 500               |
|   | 1227/ControlSystemsTeam  | Training for new technology being incorporated.  | 4,000  | 4,000    | 4,000             |
|   | 1234/AWWA CA/NV Conference   | Registration to attend CA/NV Conference or other local AWWA workshop                               | 600    | 800      | 800               |
|   | 1234/American Society for Microbiology                             | Registration to attend local ASM conference  | 100    | 200      | 200               |
|   | 1234/Employee development training                                 | Miscellaneous employee development training  | 100    | 100      | 100               |
|   | 1235/AWWA  | Registration for AWWA CA/NV conference   |        | 800      | 800               |
|   | 1235/AWWA WQTC   | Registration fee to attend AWWA conference   |        |          | 900               |
|   | 1235/AWWA WQTC   | Registration to attend Water Quality Technology Conference   |        | 900      |                   |
|   | 1235/UNC Water Microbiology  | Registration to attend UNC/IWA Water Microbiology Conference; date/location TBD                    | 500    |          |                   |
|   | 1235/WateReuse/WRF   | Attend WateReuse/WRF conference  |        | 800      | 800               |
|   | 1236/CALMS Conference  | Registration for California Lake Management Society conference                                     | 400    | 400      | 400               |
|   | 1236/NALMS Conference  | Registration for North American Lake Management Society conference                                 | 500    | 700      | 700               |
|   | 1236/National society meeting                                      | Registration for national meeting on algal bloom management  | 400    | 400      | 400               |
|   | 1236/State or national society meeting                             | Workshop registration  | 500    | 200      | 200               |
| 1238/AWWA-CA/NV                               | Registration for AWWA CA/NV conference                             | 500  | 800    | 800      |                   |
| 1238/American Backflow Prevention Association | Registration for ABPA West Regional Conference                     | 200  | 200    | 200      |                   |
| 1238/American Backflow Prevention Association | Registration for recertification seminar (Riverside County)        | 400  | 400    | 400      |                   |
| 1238/Performance Training                     | Registration fees for local seminars, workshops, and webinars      | 200  | 200    | 200      |                   |
| 1238/USC FCC                                  | Registration for cross connection specialist training (1 staff)    |  | 1,000  | 1,000    |                   |
| 1239/AWWA ACE                                 | Registration to attend AWWA Annual Conference and Exposition (ACE) |  | 1,300  | 1,300    |                   |
| 1239/AWWA CA/NV                               | Registration for AWWA CA/NV Conference                             | 600  |        |          |                   |

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## Water System Operations

| Template Type                             | Org/Vendor/Provider   | Description  | Budget | Proposed | Proposed Plus One |
|---|---|--|--------|----------|-------------------|
| Training                                  | 1239/AWWA CA/NV   | Registration for AWWA CA/NV Conference (Fall and Spring)   |        | 1,600    | 1,600             |
|   | 1239/AWWA WQTC  | Registration to attend AWWA Water Quality and Technology Conference  |        | 900      | 900               |
|   | 1239/Technical Training   | Registration fees for local seminars, workshops, webcasts, teleconferences, model training, etc.   |        | 700      | 700               |
|   | 1239/USC Foundation for Cross-Connection Control  | Registration for cross-connection control program specialist training  |        | 600      | 600               |
|   | 1239/WateReuse Foundation   | Registration for the annual WateReuse conference/symposium   | 300    | 300      | 300               |
|   | 1239/Water Quality Technical Training   | Registration fees for local seminars, workshops, webcasts, teleconferences, model training, etc.   | 700    |          |                   |
|   | 1241/Agilent  | In-house training to teach staff performance of triple quad GC/MS instrument   | 2,000  | 2,500    | 2,500             |
|   | 1241/Training/Workshops   | Registration for local conferences and training  | 500    | 500      | 500               |
|   | 1242/AWWA CA/NV   | Registration for AWWA CA/NV conference   | 300    |          |                   |
|   | 1242/AWWA CA/NV   | Registration for AWWA CA/NV conference (Spring & Fall)   |        | 800      | 800               |
|   | 1242/AWWA WQTC  | Registration for AWWA WQTC   |        | 400      | 400               |
|   | 1242/American Society for Mass Spectrometry   | Registration for ASMS conference   | 300    | 300      | 300               |
|   | 1242/Association of California Water Agencies   | Registration of ACWA Annual Conference   | 300    |          |                   |
|   | 1242/Biological Treatment Symposium   | Registration for Biological Treatment Symposium  | 700    | 500      | 500               |
|   | 1242/Gordon Research Conference   | Registration for Gordon Research Conference  | 600    | 600      | 600               |
|   | 1242/WateReuse Foundation   | Registration for WateReuse California Annual Conference  | 300    | 300      | 300               |
|   | 1242/WateReuse Research   | Registration for WateReuse Research Conference   | 300    | 300      | 300               |
|   | 1244/Varies   | Registration fees to attend local seminars and workshops   | 800    |          |                   |
|   | 1244/Varies   | Registration fees to attend local seminars and workshops (instrumentation/new analytical methods)  |        | 2,500    | 2,500             |
|   | 1262/CLaVal   | ClaVal Service Training: Mechanical  |        | 2,000    | 2,000             |
|   | 1262/CLaVal   | ClaVal Service Training: Mechanical P.3 Spring 2020  | 2,000  |          |                   |
|   | 1262/Mt. San Antonio College  | MSAC contract training for Mechanical Apprentice Program Periods 5. Base on 100 hours of class for apprentices and journey level employees at \$250 per class hour.                    |        | 27,000   | 54,000            |
|   | 1262/Mt. San Antonio College  | MSAC contract training for Mechanical Apprentice Program Periods 5. Base on 100 hours of class for apprentices and journey level employees at \$250 per class hour. Spring 2019 & 2020 | 25,000 |          |                   |
|   | 1262/San Bernardino Valley College  | SBVC Contract training for Mechanical Apprentice Program Period 6: Machine Shop. Based on 100 hrs of class at \$270/class hr. Fall 2019  | 27,000 |          |                   |
|   | 1262/TBD  | Misc Technical training for instructors and staff not available in-house. Electrical code and advanced PLC training for instructor.  | 2,000  | 2,000    | 2,000             |
|   | 1267/various  | Regulatory training for staff to maintain certifications not available in-house.   | 2,000  | 3,000    | 3,000             |
|   | 1268/American Industrial Hygiene Association  | Registration and tuition for Professional Development Course   | 1,500  | 1,500    | 1,500             |
|   | 1268/Asbestos Project Management - Refresher Training   | Tuition fee for (3) 1-day refresher courses  | 1,500  | 1,500    | 1,500             |
|   | 1268/Fire and Life Safety   | Tuition fee for 40-hr training course.   | 800    | 800      | 800               |
|   | 1268/Lead Project Management  | Tuition fee for - Lead Worker/Supervisor 3-day (\$375) Refresher training  | 800    | 1,200    | 1,200             |
|   | 1268/National Safety Council  | Tuition fee for 1-day Professional Development Course.   | 400    |          |                   |
|   | 1268/OSHA Institute   | Fleet Safety, OSHA Recordkeeping, Other PD courses   | 2,000  | 4,000    | 4,000             |
|   | 1268/Radiation Safety   | Tuition fee for Radiation Safety Officer training  |        | 1,600    |                   |
|   | 1269/Various - TBD  | Environmental training for staff to maintain expertise.  | 3,500  | 3,500    | 3,500             |
| 1270/Curricula Training Inc               | NERC CIP Training   | 20,000   | 20,000 | 20,000   |                   |
| 1270/EHS International                    | Provide Traffic Control, Aerial Lift, Excavation/Trenching, Forklift, Overhead Crane, Scaffold Training, Traffic Control Training | 49,800   | 49,800 | 49,800   |                   |
| 1270/Global Environmental Training (GENI) | First Responder, Crane Rigging Training   |  | 48,300 | 48,300   |                   |
| 1270/Gloval Environmental Training (GENI) | First Responder, Crane Rigging Training   | 48,300   |        |          |                   |
| 1270/Learn CPR for Life                   | CPR/Medical/First Aid   | 25,000   | 30,000 | 30,000   |                   |
| 1270/Life and Rail                        | Track Mobile Training   | 3,000  | 3,000  | 3,000    |                   |
| 1270/NAETEC International                 | Asbestos Worker, Cement Pipe, Lear RRP Training   | 50,000   | 50,000 | 50,000   |                   |
| 1270/National Safety Council              | Defensive Driver Online   | 7,500  | 7,500  | 7,500    |                   |
| 1270/Network Environmental Services       | DOT Shipper/Receiver, Hazardous Waste Management, Hazwoper Site Worker  | 9,600  |        |          |                   |

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## Water System Operations

| Template Type                                       | Org/Vendor/Provider                    | Description  | Budget                   | Proposed       | Proposed Plus One |                |
|---|--|--|--------------------------|----------------|-------------------|----------------|
| Training  | 1270/Network Environmental Services    | DOT Shipper/Receiver, Hazardous Waste Management, Hazwoper Site Worker   |                          | 9,600          | 9,600             |                |
|   | 1270/OSTS Inc                          | Mobile Crane Training  | 8,000                    | 8,000          | 8,000             |                |
|   | 1270/Utility Training Academy          | Underground Utility Locator Training   | 10,700                   | 10,700         | 10,700            |                |
|   | 1271/External                          | AWWA Conference Fees   |                          | 2,000          | 2,000             |                |
|   | 1271/External                          | Water operations training  | 1,200                    | 2,000          | 2,000             |                |
|   | 1272/External Training                 | External training, including backflow and AWWA workshops   |                          | 4,000          | 4,000             |                |
|   | 1273/AUMA                              | External Training: AUMA Actuator Training (2-FTEs)   | 4,200                    | 4,200          | 4,200             |                |
|   | 1273/Allen Bradley                     | External Training: Allen Bradley Compact Logix Training (2-FTEs)   | 4,100                    | 4,100          | 4,100             |                |
|   | 1273/Allen Bradley                     | External Training: Allen Bradley SLC500 Training (2-FTEs)  | 3,100                    | 3,700          | 3,700             |                |
|   | 1302/AWWA CA-NV                        | Conference registration (QA/QC)  |                          | 1,800          | 1,200             |                |
|   | 1305/ELAP                              | TNI/ELAP related training  | 1,000                    | 1,000          | 1,000             |                |
|   | 1305/LIMS and Data Management          | Data management related registration and training  | 1,600                    |                |                   |                |
|   | 1305/NEMC                              | Conference registration (QA/QC)  |                          | 1,800          | 1,200             |                |
|   | 1305/PluralSight Business Professional | Annual Membership to training environment (Data Management; 4 staff)   |                          | 2,400          | 2,400             |                |
|   | 1305/QA/QC Training                    | Registration and training provided by AWWA, EPA, A2LA, TNI, and other QA related agencies                          | 1,200                    |                |                   |                |
|   | 1305/TNI                               | TNI Implementation Training (QA/QC; 4 staff)   |                          | 2,000          | 1,600             |                |
|   | 1369/AWWA                              | Registration for AWWA CA/NV conference (Spring & Fall)   |                          | 1,800          | 1,800             |                |
|   | 1369/AWWA WQTC                         | Registration for AWWA Water Quality Technology Conference  |                          | 900            | 900               |                |
|   | 1369/ELAP/SWRCB                        | TNI regulations and compliance   |                          | 1,000          | 1,000             |                |
|   | 1370/Employee Development              | Registration to attend local seminars, workshops, or training classes  |                          | 1,000          | 1,000             |                |
|   | ACWA                                   | ACWA (Associatoin of California Water Agencies) conferences/symposiums   |                          | 1,200          | 1,200             |                |
|   | AWWA                                   | AWWA Conferences/Seminars (various)  |                          | 500            | 500               |                |
|   | AWWA                                   | Registration fee to attend AWWA conference   | 500                      |                |                   |                |
|   | AWWA ACE                               | Registration for AWWA Annual Conference  | 800                      |                |                   |                |
|   | AWWA CA/NV                             | Registration for AWWA CA/NV workshops  | 400                      |                |                   |                |
|   | AWWA WQTC                              | Registration for AWWA Water Quality Technology Conference  | 900                      |                |                   |                |
|   | Gordon Research Conference             | Registration for Gordon Research Conference  | 700                      |                |                   |                |
|   | Various employees                      | Power issues or compliance related training  | 5,750                    | 5,750          | 5,750             |                |
|   | WERF                                   | Registration for annual conference   | 400                      |                |                   |                |
|   | WERF                                   | Registration for research conference   | 400                      |                |                   |                |
|   | <b>Total Training</b>                  |  |                          | <b>669,950</b> | <b>652,975</b>    | <b>676,775</b> |
|   | Travel                                 | 00945/Staff  | Business travel expenses | 500            | 3,000             | 3,000          |
| 00948/AWWA ACE                                      |  | Attend AWWA's Annual Conference  |                          | 1,800          | 1,800             |                |
| 00948/AWWA International Symposium on Potable Reuse |  | Attend AWWA's international symposium on potable reuse   |                          | 1,800          | 1,800             |                |
| 00948/AWWA WQTC                                     |  | Attend AWWA Water Quality Technology Conference (Section Manager)  | 1,000                    | 800            | 800               |                |
| 00948/AWWA, NWRRA (as specified)                    |  | Travel for AWWA, NWRRA, CUWA, ACWA, and other meetings (Section Manager, Sr Env Specialist)                        | 3,300                    | 3,300          | 3,300             |                |
| 00948/CA Annual WateReuse Conference                |  | Attend California WateReuse annual conference  |                          | 5,400          | 5,400             |                |
| 00948/Local Travel                                  |  | Local travel, including Metrolink, mileage, and other business related reimbursements                              |                          | 1,000          | 1,000             |                |
| 00948/WEFTEC  |  | Attend WEFTEC annual conference  |                          | 3,600          | 3,600             |                |
| 00948/WateReuse Symposium                           |  | Attend WateReuse annual symposium  |                          | 5,400          | 5,400             |                |
| 00948/Water Quality Issues                          |  | Travel for water quality meetings in Washington, DC; Sacramento, CA; Cincinnati, OH; etc (Section Manager)         | 1,800                    | 2,000          | 2,000             |                |
| 00948/Water ReUse Project                           |  | Travel for Water Reuse Project   | 18,400                   |                |                   |                |
| 00997/Employee                                      |  | Reimbursement of business travel expenses  | 100                      | 800            | 800               |                |
| 00997/The Toll Roads                                |  | FasTrak transponders (used as needed by staff for quicker business travel on freeways)                             |                          | 2,700          | 2,700             |                |
| 00997/The Toll Roads                                |  | Replenish toll account for FasTrak transponders (devices used as needed for expedient business travel on freeways) | 2,700                    |                |                   |                |
| 00998/Staff   |  | Business travel expenses   | 300                      | 200            | 200               |                |
| 00999/Staff   |  | Business Travel Expenses   |                          | 300            | 300               |                |
| 00999/Staff   |  | Business travel expenses   | 300                      |                |                   |                |
| 01005- Metrolink                                    |  | Train fare   | 150                      | 150            | 150               |                |

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## Water System Operations

| Template Type | Org/Vendor/Provider  | Description  | Budget | Proposed | Proposed Plus One |
|---------------|--|--|--------|----------|-------------------|
| Travel        | 01005-Employee   | Mileage  | 150    | 150      | 150               |
|               | 01006 - Mileage/Per Diem                                   | Mileage reimbursement for attending off-site training or meetings  | 500    | 500      | 500               |
|               | 01007/Mileage  | "Mileage/transportation for offsite training for Planner Scheduler and BST staff (AAI, AAll)"                      | 200    |          |                   |
|               | 01007/Mileage  | Mileage/transportation for offsite training for Planner Scheduler and BST staff (AAI, AAll)                        |        | 960      | 960               |
|               | 01008- Mileage   | Attending offsite training, meetings, project work   | 100    |          |                   |
|               | 01012-AMR Training   | Replacement AMR Technician   | 1,200  | 1,200    | 1,200             |
|               | 01012-DWR Annual Maintenance Meetings and etc. (OCC Staff) | Travel to local and state meetings as needed for Operations and Maintenance  | 1,500  | 1,500    | 1,500             |
|               | 01012-Staff  | Mileage and out of area meals/SORC meetings  | 2,000  | 2,000    | 2,000             |
|               | 01012/general travel                                       | EM training classes, exercises and conferences, CEUA meeting   | 3,100  |          |                   |
|               | 01024-Emergency Management                                 | Emergency Management Training and Conferences  |        | 3,100    | 3,100             |
|               | 01024-Section Manager                                      | Department of Water Resrouces Meetings   |        | 1,500    | 1,500             |
|               | 01024-Section Manager                                      |  | 1,500  |          |                   |
|               | 01035/Staff  | Reimbursement of business travel expenses  | 500    | 1,800    | 1,800             |
|               | 01035/The Toll Roads                                       | FasTrak transponders (used as needed by staff for quicker business travel on freeways)                             |        | 3,000    | 3,000             |
|               | 01035/The Toll Roads                                       | Replenish toll account for FasTrak transponders (devices used as needed for expedient business travel on freeways) | 3,000  |          |                   |
|               | 01041/Staff  | Business Travel Expenses   |        | 1,000    | 1,000             |
|               | 01041/Staff  | Business travel expenses   | 600    |          |                   |
|               | 01141/Staff  | Shutdown support/crane cert related travel expenses  | 13,000 | 15,000   | 15,000            |
|               | 01155-TBD  | Mileage or airfare for up to 16 employees.   | 1,500  | 2,500    | 2,500             |
|               | 01155-TBD  | Overnight lodging for 3 employees.   | 500    | 500      | 500               |
|               | 01171/Staff  | Travel expenses for shutdowns, repairs and other projects  | 51,500 | 50,000   | 50,000            |
|               | 01175/Staff  | Business related travel expenses   |        | 1,000    | 1,000             |
|               | 01175/Staff  | Work or training related travel expenses   | 3,000  |          |                   |
|               | 01176/Staff  | Travel expenses for shutdowns & project work   | 24,000 | 27,000   | 27,000            |
|               | 01178/Staff  | Business travel expenses   |        | 3,300    | 3,300             |
|               | 01178/Staff  | Travel expenses related to training & work travel  | 4,000  |          |                   |
|               | 01180/Staff  | Travel expenses for HEP shutdowns, maintenance & repairs   | 30,000 | 15,000   | 15,000            |
|               | 01195- Employee  | mileage Reimbursement for callouts and attending meetings  | 800    | 800      | 800               |
|               | 01196 - Mileage  | Mileage reimbursement for attending off-site training or meetings  | 500    | 1,000    | 1,000             |
|               | 01199 - Mileage  | Mileage reimbursement for call-backs.  | 800    | 800      | 800               |
|               | 01203/Mileage  | Mileage reimbursements for call-backs  |        | 700      | 700               |
|               | 01203/Mileage  | Mileage/transportation to attend offsite training/meetings   | 1,000  | 300      | 300               |
|               | 01204- Mileage   | Attending offsite training, meetings, project work   | 200    | 200      | 200               |
|               | 01207- Mileage   | Attending offsite training, meetings, project work   | 50     | 50       | 50                |
|               | 01207- Mileage   | Call-backs (Treatment & Distribution System)   | 850    | 850      | 850               |
|               | 01221-Mileage  | Mileage for Ops Control Center Team, Callbacks/out of area travel.   | 1,000  | 1,600    | 1,600             |
|               | 01221-Operation Training                                   | Overnight lodging for System Operators for field training.   | 1,000  |          |                   |
|               | 01221-Team Manager training                                | Two nights out of area training/meeting \$350; one airfare \$400   | 750    |          |                   |
|               | 01223_Aqueduct Maintenance Team                            | Travel for remote area work, road grading, canal dragging, and shutdown support.                                   |        | 65,000   |                   |
|               | 01223_Aqueduct Maintenance Team                            | Travel for remote area work, road grading, canal dragging, and shutdown support.                                   |        |          | 65,000            |
|               | 01251-Staff  | Department of Water Resouces & Training  | 4,000  | 4,000    | 4,000             |
|               | 01251-Staff  | Department of Water Resources  | 1,000  | 1,000    | 1,000             |
|               | 01251-Staff  | Department of Water Resources, Training, Bureau of Reclamation   | 500    | 500      | 500               |
|               | 01251-Staff  | Member Public Agencies   | 3,500  | 3,500    | 3,500             |
|               | 01274- Mileage   | Attending offsite meetings and training  | 50     | 50       | 50                |
|               | 01274- Mileage   | Call back for shift coverage   | 150    | 150      | 150               |
|               | 01275 - Mileage Reimbursement                              | Offsite travel to attend training, meetings, project work  | 50     | 200      | 200               |
|               | 01275 - Mileage reimbursement                              | Call outs/Call backs for process issues  | 3,150  | 1,000    | 1,000             |
|               | 01276- Mileage   | Attending offsite training, meetings, project work   | 50     |          |                   |
|               | 01276- Mileage   | Call outs/Call backs for process issues  | 1,550  | 500      | 500               |
|               | 01276- PerDiem   | C&D Shutdown Support   | 4,200  | 3,200    | 3,200             |



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## Water System Operations

| Template Type  | Org/Vendor/Provider   | Description  | Budget    | Proposed  | Proposed Plus One |
|--|---|--|-----------|-----------|-------------------|
| Travel   | 01277- Employee   | Mileage reimbursement for callouts and attending meetings                              | 800       | 800       | 800               |
|  | 01278- Employee   | Mileage reimbursement for callouts and attending meetings                              | 800       | 800       | 800               |
|  | 01279- Employee   | Mileage reimbursement for callouts and attending meetings                              | 900       | 1,000     | 1,000             |
|  | 01280 - Mileage   | Mileage reimbursement for call-backs.  | 300       | 300       | 300               |
|  | 01281 - Mileage   | Mileage reimbursement for call-backs.  | 500       | 500       | 500               |
|  | 01282 - Mileage   | Mileage reimbursement for call-backs.  | 800       | 800       | 800               |
|  | 01283/Mileage   | Mileage reimbursement for AFSCME E-Board Meetings at Union Station (6/year)            | 700       | 700       | 700               |
|  | 01283/Mileage   | Mileage/transportation to attend offsite training/meetings                             | 300       | 300       | 300               |
|  | 01283/Mileage   | Per diem for AFSCME E-Board Meetins at Union Station (6 meetings x \$200)              |           | 1,200     | 1,200             |
|  | 01283/Per Diem  | Per diem for AFSCME E-Board Meetins at Union Station (6 meetings x \$200)              | 1,200     |           |                   |
|  | 01284/Mileage   | Mileage reimbursement for call-backs   | 700       | 700       | 700               |
|  | 01284/Mileage   | Mileage/transportation to attend offsite training/meetings                             | 900       | 900       | 900               |
|  | 01284/Per Diem  | Per diem for shutdown support (\$200/day)  | 900       | 900       | 900               |
|  | 01285/Mileage   | Mileage reimbursement for call-backs   | 1,400     | 1,400     | 1,400             |
|  | 01285/Mileage   | Mileage/transportation to attend offsite training/meetings                             | 1,200     | 1,200     | 1,200             |
|  | 01285/Per Diem  | Per diem for shutdown support 2 FTEs x 5 day x \$200/day                               | 2,100     | 2,100     | 2,100             |
|  | 01287/HindsTeam   | Ttravel required for offsite meetings.   | 5,000     | 15,000    | 15,000            |
|  | 01290/Staff   | Travel expenses for shutdowns, repairs & other work                                    | 44,000    | 86,200    | 86,200            |
|  | 01293/Staff   | Travel expenses for shutdowns, repairs & other work                                    | 8,000     | 8,000     | 8,000             |
|  | 01294/Staff   | Training related travel  |           | 6,500     | 6,500             |
|  | 01294/Staff   | Ultrasound Certification -training related travel (multiple employees)                 | 6,500     |           |                   |
|  | 01368/TBD   | various: Witnessing tests, attending water industry events, presenting on MWD's behalf |           | 3,000     | 3,000             |
|  | 01375/OSM   | Travel for meetings.   |           | 3,000     | 3,000             |
|  | 0920/Lodging  | Lodging for various conferences/meetings   |           | 4,000     | 4,000             |
|  | 0920/Meals  | Meals for various conferences/meetings   |           | 700       | 700               |
|  | 0920/Meals  | Required travel: Meals   | 1,300     |           |                   |
|  | 0920/Mileage  | Mileage to travel to various conferences/meetings                                      |           | 1,400     | 1,400             |
|  | 0920/Transit  | Required travel: transportation/lodging  | 15,700    |           |                   |
|  | 0920/Transportation   | Airfare/Transportation/Fuel  |           | 5,600     | 5,600             |
|  | 1002/Variou   | Business related travel expenses   | 500       | 300       | 300               |
|  | 1003/TBD  | AWWA Annual Conference and Exposition  | 1,500     | 1,500     | 1,500             |
|  | 1003/TBD  | AWWA Bi-Annual Section Conference  | 2,000     | 2,000     | 2,000             |
|  | 1003/TBD  | CA Annual Water Reuse Association Conference   | 1,000     | 1,000     | 1,000             |
|  | 1003/TBD  | International Ozone Association (IOA) Annual Conference                                | 1,500     | 1,500     | 1,500             |
|  | 1003/TBD  | Per Diem MOU changes expected  | 9,000     |           |                   |
|  | 1004/Mileage  | Mileage reimbursement, toll charges, and other misc. travel expenses                   |           | 200       | 200               |
|  | 1004/Mileage  | Mileage, parking fees, misc. expenses  | 100       |           |                   |
|  | 1009/TBD  | Management meetings, including project updates, coordination, and budget               | 56,000    | 1,000     | 1,000             |
|  | 1010/Variou   | Perdiem for shutdown support, mileage, meal, metrolink and fastrak reimbursement.      | 1,000     | 1,000     | 1,000             |
|  | 1011/Variou   | Meals for travel   | 300       |           |                   |
|  | 1011/Variou   | Mileage for travel   | 200       |           |                   |
|  | 1011/Variou   | Perdiem to support shutdowns   | 6,000     | 3,000     | 3,000             |
|  | 1013/DesertRegionUnitTeam   | Credits for Meals and Lodging for InspectionTrips.                                     | (279,000) | (350,000) | (350,000)         |
|  | 1013/DesertRegionUnitTeam   | Unit Manager, Union Rep, and Unit"Team" travel- Meals and Lodging                      | 32,000    | 32,000    | 32,000            |
|  | 1014/AWWA   | Attend Annual Meeting or similar technical meeting                                     | 1,500     |           |                   |
| 1014/AWWA WQTC                                       | Attend AWWA Water Quality Technology Conference   | 1,500  | 800       | 800       |                   |
| 1014/Emergency Management/Water Quality Issues       | Coordination and technology exchange  | 1,000  | 1,000     | 1,000     |                   |
| 1014/Local travel                                    | Attend Metropolitan training, meetings, or site inspections within local region; local travel; field to Union Station travel                              | 500  | 500       | 500       |                   |
| 1014/National Grants Management Association Workshop | Travel to National Grants Management Association workshop   | 1,500  | 1,500     | 1,500     |                   |
| 1014/Quagga Mussel Control Program/Algae Management  | Travel for quagga mussel and algae management, includes travel to District facilities, desert lodging and meals; related to CRA and reservoir inspections | 3,000  | 1,500     | 1,500     |                   |

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| Template Type | Org/Vendor/Provider   | Description   | Budget | Proposed | Proposed Plus One |        |
|---------------|---|---|--------|----------|-------------------|--------|
| Travel        | 1014/Source Water Protection  | Source water protection related travel, such as DWR, MWQI, or CALMS meetings  | 1,500  | 1,500    | 1,500             |        |
|               | 1014/WateReuse  | Attend reuse related meeting  |        | 1,500    | 1,500             |        |
|               | 1015/AWWA Annual Conference   | Attend AWWA ACE   | 1,500  |          |                   |        |
|               | 1015/AWWA WQTC  | Attend AWWA Water Quality Technology Conference   | 1,500  | 800      | 800               |        |
|               | 1015/Cyanotoxins workshop/seminar   | Attend cyanotoxin workshop/seminar  | 300    |          |                   |        |
|               | 1015/Recycled water workshop/seminar  | Attend recycled water workshop/seminar  | 500    | 500      | 500               |        |
|               | 1015/Topical workshop/seminar   | Attend topical (cyanotoxin, nitrification, etc.) workshop/seminar   |        | 300      | 300               |        |
|               | 1015/WateReuse Association  | Attend Annual WateReuse Symposium   | 1,400  | 1,400    | 1,400             |        |
|               | 1015/WateReuse Foundation   | Attend WateReuse Foundation Research & Desalination Conference  | 1,000  | 1,000    | 1,000             |        |
|               | 1015/local travel   | includes Metrolink, mileage, FasTrack, and parking  |        | 200      | 200               |        |
|               | 1016/AWWA/Section conferences and workshops   | Attend AWWA conferences and workshops (management/staff)  |        | 1,400    | 1,400             |        |
|               | 1016/Gordon Research Conference   | Attend Gordon Research Conference   |        | 800      | 800               |        |
|               | 1016/Local Travel   | includes Metrolink, mileage, FasTrack, and parking  |        | 250      | 250               |        |
|               | 1016/Other Water Agency Association conference  | Attend California-section workshops/other training  |        | 750      | 750               |        |
|               | 1026/The Phylmar Group  | Travel to Phylmar Regulatory Roundtable Meetings in Northern California   |        |          | 2,000             | 2,000  |
|               | 1026/Variou   | Mileage for 2 employees (Clark, Kaufman)  |        |          | 1,000             | 1,000  |
|               | 1026/Variou   | Per Diem MOU increased costs  | 33,000 |          |                   |        |
|               | 1026/Variou   | Per Diem/All other Travel expenses  | 8,500  |          |                   |        |
|               | 1026/Variou   | Per Diem/Meals  | 34,000 |          |                   |        |
|               | 1026/Variou   | Per Diem/Mileage  | 500    |          |                   |        |
|               | 1026/Variou   | Regulatory meetings (AWWA, Water Board, Air Board and others as required)   |        |          | 5,000             | 5,000  |
|               | 1026/Variou   | Travel to various local meetings.   |        |          | 2,000             | 2,000  |
|               | 1031/Variou   | Mileage and per diem for O&M shutdowns, mileage for callouts and travel to training and meetings at other district locations. | 12,000 | 21,400   | 21,400            |        |
|               | 1032/Variou   | Meals for travel  | 300    | 100      | 100               |        |
|               | 1032/Variou   | Mileage for travel  | 200    | 200      | 200               |        |
|               | 1032/Variou   | Per Diem for scheduled Unit and out-of-area shutdowns   | 26,400 | 20,000   | 20,000            |        |
|               | 1037/Local Travel   | Travel expenses for staff, includes Metrolink, mileage, FasTrack, and parking   | 1,300  | 1,300    | 1,300             |        |
|               | 1042 /Desert Coatings Team  | Mileage/Per Diem  |        |          | 20,000            | 20,000 |
|               | 1042 /Desert Coatings Team  | Team manager and team member travel   | 20,000 |          |                   |        |
|               | 1165/Variou   | Per Diem/All other Travel expenses  | 2,000  | 10,000   | 10,000            |        |
|               | 1165/Variou   | Per Diem/Meals  | 1,000  | 1,000    | 1,000             |        |
|               | 1165/Variou   | Per Diem/Mileage  |        | 350      | 350               |        |
|               | 1167/Field travel   | Travel for meetings with Field Mgrs/Staff   | 500    | 300      | 300               |        |
|               | 1184/Staff  | Per diem for shutdowns and projects   | 25     |          |                   |        |
|               | 1184/Staff  | Reimbursement for meals - shutdowns & projects  | 175    |          |                   |        |
|               | 1184/Staff  | Travel expenses for shutdowns and projects  |        | 200      | 200               |        |
|               | 1186/Staff  | Per diem (other) for shutdowns & projects   | 300    |          |                   |        |
|               | 1186/Staff  | Reimbursement for mileage- shutdowns & projects   | 900    |          |                   |        |
|               | 1186/Staff  | Travel expenses for shutdowns & projects  |        | 3,500    | 3,500             |        |
|               | 1187/Staff  | Airfare   | 500    |          |                   |        |
|               | 1187/Staff  | Car Rental  | 700    |          |                   |        |
|               | 1187/Staff  | Lodging   | 6,200  |          |                   |        |
|               | 1187/Staff  | Meals   | 5,300  |          |                   |        |
|               | 1187/Staff  | Other Travel Expenses   | 500    |          |                   |        |
|               | 1187/Staff  | Per diem for shutdowns & projects   | 300    | 10,500   | 10,500            |        |
|               | 1187/Staff  | Pilot travel expenses   |        | 10,000   | 10,000            |        |
|               | 1188/Mileage  | Mileage reimbursement, toll charges, and other misc. travel expenses  |        | 100      | 100               |        |
| 1188/Mileage  | Mileage, parking fees & misc. expenses  | 100   |        |          |                   |        |
| 1191/Mileage  | Mileage reimbursement: call-backs   | 850   | 800    | 800      |                   |        |
| 1191/Mileage  | Mileage, parking fees, misc. expenses   | 150   | 200    | 200      |                   |        |
| 1208/Variou   | Mileage, meal and Metrolink reimbursement for travel to training and meetings off-site. | 800   | 800    | 800      |                   |        |

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## Water System Operations

| Template Type | Org/Vendor/Provider                           | Description  | Budget | Proposed | Proposed Plus One |
|---------------|---|--|--------|----------|-------------------|
| Travel        | 1209/Various                                  | Mileage and per diem for O&M shutdowns, mileage for callouts and travel to training and meetings at other district locations.  | 17,000 | 29,800   | 29,800            |
|               | 1211/Various                                  | Mileage and per diem for O&M shutdowns, mileage for callouts and travel to training and meetings at other district locations.  | 12,000 | 22,200   | 22,200            |
|               | 1212/Various                                  | Mileage and per diem for O&M shutdowns, mileage for callouts and travel to training and meetings at other district locations.  | 27,000 | 21,300   | 21,300            |
|               | 1213/Various                                  | Mileage and per diem for O&M shutdowns, mileage for callouts and travel to training and meetings at other district locations.  |        | 30,200   | 30,200            |
|               | 1215/Toll Roads                               | Fastrack Toll Road Devices   | 1,000  | 800      | 800               |
|               | 1215/Various                                  | Meals for travel   | 300    |          |                   |
|               | 1215/Various                                  | Mileage for travel   | 200    |          |                   |
|               | 1216/Various                                  | Meals for travel   | 300    | 200      | 200               |
|               | 1216/Various                                  | Mileage for travel   | 200    | 500      | 500               |
|               | 1216/Various                                  | Per Diems - Shutdown Support   | 20,600 | 17,000   | 17,000            |
|               | 1218/Various                                  | Meals for travel   | 300    | 200      | 200               |
|               | 1218/Various                                  | Mileage for travel   | 200    | 500      | 500               |
|               | 1218/Various                                  | Shutdown related   | 13,000 | 13,000   | 13,000            |
|               | 1219/Various                                  | Meals for travel   | 300    | 200      | 200               |
|               | 1219/Various                                  | Mileage for travel   | 200    | 500      | 500               |
|               | 1219/Various                                  | Per Diems For Shutdown Support In Other WRU Areas  | 21,200 | 21,200   | 21,200            |
|               | 1222/Business Support Team                    | Team Manager meetings and training   | 1,000  |          |                   |
|               | 1223/Aqueduct Maintenance Team                | Per Diem for road maintenance,desert Truck trip, and canal dragging.   | 65,000 |          |                   |
|               | 1225/PumpMaintenanceTeam                      | Team Manager meetings and committee participation  | 30,000 |          |                   |
|               | 1225/PumpMaintenanceTeam                      | Travel for training, meetings, and committee participation   |        | 30,000   | 30,000            |
|               | 1226/PowerlineMaintenanceTeam                 | Travel for out of area power line maintenance.   | 10,000 | 10,000   | 10,000            |
|               | 1227/ControlSystemsTeam                       | Anticipated out of area projects and committee participation.  | 15,000 | 15,000   | 15,000            |
|               | 1228/Gene&IntakeTeam                          | Travel for team manager rmeetings, training, and JATC.   | 35,000 | 35,000   | 35,000            |
|               | 1229/Iron Team                                | Per diem for AFSCME meetings.  | 30,000 |          |                   |
|               | 1229/Iron Team                                | Per diem for remote work, meetings, and training.  |        | 25,000   | 25,000            |
|               | 1231/FacilityServicesTeam                     | Per Diem, mileage, Metrolink, lodging to attend meetings.  | 2,000  |          |                   |
|               | 1231/FacilityServicesTeam                     | Travel for meetings and meal/lodging support down the line   |        | 6,000    | 6,000             |
|               | 1234/AWWA CA/NV                               | Attend CA/NV Conference or other local AWWA conference   | 600    | 800      | 800               |
|               | 1234/American Society for Microbiology        | Attend local ASM conference  | 100    | 100      | 100               |
|               | 1235/AWWA                                     | Attend AWWA CA/NV conference   |        | 600      | 600               |
|               | 1235/AWWA WQTC                                | Attend AWWA Water Quality Technology Conference  |        | 1,500    | 1,500             |
|               | 1235/Local Travel                             | Attend various local meetings, seminars, and workshops   |        | 200      | 200               |
|               | 1235/UNC Water Microbiology                   | Attend UNC/IWA Water Microbiology Conference   | 1,500  |          |                   |
|               | 1235/WateReuse/WRF                            | Attend WateReuse/WRF conference  |        | 1,200    | 1,200             |
|               | 1236/CALMS                                    | Attend California Lake Management Society conference   | 700    | 800      | 800               |
|               | 1236/Desert Chargebacks                       | Meals and lodging at desert facilities   | 1,500  | 1,500    | 1,500             |
|               | 1236/NALMS Conference                         | Attend North American Lake Management Society conference   | 2,000  | 2,000    | 2,000             |
|               | 1236/National society meeting                 | Attend national meeting on algal bloom management  | 2,500  | 2,500    | 2,500             |
|               | 1236/State or national society meeting        | Attend workshop on reservoir water-quality issues  | 800    | 700      | 700               |
|               | 1238/AWWA CA/NV                               | Attend AWWA CA/NV Conference   | 1,600  | 800      | 800               |
|               | 1238/American Backflow Prevention Association | Attend ABPA West Regional Conference   | 500    | 500      | 500               |
|               | 1238/Desert Chargebacks                       | Travel to desert facilities for backflow testing and MF unit servicing   |        | 800      | 800               |
|               | 1238/Desert Chargebacks                       | Travel to desret facilities for backflow testing and MF unit servicing   | 800    |          |                   |
|               | 1238/Local Travel                             | Mileage reimbursement, Metrolink, local travel   | 500    | 500      | 500               |
|               | 1239/AWWA ACE                                 | To attend AWWA CA/NV conference  | 800    |          |                   |
|               | 1239/AWWA ACE                                 | To attend AWWA annual conference   |        | 800      | 800               |
|               | 1239/AWWA CA/NV                               | Travel for AWWA CA/NV Conference (Fall and Spring)   |        | 800      | 800               |
|               | 1239/AWWA WQTC                                | Travel for AWWA Water Quality and Technology Conference  |        | 800      | 800               |
|               | 1239/Colorado River WQ Issues                 | Meetings with stakeholders on Colorado River remediation/protection programs, including perchlorate, uranium, and wastewater issues; Lower Colorado River WQ Partnership and Lake Mead Forum | 1,000  | 1,000    | 1,000             |
|               | 1239/Local travel                             | Travel to attend various local meetings, seminars, and workshops, etc  | 200    | 200      | 200               |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water System Operations

| Template Type     | Org/Vendor/Provider  | Description   | Budget | Proposed | Proposed Plus One |
|-------------------|--|---|--------|----------|-------------------|
| Travel            | 1239/SWP Source WQ Issues  | Meetings for MWQI Program and other Delta/SWP source water quality issues                             | 800    | 800      | 800               |
|                   | 1239/WateReuse Foundation  | To attend annual WateReuse conference/symposium   | 800    |          |                   |
|                   | 1241/Local travel  | Local travel for staff, e.g. Metrolink tickets, mileage reimbursement, and parking                    | 200    | 500      | 500               |
|                   | 1242/AWWA CA/NV  | Attend AWWA CA/NV conference  | 1,000  |          |                   |
|                   | 1242/AWWA CA/NV  | Attend AWWA CA/NV conference (Spring & Fall)  |        | 800      | 800               |
|                   | 1242/AWWA WQTC   | Attend AWWA Water Quality Technology Conference   | 1,600  | 800      | 800               |
|                   | 1242/American Society for Mass Spectrometry  | Attend ASMS conference  | 1,000  | 1,000    | 1,000             |
|                   | 1242/Association of California Water Agencies  | Attend ACWA Annual Conference   | 100    |          |                   |
|                   | 1242/Biological Treatment Symposium  | Attend Biological Treatment Symposium   | 300    | 300      | 300               |
|                   | 1242/Gordon Research Conference  | Attend Gordon Research Conference   | 500    | 900      | 900               |
|                   | 1242/Local Travel  | Travel to outside laboratories for training, includes Metrolink, business mileage, and parking        | 500    | 500      | 500               |
|                   | 1242/WateReuse Foundation  | Attend WateReuse California Annual Conference   | 800    | 800      | 800               |
|                   | 1242/WateReuse Research  | Attend WateReuse Research Conference  | 1,000  | 1,000    | 1,000             |
|                   | 1244/Local Travel  | Travel to attend local seminars and workshops, includes Metrolink, business mileage, and parking      | 800    | 1,000    | 1,000             |
|                   | 1262/Various Vendors   | Travel: Meals   | 1,500  | 1,500    | 1,500             |
|                   | 1262/Various Vendors   | Travel: Mileage (Apprentice/Staff)  | 38,500 | 38,500   | 38,500            |
|                   | 1262/Various vendors   | Apprentice Per Diem Travel expenses   | 90,000 | 90,000   | 90,000            |
|                   | 1267/Various   | Per Diem/All other Travel expenses  | 10,000 | 20,000   | 20,000            |
|                   | 1267/Various   | Per Diem/Meals expense  | 5,000  | 3,500    | 3,500             |
|                   | 1267/Various   | Per Diem/Mileage  |        | 700      | 700               |
|                   | 1268/OSHA Institute  | Local Travel including all travel expenses  | 1,500  | 1,500    | 1,500             |
|                   | 1268/Various   | Travel including transportation, and all other travel expenses  | 10,500 | 10,500   | 10,500            |
|                   | 1268/Various   | Travel: Meals   | 2,500  | 2,500    | 2,500             |
|                   | 1268/Various   | Travel: Mileage   | 2,000  | 2,000    | 2,000             |
|                   | 1269/Various vendors   | Travel: All other expenses  | 5,000  | 5,000    | 5,000             |
|                   | 1269/Various vendors   | Travel: Meals   | 3,000  | 3,000    | 3,000             |
|                   | 1269/Various vendors   | Travel: Mileage   | 2,000  | 2,000    | 2,000             |
|                   | 1270/Various Vendors   | Travel: Meals   | 250    | 500      | 500               |
|                   | 1270/Various Vendors   | Travel: Mileage   | 1,250  | 3,000    | 3,000             |
|                   | 1270/Various vendors   | Travel: Per diem & other expenses   | 1,000  |          |                   |
|                   | 1271/Mileage   | Mileage Reimbursement: Off-Site Training/Meetings   | 100    | 1,400    | 1,400             |
|                   | 1271/Mileage   | Mileage reimbursement: call backs   | 500    | 400      | 400               |
|                   | 1272/Mileage   | Mileage reimbursement: call-backs & off-site training or meetings                                     | 500    | 500      | 500               |
|                   | 1272/Per Diem  | Per diem for shutdown support   |        | 3,500    | 3,500             |
|                   | 1273/Mileage   | Mileage reimbursement: call-backs and off-site training or meetings                                   | 500    | 1,100    | 1,100             |
|                   | 1273/Per Diem  | Per-Diem for shutdowns  |        | 2,200    | 2,200             |
|                   | 1286/EagleTeam   | Travel required for training.   | 15,000 | 15,000   | 15,000            |
|                   | 1305/AWWA ACE  | AWWA ACE Annual Conference  | 1,000  |          |                   |
|                   | 1305/AWWA CA-NV  | Attend CA-NV conference (Fall & Spring; QA/QC)  |        | 1,000    | 3,000             |
|                   | 1305/ELAP  | ELAP related travel (QA/QC)   |        | 1,000    | 1,000             |
|                   | 1305/ELAP  | ELAP/TNI related travel   | 1,000  |          |                   |
|                   | 1305/ELAP Committee  | ELTAC meeting attendance (QA/QC)  |        | 150      | 150               |
|                   | 1305/Local Travel  | Local travel, including Metrolink, mileage, and other business related reimbursements                 | 100    | 300      | 300               |
|                   | 1305/NEMC  | Attend NEMC conference (QA/QC)  |        | 4,500    | 3,000             |
|                   | 1305/QA/QC related training  | Travel for EPA QA/QC related training, e.g., TNI, Association of Laboratory Accreditation, ACIL, AWWA | 3,800  |          |                   |
| 1369/AWWA         | Attend AWWA CA/NV conference (Spring & Fall)   |   | 2,000  | 2,000    |                   |
| 1369/AWWA WQTC    | Attend AWWA Water Quality Technology Conference  |   | 1,200  | 1,200    |                   |
| 1369/ELAP/SWRCB   | Travel to relevant seminars to comply with TNI standards                                       |   | 1,000  | 1,000    |                   |
| 1369/Local Travel | Travel to outside laboratories for training, includes Metrolink, business mileage, and parking |   | 500    | 500      |                   |
| 1370/Local Travel | Travel expenses for staff, includes Metrolink, mileage, and parking                            |   | 500    | 500      |                   |
| AWWA ACE          | Attend AWWA Annual Conference  |   | 1,150  |          |                   |

# Metropolitan Water District of Southern California

Templates Report by Organization Detail

Grouped By – Group

Filtered By – No Orgs

Version 1

Memberships, Outside Services - Non Prof, Professional Services, Repairs & Maintenance - Outside Services, Sponsorships, Training, Travel

## Water System Operations

| Template Type                        | Org/Vendor/Provider                      | Description   | Budget            | Proposed          | Proposed Plus One |
|--------------------------------------|--|---|-------------------|-------------------|-------------------|
| Travel                               | AWWA CA/NV                               | Attend AWWA CA/NV conferences   | 900               |                   |                   |
|                                      | AWWA WQTC                                | Attend AWWA Water Quality Technology Conference   | 3,300             |                   |                   |
|                                      | Association of California Water Agencies | Attend ACWA Annual Conference   | 200               |                   |                   |
|                                      | Gordon Research Conference               | Attend Gordon Research Conference   | 500               |                   |                   |
|                                      | Local Travel                             | Travel to attend various local meetings, seminars, and workshops  | 200               |                   |                   |
|                                      | Mileage/Per Diem                         | Travel for manager/staff for meetings and/or training   |                   | 3,000             | 3,000             |
|                                      | Various employees                        | "WECC Compliance Users Group, SWC/DWR Energy Committee, Western Area Power Administration, WECC Planning Coordination Committee, So. Cal. Utility Transmission Owners Group, and Las Vegas Hoover Engineering & Operations Committee, etc." | 45,000            | 45,000            | 45,000            |
|                                      | WERF                                     | Attend annual conference  | 800               |                   |                   |
|                                      | WERF                                     | Attend research conference  | 800               |                   |                   |
| <b>Total Travel</b>                  |  |   | <b>870,500</b>    | <b>789,160</b>    | <b>789,660</b>    |
| <b>Total Water System Operations</b> |  |   | <b>12,342,519</b> | <b>12,567,222</b> | <b>13,268,318</b> |