



## ● Annual Report of Professional Services Agreements for Fiscal Year 2018-19

### Summary

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The Annual Report of Professional Services Agreements for FY 2018/19 is submitted in this report.

### Purpose

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Metropolitan Water District Administrative Code Sections 2700 and 2720: General Manager’s Annual and Quarterly Reports

### Attachments

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The exhibits list agreements administered by the Office of the General Manager that were recorded as active during FY 2018/19. Under each exhibit, the agreements are listed alphabetically by the administering organization. Exhibit A lists active agreements that are \$250,000 and under. Exhibit B lists active agreements that are over \$250,000. Exhibit C lists agreements terminated.

### Detailed Report

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The amount expended on professional services during FY 2018/19 totaled \$69.7 million. Of the 486 active agreements, 121 were terminated during FY 2018/19.

A summary of each exhibit is provided in the following table.

Exhibit	Agreement Value/Status	Number of Agreements	Number of Agreements with Fiscal Year-to-Date Expenditures	Fiscal Year-to-Date Expenditures
A	≤250K	297	226	\$13,183,665
B	>250K	68	63	\$51,818,557
C	Terminated	121	75	\$4,726,083
	<b>TOTAL</b>	<b>486</b>	<b>364</b>	<b>\$69,728,305</b>

The Legal Department’s expenditures during FY 2018/19 totaled \$1,847,785 with 132 active agreements and 12 agreements terminated. For confidentiality purposes, the Legal Department reports these agreements separately.

Professional services contracts must be awarded on the basis of demonstrated competence and the qualifications necessary for the satisfactory performance of the services required and are routinely obtained through a competitive process. Contracts not made as a result of competition are awarded in compliance with the applicable sections of Administrative Code 8140.



## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit A)

**All Active Agreements \$250,000 and Under  
From 01-JUL-2018 To 30-JUN-2019**

Consultant Name	Agreement Number	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
APPLIED EARTHWORKS, INC.	168180	Chief Administrative Officer	To provide on-call environmental services for cultural resources management. RFQ 1143	\$175,000	Y	\$190
ASCENT ENVIRONMENTAL, INC.	186777	Chief Administrative Officer	To provide trails plan support services for land adjacent to and between Diamond Valley Lake, Lake Skinner, and the Southwestern Riverside County Multi-Species Reserve. RFQ 1143	\$245,000	N	\$0
ASPEN ENVIRONMENTAL GROUP	181022	Chief Administrative Officer	To perform environmental monitoring services during construction of the 2.4kV Intake Powerline Replacement Project. RFQ 1143	\$150,000	N	\$38,141
ASPEN ENVIRONMENTAL GROUP	168187	Chief Administrative Officer	To provide on-call environmental services for biological resources management, regulatory permitting and guidance, and environmental planning. RFQ 1143	\$200,000	Y	\$99,917
ASPEN ENVIRONMENTAL GROUP	187928	Chief Administrative Officer	To provide environmental monitoring services for desert tortoises and other sensitive resources during urgent repairs of the CRA and surrounding areas. RFQ 1143	\$230,000	N	\$0
BUNKER, ROBERT J.	180782	Chief Administrative Officer	To provide security consulting services.	\$49,999	N	\$26,984
DUDEK	186052	Chief Administrative Officer	To provide an Unarmored Threespine Stickleback and Upper Santa Clarita River Watershed Management Plan. RFQ 1143	\$243,000	N	\$0
DUDEK	180575	Chief Administrative Officer	To provide on-call environmental services for biological resources management, regulatory permitting and guidance, and environmental planning. RFQ 1143	\$240,000	Y	\$0
ENVIRONMENTAL INTELLIGENCE, LLC	168179	Chief Administrative Officer	To provide on-call environmental services for biological resources management and regulatory permitting and guidance. RFQ 1143	\$175,000	Y	\$2,965
GAWAIN WEAVER ART CONSERVATION	179626	Chief Administrative Officer	To provide consulting services on preservation and storage of photographic materials.	\$3,000	N	\$75

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GLENN LUKOS ASSOCIATES, INC.	168182	Chief Administrative Officer	To provide on-call environmental services for regulatory permitting and guidance. RFQ 1143	\$200,000	Y	\$9,444
HELIX ENVIRONMENTAL PLANNING, INC.	168184	Chief Administrative Officer	To provide on-call environmental services for biological resources management, cultural resources management, regulatory permitting and guidance, and environmental planning. RFQ 1143	\$240,000	Y	\$2,582
HELIX ENVIRONMENTAL PLANNING, INC.	167249	Chief Administrative Officer	To provide environmental planning support services for the Orange County Feeder Relining Project. RFQ 1048	\$240,000	N	\$55,699
PSOMAS	168186	Chief Administrative Officer	To provide on-call environmental services for biological resources management, regulatory permitting and guidance, and environmental planning. RFQ 1143	\$200,000	Y	\$776
RINCON CONSULTANTS, INC.	153910	Chief Administrative Officer	To provide environmental support and implementation of the Mitigation Monitoring Reporting Program for upgrade and improvement projects for the Weymouth Water Treatment Plant. RFQ 1048	\$240,000	N	\$166,583
RINCON CONSULTANTS, INC.	168185	Chief Administrative Officer	To provide on-call environmental services for biological resources management, cultural resources management, regulatory permitting and guidance, and environmental planning. RFQ 1143	\$240,000	Y	\$125,260
RIVERSIDE COUNTY HABITAT CONS AGCY	130804	Chief Administrative Officer	To provide management services for the Lake Mathews Multi-Species Reserve.	\$200,000	Y	\$73,518
ROBERT HALF INTERNATIONAL, INC.	183442	Chief Administrative Officer	To provide temporary staffing resources to assist with procurement and contracting services.	\$249,999	N	\$180,587
SOCAL BIO ENVIRONMENTAL ASSOCIATES LLC	168178	Chief Administrative Officer	To provide on-call environmental services for biological resources management. RFQ 1143	\$225,000	Y	\$105,480
SUMMERS ASSOCIATES, LLC	170459	Chief Administrative Officer	To provide a physical security assessment report for Metropolitan's headquarters building to help mitigate security risks facing Metropolitan.	\$24,000	N	\$4,725

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SWCA INC. ENVIRONMENTAL CONSULTANTS	168181	Chief Administrative Officer	To provide on-call environmental services for biological resources management, cultural resources management, regulatory permitting and guidance, and environmental planning. RFQ 1143	\$175,000	Y	\$12,349
TIERRA DATA, INC.	168183	Chief Administrative Officer	To provide on-call environmental services for biological resources management, regulatory permitting and guidance, and environmental planning. RFQ 1143	\$200,000	Y	\$1,611
TOPDEVZ, LLC	187151	Chief Administrative Officer	To provide an assessment of Metropolitan's board process and software.	\$18,400	N	\$9,200
WAGNER BIOLOGICAL CONSULTING	168177	Chief Administrative Officer	To provide on-call environmental services for biological resources management. RFQ 1143	\$175,000	Y	\$85,520
ALLIANT INSURANCE SERVICES, INC.	167924	Chief Financial Officer	To provide insurance brokerage services. RFP 1146	\$150,000	Y	\$0
AON GLOBAL RISK CONSULTING	159513	Chief Financial Officer	To provide actuarial analysis to determine the adequacy of reserves for Metropolitan's workers compensation and liability claims programs.	\$54,000	N	\$25,500
BARTEL ASSOCIATES, LLC	60899	Chief Financial Officer	To provide actuarial services for Metropolitan's retiree healthcare obligations.	\$249,000	N	\$245,350
BARTEL ASSOCIATES, LLC	186644	Chief Financial Officer	To provide actuarial services for Metropolitan's pension and retiree healthcare obligations.	\$60,000	Y	\$0
HAZELRIGG CLAIMS MANAGEMENT SERVICES	168260	Chief Financial Officer	To provide third party administrator services for Metropolitan's self-insured liability and property claims program. RFP 1147	\$125,000	Y	\$43,752

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MEKETA INVESTMENT GROUP, INC.	97652	Chief Financial Officer	To provide analysis related to the performance of Metropolitan's portfolio managers.	\$80,000	Y	\$0
PFM ASSET MANAGEMENT, LLC	184859	Chief Financial Officer	To provide financial management services for Metropolitan's short-term portfolio.	\$245,000	N	\$129,980
RAFTELIS FINANCIAL CONSULTANTS, INC.	183028	Chief Financial Officer	To provide California WaterFix cost of service analysis.	\$150,000	N	\$13,155
RAFTELIS FINANCIAL CONSULTANTS, INC.	176526	Chief Financial Officer	To provide financial consulting services in support of Metropolitan's rate process.	\$100,000	N	\$47,467
SHOGREN CAREERS	125992	Chief Financial Officer	To provide assistance with managing, coordinating and moving to closure workers' compensation claims from the Owner Controlled Insurance Program for Diamond Valley Lake and Inland Feeder Construction Projects.	\$15,000	Y	\$0
SWAP FINANCIAL GROUP, LLC	70947	Chief Financial Officer	To provide financial services on Metropolitan's interest rate swap program. RFQ 740	\$240,000	Y	\$0
WATERDM	182165	Chief Financial Officer	To provide a demand management cost allocation study.	\$150,000	N	\$114,183
WILLDAN FINANCIAL SERVICES	151045	Chief Financial Officer	To administer Metropolitan's Water Standby Charge Program. RFP 1074	\$198,000	Y	\$19,683
ABSG CONSULTING, INC.	142568	Engineering Services Group	To provide on-call structural engineering services for seismic evaluation and design. RFQ 1012	\$245,000	Y	\$5,869
ATKINS NORTH AMERICA, INC	161820	Engineering Services Group	To provide on-call inundation mapping services. RFQ 1093	\$245,000	Y	\$52,885
AURORA INDUSTRIAL HYGIENE, INC.	150564	Engineering Services Group	To provide on-call industrial hygiene and hazardous material testing services. RFQ 1011	\$245,000	Y	\$3,974

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BENTLEY SYSTEMS, INC.	187552	Engineering Services Group	To provide upgrades to Metropolitan's current OpenPlant Piping and Instrumentation Diagram and OpenPlant Modeler systems.	\$47,200	N	\$0
BLACK & VEATCH CORPORATION	140028	Engineering Services Group	To provide on-call engineering services for water treatment facilities, conveyance and distribution facilities, and large rotating equipment. RFQ 1032	\$245,000	Y	\$220,474
BUREAU VERITAS NORTH AMERICA, INC.	159171	Engineering Services Group	To provide on-call fabrication inspection of Metropolitan materials and equipment. RFQ 1121	\$200,000	Y	\$12,938
CAL POLY POMONA FOUNDATION, INC.	102141	Engineering Services Group	To provide a student intern program for students majoring in engineering, natural science, and business.	\$245,000	Y	\$165,242
CAMERON-COLE, LLC	156612	Engineering Services Group	To provide independent greenhouse gas emissions inventory verification for daily reporting to the Climate Registry and the California Air Resources Board. RFP 1101	\$120,000	N	\$46,303
CHAMIEH CONSULTING & INDUSTRIAL GROUP, INC.	161616	Engineering Services Group	To provide engineering services for large rotating equipment. (Former Employee)	\$218,000	N	\$74,462
CLARK SEIF CLARK, INC.	150563	Engineering Services Group	To provide on-call industrial hygiene and hazardous material testing services. RFQ 1011	\$245,000	Y	\$10,825
COWI NORTH AMERICA, INC.	187440	Engineering Services Group	To provide assistance with the design package and technical support for the Gene Wash Reservoir Project.	\$48,000	N	\$13,610
F.J.S. CABLE ENGINEERING, INC.	184970	Engineering Services Group	To provide permit-ready drawings for the installation of corrosion control equipment.	\$49,999	N	\$0
FUGRO USA LAND, INC.	177517	Engineering Services Group	To provide on-call geotechnical consulting services. RFQ 1134	\$240,000	Y	\$1,295
GEOPENTECH, INC.	168725	Engineering Services Group	To provide on-call geotechnical consulting services. RFQ 1134	\$240,000	Y	\$41,165

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GEOPENTECH, INC.	176815	Engineering Services Group	To provide geotechnical consulting services for seismic upgrade of Whitewater Tunnel No. 2. RFQ 1134	\$242,000	N	\$212,156
HAZEN AND SAWYER	173311	Engineering Services Group	To provide on-call engineering services for water treatment facilities and conveyance, storage, and distribution facilities. RFQ 1131	\$240,000	Y	\$13,940
HDR ENGINEERING, INC	181496	Engineering Services Group	To provide engineering technical support for replacement of the Intake Pumping Plant 2.4kV powerline during construction. RFQ 1131	\$140,000	N	\$28,113
HDR ENGINEERING, INC.	181096	Engineering Services Group	To provide engineering technical support for replacement of uninterrupted power supply systems for Colorado River Aqueduct pumping plants during construction. RFQ 1131	\$145,000	N	\$61,392
HDR ENGINEERING, INC.	183204	Engineering Services Group	To provide technical support during the construction of the cathodic protection system for the Orange County Feeder Project. RFQ 1131	\$55,000	N	\$4,791
HMC ARCHITECTS	183098	Engineering Services Group	To provide on-call architectural and interior design services. RFQ 1182	\$247,000	Y	\$24,973
IBI GROUP	139755	Engineering Services Group	To provide on-call architectural, engineering, landscape design and sustainability services. RFQ 1040	\$245,000	Y	\$30,162
IDS GROUP, INC.	151351	Engineering Services Group	To provide on-call structural engineering services for seismic evaluations, including final design and construction support for the Santa Ana River Crossing Seismic Upgrade Project. RFP 1012	\$80,000	Y	\$0
JACOBS PROJECT MANAGEMENT CO.	178632	Engineering Services Group	To provide on-site special construction inspection services for the Orange County Region Service Center. RFQ 1077	\$200,000	N	\$0
KENNEDY/JENKS CONSULTANTS, INC.	145994	Engineering Services Group	To provide on-call engineering services for Metropolitan's conveyance, storage, and distribution facilities. RFQ 1032	\$249,000	Y	\$63,107

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KLEINFELDER, INC.	168729	Engineering Services Group	To provide on-call geotechnical consulting services. RFQ 1134	\$240,000	Y	\$8,673
LA CANADA DESIGN GROUP, INC.	183099	Engineering Services Group	To provide on-call architectural consulting services. RFQ 1182	\$247,000	Y	\$10,491
MCMILLEN JACOBS ASSOCIATES	173875	Engineering Services Group	To provide on-call tunnel design services. RFQ 1134	\$240,000	Y	\$9,626
MCMILLEN, LLC	180202	Engineering Services Group	To provide on-call inundation mapping consulting services. RFQ 1093	\$245,000	Y	\$0
MEAD AND HUNT INC.	161821	Engineering Services Group	To provide on-call hydraulic modeling services. RFQ 1093	\$245,000	Y	\$13,700
MWA ARCHITECTS, INC.	183100	Engineering Services Group	To provide on-call architectural consulting services. RFQ 1182	\$247,000	Y	\$0
NORTHWEST HYDRAULIC CONSULTANTS, INC.	177908	Engineering Services Group	To provide on-call hydraulic technical services for surge, hydrology, flood routing, and scour studies. RFQ 1163	\$245,000	Y	\$12,301
PACIFIC ADVANCED CIVIL ENGINEERING, INC.	177910	Engineering Services Group	To provide on-call hydraulic technical services for hydrology, flood routing, and scour studies. RFQ 1163	\$150,000	Y	\$0
PURE TECHNOLOGIES US INC.	179989	Engineering Services Group	To provide on-call inspection services for non-Prestressed Concrete Cylinder Pipe and metal pipelines. RFQ 1140	\$245,000	Y	\$13,000
PURE TECHNOLOGIES US INC.	187748	Engineering Services Group	To provide pipeline inspection services for non-Prestressed Concrete Cylinder Pipe and metallic pipelines for the Santa Monica Feeder. RFP 1140	\$200,000	N	\$71,629
QUEST STRUCTURES, INC.	184325	Engineering Services Group	To provide independent engineering peer review of Lake Skinner Outlet Tower Seismic Assessment.	\$40,000	N	\$0

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RHA, LLC	167013	Engineering Services Group	To provide on-call value engineering, meeting facilitation, and technical engineering services. RFQ 1139	\$240,000	Y	\$0
SCOTT FOSTER ENGINEERING, INC.	177909	Engineering Services Group	To provide on-call hydraulic technical services for surge studies. RFQ 1163	\$150,000	Y	\$0
SMITH-EMERY LABORATORIES, INC.	177281	Engineering Services Group	To provide American Society for Non-Destructive Testing Level III Non-Destructive Evaluation/Testing services. RFQ 1151A	\$100,000	N	\$23,000
STANTEC CONSULTING SERVICES INC.	187478	Engineering Services Group	To provide engineering services to support Metropolitan's Energy Sustainability Plan. RFQ 1131	\$200,000	N	\$0
STRATEGIC VALUE SOLUTIONS, INC.	167014	Engineering Services Group	To provide on-call value engineering, meeting facilitation, and technical engineering services. RFQ 1139	\$240,000	Y	\$0
TECHNICAL GLOBE COMPANY	187749	Engineering Services Group	To provide an independent review of Metropolitan's ongoing fire alarm and smoke control system replacement project at Metropolitan's headquarters facility.	\$73,000	N	\$35,135
TETRA TECH, INC.	165261	Engineering Services Group	To provide on-call inundation mapping services. RFQ 1093	\$245,000	Y	\$0
VALUE MANAGEMENT STRATEGIES, INC.	167015	Engineering Services Group	To provide on-call value engineering, meeting facilitation, and technical engineering services. RFQ 1139	\$240,000	Y	\$21,737
WEST CONSULTANTS, INC.	170947	Engineering Services Group	To provide on-call inundation mapping services. RFQ 1093	\$245,000	Y	\$7,278
ALLIANCE OUTREACH, LLC	188874	External Affairs	To provide public outreach support services for Second Lower Feeder Reach 2 project. RFQ 1183	\$150,000	N	\$0
ARCADIS U.S., INC.	185473	External Affairs	To provide an assessment of Metropolitan's Innovation Program.	\$74,999	N	\$66,000

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ATTORE AND ASSOCIATES, LLC	186512	External Affairs	To provide strategic advice and assistance in advancing Metropolitan's imported and regional water management and policy objectives.	\$96,000	Y	\$22,500
CALIFORNIA COUNCIL ON ECONOMIC EDUCATION	179708	External Affairs	To provide teacher training workshops and curriculum development for water economics.	\$15,000	N	\$0
CALIFORNIA NATIVE PLANT SOCIETY	183958	External Affairs	To provide strategic advice and resources related to California native plants and water conservation.	\$27,850	N	\$2,745
CAPITOL ADVOCACY, LLC	168831	External Affairs	To provide legislative consulting services advancing Metropolitan's state policy priorities and objectives.	\$185,000	Y	\$120,000
CENTRAL COUNTY UNITED WAY	173436	External Affairs	To administer the Diamond Valley Lake volunteer docent program.	\$40,000	N	\$29,292
CIRCLEPOINT	185167	External Affairs	To provide public outreach support services for the Orange County Feeder lining replacement project. RFQ 1183	\$120,000	N	\$68,134
DAKOTA COMMUNICATIONS	183998	External Affairs	To provide public outreach support services for the Second Lower Feeder relining project. RFQ 1183	\$74,500	N	\$19,711
ESTOLANO LESAR PEREZ ADVISORS LLC	179482	External Affairs	To provide strategic advice and assistance in advancing Metropolitan's state water management and policy objectives.	\$130,000	Y	\$50,000
G-CUBE SOLUTIONS, INC.	179656	External Affairs	To provide a water economics training module.	\$7,722	N	\$3,861
HYDROFOCUS, INC.	179747	External Affairs	To provide Bay-Delta related public outreach support services.	\$150,000	N	\$75,181
ISLE, INC.	186416	External Affairs	To provide innovation and technology outreach support services.	\$74,999	Y	\$37,500

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JGC GOVERNMENT RELATIONS, INC.	174395	External Affairs	To provide legislative consulting services advancing Metropolitan's state policy priorities and objectives.	\$190,000	Y	\$165,810
JMS / JAMES MUSIC SYNDICATE	161579	External Affairs	To provide on-call videography and production services.	\$35,000	Y	\$3,825
KADESH & ASSOCIATES, LLC	170525	External Affairs	To provide legislative consulting services advancing Metropolitan's federal policy priorities and objectives.	\$160,000	Y	\$75,000
LOS TOONS	179758	External Affairs	To provide a comic book describing water-conserving California native plants.	\$16,000	N	\$6,000
LUX VIRTUAL LLC	179483	External Affairs	To provide a virtual tour of the California State Water Project.	\$163,255	N	\$135,000
MANATT, PHELPS & PHILLIPS, LLP	174974	External Affairs	To provide strategic advice and assistance in advancing Metropolitan's state water management and policy objectives.	\$245,000	N	\$220,000
MIKE ROOS AND COMPANY	178647	External Affairs	To provide strategic advice and assistance in advancing Metropolitan's state water management and policy objectives.	\$130,000	Y	\$70,000
MONTEREY DIGITAL	161823	External Affairs	To provide on-call videography and production services.	\$10,000	Y	\$0
OCCIDENTAL COLLEGE	183678	External Affairs	To provide solar boat technical advisory services.	\$49,999	N	\$49,999
OPINION DYNAMICS CORPORATION	184770	External Affairs	To provide a research plan for Metropolitan campaigns on water issues and conservation.	\$168,804	N	\$72,492
PELOTE STRATEGIC CONSULTING & ADVOCACY	180654	External Affairs	To provide legislative consulting services advancing Metropolitan's state policies and objectives.	\$190,000	Y	\$165,000

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RESPONSIBLE SOLUTIONS, LLC	183378	External Affairs	To provide government relations and public outreach consulting services for the San Diego region.	\$90,000	N	\$56,000
RICHARD KATZ CONSULTING, INC.	172141	External Affairs	To provide strategic advice and assistance in advancing Metropolitan's state water management and policy objectives.	\$190,000	Y	\$10,000
SLOAT HIGGINS JENSEN & ASSOCIATES, LLC	168832	External Affairs	To provide legislative consulting services advancing Metropolitan's state policy priorities and objectives.	\$185,000	Y	\$120,000
SOUTHERN CALIFORNIA WATER COMMITTEE	186839	External Affairs	To advise Metropolitan on outreach and messaging regarding California WaterFix.	\$75,000	N	\$60,000
STUDIO-MLA	179757	External Affairs	To provide concept designs for water-efficient school yards.	\$15,000	N	\$15,000
SUSTAINABLE STRATEGIES, LLC	186789	External Affairs	To advise Metropolitan on water policy related to national, regional, and local issues.	\$140,000	N	\$30,700
THE BAYLIS GROUP, LLC	182674	External Affairs	To provide strategic advice and assistance in advancing Metropolitan's state water management and policy objectives.	\$100,000	N	\$75,000
THE SPORTFISHING CONSERVANCY	182845	External Affairs	To provide outreach strategies and materials for the Southern California bass fishing community.	\$25,000	N	\$25,000
THE TAG NETWORK	185155	External Affairs	To develop an interactive digital media campaign for the Orange County Feeder improvement project.	\$21,490	N	\$4,998
VAN NESS FELDMAN, LLP	179489	External Affairs	To provide strategic government relations and federal advocacy services.	\$130,000	Y	\$70,000
WONNACOTT STRATEGIES LLC	185696	External Affairs	To provide social media consulting services.	\$74,999	N	\$18,405

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit A)

**All Active Agreements \$250,000 and Under  
From 01-JUL-2018 To 30-JUN-2019**

Consultant Name	Agreement Number	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
BAROMEDICAL PHYSICIAN ASSOCIATES	173123	Human Resources Group	To provide as-needed medical examination services for Metropolitan's dive staff.	\$10,000	Y	\$0
BIDDLE CONSULTING GROUP, INC.	175509	Human Resources Group	To develop nondiscrimination plans required by the State of California.	\$40,000	N	\$14,375
BIDDLE CONSULTING GROUP, INC.	185395	Human Resources Group	To develop and validate work sample test for Operations and Maintenance Technician IV job classification for electrical and mechanical positions.	\$19,000	N	\$0
BIDDLE CONSULTING GROUP, INC.	178492	Human Resources Group	To perform job analysis and develop written tests for Metropolitan job classifications.	\$15,000	N	\$2,227
CA SHORT COMPANY	158781	Human Resources Group	To support Metropolitan's Employee Service Awards Program and provide an online company store for marketing and promotional products. RFP 1103	\$245,000	Y	\$15,648
CALIFORNIA CLAIMS MANAGEMENT SERVICES, INC.	145414	Human Resources Group	To provide third party claims administration of Metropolitan's Workers Compensation Claims Program. RFP 1061	\$150,000	Y	\$124,916
CEGID CORPORATION	136179	Human Resources Group	To provide applicant tracking services for job recruitment activities.	\$180,000	Y	\$11,250
COLLEGE OF EXECUTIVE COACHING	168148	Human Resources Group	To provide on-call coaching, training and organizational development services.	\$49,000	Y	\$0
COMMUNICATION DEVELOPMENT ASSOCIATES, INC.	180572	Human Resources Group	To provide coaching and professional development services to executive management.	\$49,500	N	\$6,000
CORPORATE CULTURE DEVELOPMENT	177390	Human Resources Group	To provide communication training.	\$49,500	N	\$34,460

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ENVISION THIS!	185300	Human Resources Group	To provide coaching, training and organizational development services.	\$49,500	N	\$4,525
FINANCIAL FINESSE, INC.	171880	Human Resources Group	To provide financial planning and educational services for Metropolitan's employees.	\$74,999	N	\$0
GLENDALE ADVENTIST OCCUP. MEDICINE CENTER	151214	Human Resources Group	To provide as-needed occupational medical and mobile clinic services for Metropolitan staff. RFP 1083	\$165,000	Y	\$33,962
HARTLEY, JEANNE	179910	Human Resources Group	To provide coaching, training and organizational development services.	\$49,999	N	\$6,000
HEALTHPOINTE MEDICAL GROUP, INC.	177398	Human Resources Group	To provide as-needed occupational medical services for Metropolitan staff.	\$45,000	N	\$18,313
HYAS GROUP, LLC	175135	Human Resources Group	To provide advisory services for Metropolitan's 401(k) and 457 deferred compensation plans.	\$49,999	Y	\$0
KORN/FERRY INT'L FUTURESTEP, INC.	183972	Human Resources Group	To provide recruitment and placement services for Metropolitan's Principal Legislative Representative.	\$70,000	N	\$0
KORN/FERRY INT'L FUTURESTEP, INC.	182571	Human Resources Group	To provide recruitment and placement services for Metropolitan's Executive Legislative Representative.	\$100,000	N	\$82,500
KORN/FERRY INTERNATIONAL	183971	Human Resources Group	To provide recruitment and placement services for Metropolitan's Ethics Officer.	\$123,000	N	\$111,380
KORN/FERRY INTERNATIONAL	182758	Human Resources Group	To provide recruitment and placement services for Metropolitan's Chief Financial Officer.	\$135,000	N	\$110,000
LA PAZ REGIONAL HOSPITAL, INC	164437	Human Resources Group	To provide as-needed occupational medical services for Metropolitan staff.	\$24,000	N	\$5,623

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MANAGED HEALTH NETWORK	172044	Human Resources Group	To provide employee assistance program services.	\$49,999	Y	\$8,198
MIRVIS, KENNETH	145108	Human Resources Group	To provide business and technical writing skills training.	\$24,999	Y	\$9,150
MLE CONSULTING, INC.	173956	Human Resources Group	To provide executive leadership consulting services.	\$205,000	N	\$133,550
MOMENTS OF FOCUS LLC	184614	Human Resources Group	To provide on-call professional development training.	\$25,000	Y	\$6,900
NATIONAL SAFETY COMPLIANCE, INC.	168018	Human Resources Group	To provide as-needed drug testing services required by the State of California Department of Transportation.	\$15,000	Y	\$2,017
POV COLLABORATIVE, INC.	185713	Human Resources Group	To provide strategic advice on organizational development, leadership, and coaching.	\$20,400	N	\$5,100
PREMIER FAMILY MEDICINE ASSOCIATES, INC.	187131	Human Resources Group	To provide occupational medicine clinical services.	\$45,000	N	\$1,294
PRINCE & PHELPS CONSULTANTS	149674	Human Resources Group	To provide threat assessment and intervention services to address conflict in the workplace.	\$24,900	N	\$13,600
RANDALL, MD, M.C.	151213	Human Resources Group	To provide as-needed occupational medical services for Metropolitan staff. RFQ 1084	\$50,000	Y	\$14,400
RUIZ, CYNTHIA M.	174444	Human Resources Group	To provide on-call coaching, training and organizational development services.	\$25,000	Y	\$0
SAN DIEGO HUMAN RESOURCES CONSULTING, INC.	176339	Human Resources Group	To provide on-call professional development training.	\$25,000	Y	\$900

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SHARED VALUES ASSOCIATES	175214	Human Resources Group	To provide on-call coaching, training and organizational development services.	\$49,999	Y	\$8,070
SHAW HR CONSULTING INC.	179866	Human Resources Group	To provide training on disability accomodation and coordination of the disability interactive process.	\$74,999	Y	\$0
TASK AT HAND CONSULTING, LLC	169906	Human Resources Group	To provide on-call coaching, training and organizational development services.	\$24,800	Y	\$0
THE PRAXIS GROUP	169715	Human Resources Group	To provide on-call coaching, training and organizational development services.	\$49,000	Y	\$1,200
TRUE SYNERGY, INC.	187152	Human Resources Group	To provide professional leadership training services.	\$24,800	N	\$0
WIMER ASSOCIATES	176869	Human Resources Group	To provide on-call coaching, training and organizational development services.	\$49,000	Y	\$1,725
WORKTALK COMMUNICATIONS CONSULTING, LLC	141255	Human Resources Group	To provide business and technical writing skills training.	\$24,999	Y	\$11,888
22ND CENTURY TECHNOLOGIES, INC.	181190	Information Technology Group	To provide on-call project management services for information technology infrastructure and cybersecurity projects. RFQ 1112	\$249,000	Y	\$174,809
AGILE IT, INC.	170461	Information Technology Group	To provide on-call technical support for Microsoft Government Cloud Tenant Migration.	\$74,999	Y	\$0
APPLICATION SOFTWARE TECHNOLOGY LLC	152697	Information Technology Group	To provide on-call technical support for the Oracle Enterprise Business Suite. RFQ 1088	\$200,000	Y	\$75,000
ASSET PARTNERS INC.	182516	Information Technology Group	To provide technical support for Maximo 7.6 upgrade.	\$73,000	N	\$0

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CGR MANAGEMENT CONSULTANTS LLC	164881	Information Technology Group	To provide on-call information technology project management and project control services. RFQ 1112	\$49,000	Y	\$0
CHIU, JOSEPH S.	189125	Information Technology Group	For network, security engineering, and design support services.	\$74,999	N	\$0
ECI SOFTWARE SOLUTIONS, INC.	149411	Information Technology Group	To implement shop management software for Metropolitan's Manufacturing Services Unit. RFP 1068	\$70,000	N	\$9,360
GOLDEN STAR TECHNOLOGY, INC.	184987	Information Technology Group	To provide information technology services for Metropolitan Headquarters building improvements.	\$49,999	N	\$0
MARENGO SYSTEMS, INC	173388	Information Technology Group	To upgrade cybersecurity to reduce security risk to Metropolitan's business and SCADA systems data.	\$249,000	N	\$194,978
ORACLE AMERICA, INC.	189127	Information Technology Group	To provide technical support for datacenter migration to Oracle Cloud.	\$245,000	N	\$0
PLANNET CONSULTING, LLC	179716	Information Technology Group	To provide on-call information technology infrastructure upgrade services including wireless upgrade and data center relocation.	\$249,000	Y	\$16,212
RESOURCEPERTS	165297	Information Technology Group	To provide on-call information technology project management and quality assurance/control services. RFQ 1112	\$240,000	Y	\$113,185
RGB PROJECTS INC.	177129	Information Technology Group	To upgrade FileNet Content Services and Integrated Document Management Web Services systems.	\$48,300	N	\$12,075
SABA SOFTWARE INC.	182146	Information Technology Group	To provide implementation and subscription services for a new learning management system (LMS).	\$249,500	Y	\$114,059
SPATIAL WAVE, INC.	182670	Information Technology Group	To provide on-call data management support services for Metropolitan's land management and following program in Palo Verde Valley. RFQ 1160	\$230,000	Y	\$198,572

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THE CREATECH GROUP	182664	Information Technology Group	To provide technical suport for Maximo database conversion and upgrade.	\$72,500	N	\$0
TRINUS CORPORATION	155726	Information Technology Group	To provide on-call technical support for the business intelligence tools and applications. RFQ 1094	\$200,000	Y	\$67,848
VEDAINFO, INC.	152701	Information Technology Group	To provide on-call technical support for the PeopleSoft system. RFQ 1088	\$200,000	Y	\$0
WORK TECHNOLOGY CORPORATION	178853	Information Technology Group	To provide WorkTech timekeeping system enhancements.	\$25,200	N	\$0
Z CONSULTING GROUP, INC.	171373	Information Technology Group	To provide on-call information technology infrastructure and cybersecurity project management services. RFQ 1112	\$245,000	Y	\$15,500
LYNX INSIGHTS & INVESTIGATIONS, INC	166670	Office Of Ethics	To provide on-call investigative services for the Ethics Office.	\$40,000	Y	\$0
THEODORA ORINGHER PC	165473	Office Of Ethics	To provide on-call investigative services for the Ethics Office.	\$40,000	Y	\$5,382
34 NORTH, INC.	170203	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta Live web-based development. RFQ 1149	\$240,000	Y	\$73,534
5RMK, INC.	169719	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on general and value engineering, risk assessment, and project cost estimating. RFQ 1149	\$200,000	Y	\$0
AECOM TECHNICAL SERVICES, INC.	170202	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, levee and flood management, environmental planning, and general engineering. RFQ 1149	\$245,000	Y	\$42,696
AG BAGGETT & PJ WEBER, INC.	172860	Office Of The General Manager	To facilitate discussions to develop voluntary programs with upstream water interests to increase Delta flow.	\$245,000	N	\$170,938

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ANCHOR QEA, LLC	169730	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, hydrologic and hydrodynamic modeling, water quality, web and application development, environmental planning, general engineering, and technical writing. RFQ 1149	\$240,000	Y	\$13,415
BRENNAN, JEWETT & ASSOCIATES	182385	Office Of The General Manager	To provide on-call agricultural analysis and real property appraisal services. RFP 1149	\$80,000	Y	\$0
CBEC, INC.	182308	Office Of The General Manager	To provide on-call professional and technical services on collaborative science, flood management, modeling analyses, water quality planning, scientific/technical report writing, and outreach. RFQ 1149	\$245,000	Y	\$10,213
CDM SMITH, INC.	171244	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, environmental planning, general engineering, scientific/technical writing, and outreach. RFQ 1149	\$200,000	Y	\$0
CH2M HILL ENGINEERS, INC.	170205	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, levee and flood management, hydrologic and hydrodynamic modeling, water quality, agricultural analysis, and general engineering. RFQ 1149	\$245,000	Y	\$0
CRAMER FISH SCIENCES	169728	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, hydrologic and hydrodynamic modeling, web and application development, and scientific/technical writing. RFQ 1149	\$245,000	Y	\$53,105
ENVIRONMENTAL SCIENCE ASSOCIATES	172856	Office Of The General Manager	To provide on-call professional and technical services for the evaluation of the Yolo Bypass Salmonid Habitat Restoration and Fish Passage EIR/EIS. RFQ 1149	\$180,000	Y	\$1,997
FORKEL, DAVID	188998	Office Of The General Manager	To provide management services for Metropolitan's Delta properties.	\$220,000	Y	\$0

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GEI CONSULTANTS, INC.	169721	Office Of The General Manager	To provide on-call professional and technical services for the Collaborative Science and Adaptive Management Program (CSAMP) and Collaborative Adaptive Management Team (CAMT). RFQ 1149	\$245,000	Y	\$43,930
HULTGREN - TILLIS ENGINEERS	170606	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on levee and flood management, emergency response analysis and planning, and geotechnical/marine engineering. RFQ 1149	\$100,000	Y	\$0
HYDROFOCUS, INC.	169723	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, levee and flood management, hydrolic and hydrodynamic modeling, water quality, scientific/technical writing, and outreach. RFQ 1149	\$240,000	Y	\$121,600
ICF JONES & STOKES, INC.	169725	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, hydrologic and hydrodynamic modeling, water quality, web and application development, environmental planning, scientific/technical writing, and outreach. RFQ 1149	\$245,000	Y	\$68,523
JA SPEZIA CONSULTING	169726	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues coordination, outreach, and Bay Delta Live support. RFQ 1149	\$200,000	Y	\$74,937
JACOBS ENGINEERING GROUP, INC.	170206	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on general and value engineering, risk assessment, and project cost estimating. RFQ 1149	\$245,000	Y	\$0
JMEEK AGRIBUSINESS MANAGEMENT	177525	Office Of The General Manager	To provide farm and habitat management technical assistance in the Sacramento and San Joaquin Delta region.	\$150,000	N	\$50,500
KEARNS & WEST, INC.	181809	Office Of The General Manager	To provide neutral facilitation of the Centerville Schoolhouse Workgroup including organizing meeting logistics, assist in building consensus for West Feather & Butte Creek watersheds, and other related facilitation services.	\$50,000	N	\$34,915

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KJELDEN, SINNOCK & NEUDECK, INC	170598	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on levee and flood management, general engineering, and surveying and mapping services. RFQ 1149	\$75,000	Y	\$5,384
KLEINFELDER, INC.	172531	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on levee and flood management, emergency response analysis and planning, and geotechnical/marine engineering. RFQ 1149	\$245,000	Y	\$0
LKM ASSOCIATES LLC	185442	Office Of The General Manager	To provide strategic advice and analytical support for the Battle Creek project.	\$150,000	N	\$112,888
M.CUBED	184798	Office Of The General Manager	To provide technical analysis of Yolo Pass Salmonid Habitat Restoration and Fish Passage Project regional economic impacts.	\$10,000	N	\$6,819
MBK ENGINEERS	169905	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on levee and flood management, emergency response analysis and planning, and geotechnical/marine engineering. RFQ 1149	\$245,000	Y	\$56,878
MOFFATT & NICHOL	181293	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, levee and flood management, hydrologic and hydrodynamic modeling, and general engineering. RFP 1149	\$245,000	Y	\$33,808
R2 RESOURCE CONSULTANTS, INC.	181438	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, general engineering, and technical writing. RFQ 1149	\$150,000	Y	\$0
RESOURCE MANAGEMENT ASSOCIATES, INC.	170548	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on ecosystem planning, levee and flood management, hydrologic and hydrodynamic modeling, water quality, and web and application development. RFQ 1149	\$150,000	Y	\$18,187

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SAN FRANCISCO ESTUARY INSTITUTE	173661	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta on ecosystem planning, collaborative science, hydrologic and hydrodynamic modeling, water quality, and information technology related services. RFQ 1149	\$200,000	Y	\$14,817
SARAH DOLISLAGER CONSULTING	169727	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta Live support. RFQ 1149	\$90,000	Y	\$35,213
SILVA SILVA INTERNATIONAL	122429	Office Of The General Manager	To provide advice to Metropolitan on local, state, and international water and power resource issues.	\$200,000	Y	\$199,287
SMITH, EDWARD W.	153601	Office Of The General Manager	To provide on-call water resource consulting services for water supply programs along the Colorado River.	\$100,000	Y	\$4,594
STANTEC CONSULTING SERVICES INC.	170784	Office Of The General Manager	To provide on-call professional and technical services for studies on alternatives to temporary barriers for the Old and Middle Rivers. RFQ 1149	\$245,000	Y	\$0
TEH, SWEE JOO	189249	Office Of The General Manager	To provide liver histopathology analysis of caged Delta Smelt.	\$25,000	N	\$0
TETRA TECH, INC.	169729	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on levee and flood management, hydrologic and hydrodynamic modeling, water quality, and general engineering. RFQ 1149	\$245,000	Y	\$149,702
U.S. FOREST SERVICE	186690	Office Of The General Manager	To provide technical support for the Fish Abundance and Occupancy Estimation Research Project.	\$56,068	N	\$56,068
UNIVERSITY OF CALIFORNIA, DAVIS	185791	Office Of The General Manager	To assess the hydrology of the Sutter Bypass and tributaries as it pertains to life history of Butte Creek Chinook Salmon and other Central Valley salmonid populations.	\$200,727	N	\$70,000
UNIVERSITY OF CALIFORNIA, DAVIS	187385	Office Of The General Manager	To assess the isotopic variation in the Sutter Bypass to track floodplain rearing in Central Valley Chinook salmon.	\$85,000	N	\$0

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VALUE MANAGEMENT STRATEGIES, INC.	170596	Office Of The General Manager	To provide on-call professional and technical services for Bay-Delta issues on general and value engineering, risk assessment, and project cost estimating services. RFQ 1149	\$75,000	Y	\$0
BENDER ROSENTHAL, INC.	179146	Real Property	To provide on-call right-of-way acquisition, public land owner rights enforcement, and real property appraisal services. RFQ 1135	\$220,000	Y	\$0
COLLIERS INTERNATIONAL HOLDINGS, INC.	171136	Real Property	To provide on-call real property appraisal services. RFQ 1135	\$150,000	Y	\$0
CUSHMAN & WAKEFIELD WESTERN, INC.	184278	Real Property	To provide on-call real and personal property appraisal services. RFQ 1135	\$100,000	N	\$0
DATA TICKET, INC.	89715	Real Property	To provide citation processing and collection services.	\$5,000	Y	\$1,800
EPIC LAND SOLUTIONS, INC.	172385	Real Property	To provide on-call right of way acquisition, public property management, public land owner rights enforcement, right of way research and project management, real and personal property appraisal, public outreach, and reusable energy feasibility services. RFQ 1135	\$150,000	Y	\$0
GARY L. VOGT & ASSOCIATES	182352	Real Property	To provide on-call real property appraisal services. RFQ 1135	\$150,000	Y	\$43,900
INTEGRA REALTY RESOURCES - LOS ANGELES	173906	Real Property	To provide on-call real and personal property appraisal services. RFQ 1135	\$150,000	Y	\$22,875
MASON & MASON	184109	Real Property	To provide on-call real and personal property appraisal services. RFQ 1135	\$150,000	N	\$0
MORRISON PROPERTY INSPECTIONS	181320	Real Property	To provide inspection services for Metropolitan's residential properties.	\$10,000	N	\$4,150

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**Agreement Detail (Exhibit A)**  
**All Active Agreements \$250,000 and Under**  
**From 01-JUL-2018 To 30-JUN-2019**

<b>Consultant Name</b>	<b>Agreement Number</b>	<b>Organization</b>	<b>Agreement Scope</b>	<b>Maximum Amount Payable *</b>	<b>Rollover **</b>	<b>Contract Term Expenditures ***</b>
NORRIS REALTY ADVISORS	167937	Real Property	To provide on-call real and personal property appraisal services. RFQ 1135	\$225,000	Y	\$8,500
PARAGON PARTNERS, LTD.	172260	Real Property	To provide on-call right of way aquisition, public property management, public land owner rights enforcement, right of way reasearch and project management, and public outreach services. RFQ 1135	\$150,000	Y	\$54,936
PERDUE RUSSELL MATTHIES REAL ESTATE APPRAISAL	177131	Real Property	To provide on-call real property appraisal services. RFQ 1135	\$150,000	Y	\$0
RIGGS & RIGGS, INC.	166311	Real Property	To provide on-call real property appraisal services. RFQ 1135	\$200,000	Y	\$20,750
STATE OF CALIF. DEPT. OF FISH & GAME	12686	Real Property	To provide fisheries management services for Diamond Valley Lake.	\$250,000	Y	\$215,263
THE MAXIMA GROUP LLC	179924	Real Property	To provide professional consulting services in marina operations and management for Diamond Valley Lake.	\$74,000	N	\$22,355
VALENTINE APPRAISAL & ASSOCIATES	174371	Real Property	To provide on-call real property appraisal services. RFQ 1135	\$150,000	Y	\$0
WIZARD SOFTWARE SOLUTIONS	152326	Real Property	To provide annual hosting and support services for Metropolitan's REportfolio Lease Management System. RFP 987	\$50,000	Y	\$8,310
A&N TECHNICAL SERVICES, INC.	164686	Water Resource Management Grp	To provide on-call expertise in statistical/econometric, economic, and water resource modeling and analyses. RFQ 1122	\$240,000	Y	\$33,735
A&N TECHNICAL SERVICES, INC.	185434	Water Resource Management Grp	To provide a pilot testing of proposed methodologies for demand monitoring services. RFP 1170	\$150,000	N	\$60,000
ALLIANCE FOR WATER EFFICIENCY	155590	Water Resource Management Grp	To coordinate water-use efficiency research studies.	\$130,000	N	\$130,000

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit A)

All Active Agreements \$250,000 and Under  
From 01-JUL-2018 To 30-JUN-2019

Consultant Name	Agreement Number	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
ANDREW MARX CONSULTING	188319	Water Resource Management Grp	To estimate the multiplier effect for turf replacement and the reversion rate using aerial imagery.	\$70,000	Y	\$0
CALIF LANDSCAPE CONTRACTORS ASSOC INC.	177839	Water Resource Management Grp	To provide classes on the Model Water Efficient Landscape Ordinance.	\$74,900	N	\$32,267
COUNCIL FOR WATERSHED HEALTH	172633	Water Resource Management Grp	To provide school-based water efficiency and conservation support in underserved communities.	\$170,000	N	\$50,000
DAVIS FARR LLP	163548	Water Resource Management Grp	To provide compliance review audits for Metropolitan's local projects, conservation and storage, and exchange programs. RFQ 1133	\$200,000	N	\$72,550
DCSE, INC.	179352	Water Resource Management Grp	To provide on-call water resource modeling. RFQ 1122	\$240,000	Y	\$0
DCSE, INC.	180905	Water Resource Management Grp	To provide on-call remote sensing with satellite imagery, geospatial analytics, and data management system development for water resources planning. RFQ 1160	\$200,000	Y	\$20,948
G3LA, LLC	185407	Water Resource Management Grp	To provide as-needed California Friendly and Native Plant Landscape Training and Turf Removal classes. RFP 1197	\$235,000	Y	\$41,500
GEOSYNTEC CONSULTANTS, INC.	188573	Water Resource Management Grp	To develop the Stormwater Recharge Pilot Program.	\$49,750	N	\$0
HAZEN AND SAWYER	183248	Water Resource Management Grp	To provide water resource management planning services. RFQ 1122	\$50,000	N	\$3,000
LAND IQ, LLC	180906	Water Resource Management Grp	To provide on-call urban and agricultural water and land use modeling, analysis, and management. RFQ 1160	\$240,000	Y	\$0
MAUREEN ERBEZNIK AND ASSOCIATES	187132	Water Resource Management Grp	To provide conservation consulting services to residents in disadvantaged communities.	\$74,875	N	\$0

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit A)

**All Active Agreements \$250,000 and Under  
From 01-JUL-2018 To 30-JUN-2019**

Consultant Name	Agreement Number	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
O'CAIN CONSULTING, INC.	187705	Water Resource Management Grp	To provide services to Metropolitan's member agencies in support of the Disadvantaged Communities Program.	\$74,850	N	\$0
PROVOST & PRITCHARD CONSULTING GROUP	185667	Water Resource Management Grp	To provide technical analysis of Sacramento-San Joaquin water operations and State Water Project allocation of costs.	\$48,000	N	\$11,158
RAMOS, KATHY	187708	Water Resource Management Grp	To provide services to Metropolitan's member and retail agencies in support of Disadvantaged Communities Program. (Former Employee)	\$74,875	N	\$0
RAND CORPORATION	135932	Water Resource Management Grp	To provide on-call expertise in the areas of water resource modeling, cost evaluation, and econometrics/statistical evaluation. RFQ 1027	\$108,000	Y	\$42,556
STANTEC CONSULTING SERVICES INC.	137588	Water Resource Management Grp	To provide on-call water resources planning and modeling services. RFQ 1028	\$240,000	Y	\$53,912
SWIIM SYSTEM, LTD	165742	Water Resource Management Grp	To provide a pilot program that measures and estimates gate deliveries on Metropolitan-owned property in the Palo Verde Irrigation District.	\$200,000	N	\$124,098
VASQUEZ & COMPANY, LLP	163549	Water Resource Management Grp	To provide compliance review audits for Metropolitan's local projects, conservation and storage, and exchange programs. RFQ 1133	\$200,000	N	\$22,500
WATERWISE CONSULTING, INC.	186641	Water Resource Management Grp	To provide inspection and verification of turf removal and devices for Metropolitan's conservation rebate programs. RFP 1199	\$200,000	Y	\$50,370
WATERWISE CONSULTING, INC.	185435	Water Resource Management Grp	To provide a pilot test of proposed methodologies for demand monitoring services. RFP 1170	\$150,000	N	\$60,000
WATERWISE CONSULTING, INC.	185406	Water Resource Management Grp	To conduct surveys of irrigation systems for Metropolitan's Large Landscape Survey Program. RFP 1196	\$200,000	Y	\$5,000

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**Annual Professional Services Agreements Report**  
**Agreement Detail (Exhibit A)**  
**All Active Agreements \$250,000 and Under**  
**From 01-JUL-2018 To 30-JUN-2019**

<u>Consultant Name</u>	<u>Agreement Number</u>	<u>Organization</u>	<u>Agreement Scope</u>	<u>Maximum Amount Payable *</u>	<u>Rollover **</u>	<u>Contract Term Expenditures ***</u>
WESTERN POLICY RESEARCH	161328	Water Resource Management Grp	To conduct a turf study and resident saturation survey. RFQ 1122	\$110,000	N	\$107,193
WOODARD & CURRAN INC	188295	Water Resource Management Grp	To provide preliminary research and assessment of water supply vulnerability in anticipation of Metropolitan's 2020 Integrated Resource Plan update.	\$74,954	N	\$0
BLANKINSHIP & ASSOCIATES, INC.	167264	Water System Operations Group	To provide on-call aquatic weed control and invasive species compliance management services. RFQ 1104	\$30,000	Y	\$5,629
CAL POLY POMONA FOUNDATION, INC.	13998	Water System Operations Group	To provide a cooperative education program for students majoring in the various sciences.	\$245,000	Y	\$0
CALIFORNIA WATERSHED ENGINEERING, CORP.	171673	Water System Operations Group	To provide on-call environmental services for wastewater and stormwater. RFQ 1150	\$20,000	Y	\$4,373
CARDNO, INC.	164961	Water System Operations Group	To provide on-call environmental site assessments and related services in support of the Safety and Environmental Services Section for projects throughout Metropolitan's distribution system and service area. RFQ 1123	\$200,000	Y	\$20,452
CHAMIEH CONSULTING & INDUSTRIAL GROUP, INC.	150038	Water System Operations Group	To provide on-call shop drawing detailing and drafting services. (Former Employee) RFQ 1080	\$100,000	Y	\$12,658
CLARK SEIF CLARK, INC.	183553	Water System Operations Group	To provide on-call industrial hygiene services. RFQ 1184	\$50,000	Y	\$16,509
DE PAR, INC.	162905	Water System Operations Group	To provide as-needed chemical, physical, and/or microbiological analysis of soil, sludge, water, and wastewater. RFP 1128	\$60,000	Y	\$2,664
EHS INTERNATIONAL, INC.	186902	Water System Operations Group	To provide safety and regulatory training.	\$60,000	Y	\$18,865

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit A)

**All Active Agreements \$250,000 and Under  
From 01-JUL-2018 To 30-JUN-2019**

Consultant Name	Agreement Number	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
EMSL ANALYTICAL, INC.	180723	Water System Operations Group	To provide industrial hygiene laboratory services.	\$49,999	N	\$5,700
ESCI ENVIROSERVICES, INC.	171675	Water System Operations Group	To provide on-call environmental services for hazardous waste, underground and aboveground storage tank management. RFQ 1150	\$30,000	Y	\$0
FLYNN RESOURCE CONSULTANTS, INC.	158002	Water System Operations Group	To provide wholesale planning for bulk power and electric transmission agreements. RFQ 1110	\$110,000	N	\$76,713
GEOFORM, INC.	175855	Water System Operations Group	To provide on-call manufacturing support unit shop inspection services.	\$49,999	Y	\$3,330
GEOPENTECH, INC.	133386	Water System Operations Group	To provide on-call geotechnical consulting services for the PG&E Topock Chromium Groundwater Remediation Project. RFQ 931	\$25,000	Y	\$1,980
GEOSYNTEC CONSULTANTS, INC.	164899	Water System Operations Group	To provide on-call environmental site assessments and related services in support of the Safety and Environmental Services Section for projects throughout Metropolitan's distribution system and service area. RFQ 1123	\$200,000	Y	\$38,380
GLOBAL ENVIRONMENTAL NETWORK, INC.	186905	Water System Operations Group	To provide safety and regulatory training.	\$60,000	Y	\$20,560
GRID SUBJECT MATTER EXPERTS, LLC	158003	Water System Operations Group	To provide wholesale power planning for bulk power and electric transmission arrangements and develop standards for national electric reliability and compliance. RFQ 1110	\$120,000	N	\$70,680
HEALTH SCIENCE ASSOCIATES, INC.	183554	Water System Operations Group	To provide on-call industrial hygiene services. RFQ 1184	\$50,000	Y	\$1,644
INDUSTRIAL HYGIENE MANAGEMENT, INC.	183552	Water System Operations Group	To provide on-call industrial hygiene services. RFQ 1184	\$50,000	Y	\$9,251

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit A)

All Active Agreements \$250,000 and Under  
From 01-JUL-2018 To 30-JUN-2019

Consultant Name	Agreement Number	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
INDUSTRIAL HYGIENE MANAGEMENT, INC.	183551	Water System Operations Group	To provide on-call industrial ventilation evaluation and air sampling analysis. RFQ 1180	\$80,000	Y	\$7,690
KAZARIANS & ASSOCIATES, INC.	174472	Water System Operations Group	To update chemical Risk Management Programs (RMPs) for chlorine systems at Metropolitan facilities. RFQ 1159	\$50,000	Y	\$11,761
LEARN CPR 4 LIFE, INC.	186903	Water System Operations Group	To provide safety and regulatory training.	\$30,000	Y	\$27,407
MICHAEL BAKER INTERNATIONAL, INC.	171676	Water System Operations Group	To provide on-call environmental services for wastewater and stormwater. RFQ 1150	\$20,000	Y	\$3,201
MICHAEL BELL MANAGEMENT CONSULTING, INC.	157990	Water System Operations Group	To consult on the valuation of renewable hydroelectric generation and the marketing of renewable power. RFQ 1110	\$85,000	N	\$0
NATEC INTERNATIONAL, INC.	186906	Water System Operations Group	To provide safety and regulatory training. RFP 1160	\$60,000	Y	\$21,830
NATIONAL WATER RESEARCH INSTITUTE	177343	Water System Operations Group	To assemble and facilitate an independent scientific advisory panel of experts composed of academics and industry professionals. RFP 1166	\$245,000	N	\$64,991
NAVIGANT CONSULTING, INC.	157988	Water System Operations Group	To provide wholesale power planning for bulk power and electric transmission arrangements. RFQ 1110	\$75,000	N	\$0
NETWORK ENVIRONMENTAL SYSTEMS, INC.	171677	Water System Operations Group	To provide on-call environmental services for hazardous waste and hazardous materials. RFQ 1150	\$30,000	Y	\$3,188
OSTS, INC.	186907	Water System Operations Group	To provide safety and regulatory training.	\$40,000	Y	\$0

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit A)

**All Active Agreements \$250,000 and Under  
From 01-JUL-2018 To 30-JUN-2019**

Consultant Name	Agreement Number	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
RAMBOLL ENVIRON US CORPORATION	164959	Water System Operations Group	To provide on-call environmental site assessments and related services in support of the Safety and Environmental Services Section for projects throughout Metropolitan's distribution system and service area. RFQ 1123	\$200,000	Y	\$0
REVELSTOKE DESIGN SERVICES LIMITED	182276	Water System Operations Group	To review and design upgrades for the Oroville Spillway floating security barrier.	\$61,562	N	\$61,562
RISK MANAGEMENT PROFESSIONALS, INC.	174471	Water System Operations Group	To update chemical risk management programs (RMPs) for chlorine systems at Metropolitan facilities. RFQ 1159	\$30,000	Y	\$0
SAN BERNARDINO COMMUNITY COLLEGE DIST.	184989	Water System Operations Group	To provide vocational training and instruction support in machining for Metropolitan's Mechanical Apprenticeship Program.	\$16,950	N	\$0
SYSTEMS INTEGRATED, LLC	38951	Water System Operations Group	To provide software maintenance and support services for Metropolitan's supervisory control and data acquisition (SCADA) system.	\$230,000	Y	\$126,000
TRUSTEES TUFTS COLLEGE	184531	Water System Operations Group	To provide flavor profile panelist training.	\$49,500	N	\$30,000
ULTRASYSTEMS ENVIRONMENTAL INC.	171678	Water System Operations Group	To provide on-call environmental services for air quality. RFQ 1150	\$20,000	Y	\$0
UTILITY SYSTEM EFFICIENCIES, INC.	158746	Water System Operations Group	To provide wholesale power planning services per national electric reliability standards development and compliance requirements. RFQ 1110	\$90,000	N	\$0
YORKE ENGINEERING, LLC	171679	Water System Operations Group	To provide on-call environmental services for hazardous waste, hazardous materials, wastewater, stormwater, air quality, underground, and aboveground storage tank management. RFQ 1150	\$40,000	Y	\$13,999
ZGLOBAL, INC.	172438	Water System Operations Group	To provide California Independent System Operator (CAISO) Scheduling Coordinator services for Metropolitan's hydroelectric power plants. RFP 1155	\$130,685	N	\$38,828

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit A)

All Active Agreements \$250,000 and Under  
From 01-JUL-2018 To 30-JUN-2019

<u>Consultant Name</u>	<u>Agreement Number</u>	<u>Organization</u>	<u>Agreement Scope</u>	<u>Maximum Amount Payable *</u>	<u>Rollover **</u>	<u>Contract Term Expenditures ***</u>
Total Number of Agreements		<u>297</u>		Totals	<u>\$40,018,796</u>	<u>\$10,261,638</u>
*** End of Report ***						

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit B)

All Active Agreements Over \$250,000

From 01-JUL-2018 To 30-JUN-2019

Consultant Name	Agreement Number	Board Approved Date	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
ASPEN ENVIRONMENTAL GROUP	178843	13-MAR-18	7-2	Chief Administrative Officer	To provide environmental support services for the Upper Feeder San Gabriel Tower Upgrades Project. RFQ 1143	\$500,000	N	\$28,331
DUDEK	132013	12-APR-16	7-1	Chief Administrative Officer	To provide environmental planning and support services for Metropolitan's Distribution System Infrastructure Protection Program. RFQ 956	\$3,525,000	N	\$2,531,139
DUDEK	123159	13-SEP-11	7-1	Chief Administrative Officer	To provide environmental support services for Metropolitan's Orange County feeder and San Diego Creek Channel projects. RFQ 956	\$485,000	N	\$378,813
DUDEK	166807	11-OCT-16	7-3	Chief Administrative Officer	To provide environmental planning services for the Foothill Feeder Repair and Future Inspections Project. RFQ 1048	\$750,000	N	\$646,613
HELIX ENVIRONMENTAL PLANNING, INC.	135439	11-DEC-12	7-3	Chief Administrative Officer	To provide environmental planning services for the preparation of an Environmental Impact Report for the Etiwanda Pipeline North Liner Repair. RFQ 956	\$520,000	N	\$302,478
HELIX ENVIRONMENTAL PLANNING, INC.	136235	09-APR-19	8-2	Chief Administrative Officer	To provide environmental permitting support services for Whitewater Siphons on the Colorado River Aqueduct. RFQ 956	\$465,000	N	\$303,115
HELIX ENVIRONMENTAL PLANNING, INC.	173841	15-AUG-17	8-5	Chief Administrative Officer	To provide environmental support services for the Prestressed Concrete Cylinder Pipe Program. RFP 1157	\$1,950,000	N	\$522,781
RINCON CONSULTANTS, INC.	174007	15-AUG-17	8-2	Chief Administrative Officer	To provide environmental support services for the replacement of the expansion joint at the Santa Ana River Bridge. RFQ 1143	\$400,000	N	\$244,180
RINCON CONSULTANTS, INC.	183447	09-OCT-18	7-1	Chief Administrative Officer	To provide technical assistance and prepare California Environmental Quality Act documentation and a Climate Action Plan. RFP 1185	\$815,000	N	\$116,229

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Board Letter information relates to the most current agreement action.





**Annual Professional Services Agreements Report**  
**Agreement Detail (Exhibit B)**  
**All Active Agreements Over \$250,000**  
**From 01-JUL-2018 To 30-JUN-2019**

<b>Consultant Name</b>	<b>Agreement Number</b>	<b>Board Approved Date</b>	<b>Board Letter</b>	<b>Organization</b>	<b>Agreement Scope</b>	<b>Maximum Amount Payable *</b>	<b>Rollover **</b>	<b>Contract Term Expenditures ***</b>
RIVERSIDE COUNTY REGIONAL PARK AND OPEN-SPACE DISTRICT	169767	16-JUN-92	8-20	Chief Administrative Officer	To provide management services for the Southwestern Riverside County Multi-Species Reserve.	\$500,000	Y	\$426,767
HILLSWICK ASSET MANAGEMENT	48306	12-FEB-02	9-4	Chief Financial Officer	To provide investment management services. RFP 516	\$300,000	Y	\$0
PUBLIC RESOURCES ADVISORY GROUP	175258	13-MAY-14	8-2	Chief Financial Officer	To provide municipal advisory services. RFQ 1161	\$500,000	Y	\$235,992
REAMS ASSET MANAGEMENT CO. LLC	48305	12-FEB-02	9-4	Chief Financial Officer	To provide investment management services. RFP 516	\$324,000	Y	\$0
ABSG CONSULTING, INC.	125738	06-NOV-18	8-2	Engineering Services Group	To provide seismic design and retrofit of Metropolitan's Headquarters building. RFQ 884	\$11,580,000	N	\$7,464,909
AECOM TECHNICAL SERVICES, INC.	177534	12-DEC-17	8-3	Engineering Services Group	To provide an assessment of spillways and appurtenant dam structures at Lake Mathews and Lake Skinner. RFQ 1131	\$1,530,000	N	\$1,081,222
AECOM TECHNICAL SERVICES, INC.	126762	12-DEC-17	8-2	Engineering Services Group	To provide geotechnical and seismic structural engineering services for the Diemer Water Treatment Plant. RFQ 931	\$1,315,000	N	\$997,423
AECOM TECHNICAL SERVICES, INC.	184520	21-AUG-18	8-2	Engineering Services Group	To provide on-call engineering services for water treatment facilities, conveyance, storage and distribution facilities, and large rotating equipment. RFQ 1131	\$2,000,000	Y	\$45,466
ARCADIS U.S., INC.	155619	13-FEB-18	8-3	Engineering Services Group	To provide engineering design and support services for the Jensen Water Treatment Plant inlet water quality enclosure. RFQ 1032	\$400,000	N	\$197,044
BLACK & VEATCH CORPORATION	177670	09-JAN-18	8-1	Engineering Services Group	To provide engineering services for preliminary design for the Prestressed Concrete Cylinder Pipe Rehabilitation of the Rialto Pipeline. RFQ 1168	\$2,900,000	N	\$138,781

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit B)

All Active Agreements Over \$250,000

From 01-JUL-2018 To 30-JUN-2019

Consultant Name	Agreement Number	Board Approved Date	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
BLACK & VEATCH CORPORATION	187819	12-FEB-19	8-1	Engineering Services Group	To provide engineering support services during construction of the Greg Avenue Pump Station Rehabilitation. RFQ 1131	\$900,000	N	\$0
BLACK & VEATCH CORPORATION	158748	13-JAN-15	8-5	Engineering Services Group	To provide engineering design services for Prestressed Concrete Cylinder Pipe Rehabilitation of the Second Lower Feeder. RFQ 1032	\$16,000,000	N	\$9,878,279
BLACK & VEATCH CORPORATION	160524	08-MAR-16	8-3	Engineering Services Group	To provide a feasibility-level design of the conveyance and distribution system for the Potential Regional Recycled Water Supply Program. RFP 1126	\$1,900,000	N	\$1,467,914
BROWN AND CALDWELL	171392	11-OCT-16	7-4	Engineering Services Group	To provide on-call engineering services for water treatment, conveyance, and distribution facilities. RFQ 1131	\$1,000,000	Y	\$219,128
BROWN AND CALDWELL	177669	09-JAN-18	8-1	Engineering Services Group	To provide engineering services for preliminary design for the Prestressed Concrete Cylinder Pipe Rehabilitation of the Allen-McColloch Pipeline. RFP 1168	\$2,000,000	N	\$53,205
CAROLLO ENGINEERS, INC.	136835	19-AUG-14	8-2	Engineering Services Group	To provide engineering design services for sites identified with erosion issues in the Orange and Los Angeles County operating regions. RFQ 927	\$2,500,000	N	\$1,458,794
CAROLLO ENGINEERS, INC.	171390	11-OCT-16	7-4	Engineering Services Group	To provide on-call engineering services for water treatment, conveyance, and distribution facilities. RFQ 1131	\$1,000,000	Y	\$7,200
CAROLLO ENGINEERS, INC.	137158	13-MAY-14	7-4	Engineering Services Group	To provide preliminary and final design for installation of filter valves at the Weymouth Water Treatment Plant. RFP 1039	\$1,120,000	N	\$536,065
CAROLLO ENGINEERS, INC.	180287	05-AUG-18	8-4	Engineering Services Group	To provide specialized design services for replacement of Casa Loma Siphon Barrel No. 1. RFQ 1131	\$2,200,000	N	\$1,012,586
CDM SMITH, INC.	160528	10-NOV-15	8-2	Engineering Services Group	To provide engineering technical support during rehabilitation of the Palos Verdes Reservoir. RFQ 1032	\$713,000	N	\$712,881

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit B)

All Active Agreements Over \$250,000  
From 01-JUL-2018 To 30-JUN-2019

Consultant Name	Agreement Number	Board Approved Date	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
CDM SMITH, INC.	168361	11-OCT-16	7-4	Engineering Services Group	To provide on-call engineering services for water treatment facilities, conveyance, storage and distribution facilities, and large rotating equipment. RFQ 1131	\$2,000,000	Y	\$335,075
CH2M HILL ENGINEERS, INC.	168629	10-OCT-16	7-4	Engineering Services Group	To provide on-call engineering services for water treatment facilities, conveyance, storage and distribution facilities, and large rotating equipment. RFQ 1131	\$2,000,000	Y	\$171,230
CH2M HILL ENGINEERS, INC.	170487	13-JUN-17	8-4	Engineering Services Group	To provide preliminary investigations and conceptual design for Metropolitan's Control System Upgrade Program. RFQ 1153	\$2,485,000	N	\$1,317,267
GEI CONSULTANTS, INC.	184382	11-SEP-18	7-1	Engineering Services Group	To provide geotechnical consulting services for Diemer Basin No. 8 North Slope. RFQ 1134	\$485,000	N	\$17,229
GEOPENTECH, INC.	175402	15-AUG-17	8-5	Engineering Services Group	To provide geotechnical services for the Prestressed Concrete Cylinder Pipe Program. RFQ 1134	\$1,090,000	N	\$327,197
GEOSPATIAL PROFESSIONAL SOLUTIONS, INC.	164104	16-AUG-16	7-5	Engineering Services Group	To provide aerial photogrammetry, mapping, and survey services. RFQ 1132	\$1,000,000	N	\$213,958
GGG CA INC.	173287	11-APR-17	8-3	Engineering Services Group	To provide equipment, installation, and testing services for Metropolitan's Wadsworth Control and Protection System Upgrade project - Phase 4. RFP 993	\$15,993,000	N	\$11,316,509
HDR ENGINEERING, INC.	178378	09-JAN-18	8-1	Engineering Services Group	To provide engineering services to perform preliminary design for the Prestressed Concrete Cylinder Pipe Rehabilitation of the Sepulveda Feeder. RFP 1168	\$4,400,000	N	\$1,247,823
IBI GROUP	179353	09-JAN-18	8-2	Engineering Services Group	To provide final design of building improvements related to the seismic upgrades to the Weymouth administration building. RFQ 1040	\$630,000	N	\$118,782
IBI GROUP	178689	09-OCT-18	7-2	Engineering Services Group	To provide final design for physical security improvements at Metropolitan's headquarters building. RFQ 1040	\$1,500,000	N	\$604,035

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 Board Letter information relates to the most current agreement action.



## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit B)

All Active Agreements Over \$250,000  
From 01-JUL-2018 To 30-JUN-2019

Consultant Name	Agreement Number	Board Approved Date	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
KENNEDY/JENKS CONSULTANTS, INC.	184581	06-NOV-18	8-5	Engineering Services Group	To provide engineering services for technical support during construction of electrical upgrades and preliminary investigations of structures in the Orange County Region. RFQ 1131	\$2,037,000	N	\$8,960
KENNEDY/JENKS CONSULTANTS, INC.	183244	21-AUG-18	8-2	Engineering Services Group	To provide on-call engineering services for conveyance, storage, and distribution facilities. RFQ 1131	\$1,000,000	Y	\$62,564
LA CANADA DESIGN GROUP, INC.	149104	13-MAR-18	8-1	Engineering Services Group	To provide architectural and engineering design and support services for the Orange County Region Service Center building. RFQ 1040	\$517,000	N	\$443,339
LA CANADA DESIGN GROUP, INC.	179354	09-DEC-18	8-5	Engineering Services Group	To provide final design of building improvements related to the seismic upgrades to the Water Quality Laboratory and Field Engineering building. RFQ 1040	\$1,470,000	N	\$797,876
LEE & RO, INC.	141719	14-JAN-14	7-2	Engineering Services Group	To provide engineering design services for the Mills Water Treatment Plant electrical upgrades project. RFP 1060	\$1,097,000	N	\$825,499
LEE & RO, INC.	186033	08-NOV-18	8-2	Engineering Services Group	To provide construction inspection and administration services for Metropolitan's Headquarters seismic upgrades and building improvements. RFQ 1077	\$2,500,000	N	\$64,137
LEE & RO, INC.	184519	21-AUG-18	8-2	Engineering Services Group	To provide on-call engineering services for conveyance, storage and distribution facilities. RFQ 1131	\$1,000,000	Y	\$57,449
LEE & RO, INC.	168497	12-DEC-17	8-5	Engineering Services Group	To provide engineering services for final design of repair work for the Colorado River Aqueduct. RFQ 1131	\$320,000	N	\$318,834
LEE & RO, INC.	159681	18-AUG-15	8-1	Engineering Services Group	To provide technical support during construction of the Weymouth Chemical Upgrades and Weymouth Scrubber Platform Improvements. RFQ 1032	\$364,000	N	\$327,039
MARRS SERVICES, INC.	185534	11-DEC-18	8-6	Engineering Services Group	To provide inspection services and construction contract management for Colorado River Aqueduct projects. RFP 1189	\$5,400,000	N	\$0

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit B)

All Active Agreements Over \$250,000  
From 01-JUL-2018 To 30-JUN-2019

Consultant Name	Agreement Number	Board Approved Date	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
NINYO & MOORE	156300	09-OCT-18	8-3	Engineering Services Group	To provide environmental monitoring for remediation of the Robert B. Diemer Treatment Plant basins. RFQ 962	\$736,000	N	\$203,502
PARSONS ENVIRONMENT & INFRASTRUCTURE	169323	11-OCT-16	7-4	Engineering Services Group	To provide on-call engineering services for water treatment, conveyance, and distribution facilities. RFQ 1131	\$1,000,000	Y	\$102,515
POWER-TECH ENGINEERS, INC.	125206	08-JUL-14	8-2	Engineering Services Group	To provide technical oversight and support for the Wadsworth Pumping Plant Control and Protection System Upgrade project. RFP 989	\$1,974,000	N	\$1,690,530
PROJECT PARTNERS, LLC	177915	10-OCT-17	8-1	Engineering Services Group	To provide a project controls and reporting system. RFP 1158	\$2,650,000	N	\$545,592
PSOMAS	164105	16-AUG-16	7-5	Engineering Services Group	To provide aerial photogrammetry, mapping, and survey services. RFQ 1132	\$1,000,000	N	\$89,618
PURE TECHNOLOGIES US INC.	174101	15-AUG-17	8-5	Engineering Services Group	To provide electromagnetic inspection of Metropolitan's Prestressed Concrete Cylinder Pipelines. RFQ 1140	\$4,200,000	N	\$1,659,490
RICHARD BRADY & ASSOCIATES	172147	08-JAN-18	7-2	Engineering Services Group	To provide engineering services for the La Verne Shops Upgrades project. RFQ 1131	\$646,000	N	\$482,879
RICK ENGINEERING COMPANY	164107	16-AUG-16	7-5	Engineering Services Group	To provide aerial photogrammetry, mapping, and survey services. RFQ 1132	\$1,000,000	N	\$23,295
STANTEC CONSULTING SERVICES INC.	160244	08-MAR-16	8-3	Engineering Services Group	To design and operate a demonstration facility for the Potential Regional Recycled Water Supply Program. RFP 1116	\$1,500,000	N	\$1,498,036
STANTEC CONSULTING SERVICES INC.	183184	21-AUG-18	8-2	Engineering Services Group	To provide on-call engineering services for water treatment facilities, conveyance, storage and distribution facilities, and large rotating equipment. RFQ 1131	\$2,000,000	Y	\$1,041,253
SUEZ TREATMENT SOLUTIONS, INC.	127494	13-DEC-16	8-3	Engineering Services Group	To provide engineering and technical services for the Weymouth Treatment Plant Ozone system training, start up and testing.	\$1,695,000	N	\$1,137,964

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit B)

**All Active Agreements Over \$250,000  
From 01-JUL-2018 To 30-JUN-2019**

Consultant Name	Agreement Number	Board Approved Date	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***
TOWILL, INC.	164106	16-AUG-16	7-5	Engineering Services Group	To provide aerial photogrammetry, mapping, and survey services. RFQ 1132	\$1,000,000	N	\$122,600
QUIGLEY-SIMPSON & HEPPELWHITE, INC.	177668	13-MAR-18	8-2	External Affairs	To provide advertising services including media planning, creative development, and production for a regional mass media communications campaign to increase water awareness and conservation. RFP 1171	\$14,700,000	N	\$5,699,678
HATFIELD & DAWSON CONSULTING ENGINEERS LLC	183257	08-JAN-19	7-1	Information Technology Group	To provide engineering and technical services to upgrade Metropolitan's desert region microwave radio wide-area-network. RFP 1179	\$480,000	N	\$10,247
HBR CONSULTING, LLC	172135	11-JUL-17	8-1	Information Technology Group	To provide digital asset optimization, taxonomy design, and thesaurus development services, in preparation of Metropolitan's implementation of an Enterprise Content Management system. RFP 1154	\$1,450,000	N	\$595,341
SENSIS INC.	185391	09-APR-19	7-2	Information Technology Group	To provide Metropolitan with website redesign services. RFP 1186	\$1,500,000	N	\$0
KPMG, LLP	177666	13-FEB-18	7-1	Office Of The General Auditor	To provide external auditing services. RFP 1167	\$1,764,900	N	\$417,400
ELECTRIC & GAS INDUSTRIES ASSOCIATION	168959	10-APR-18	8-4	Water Resource Management Grp	To administer Metropolitan's water conservation rebate and incentive programs. RFP 1144	\$258,000,000	Y	\$20,972,857
RICHARDSON & COMPANY, LLP	128086	13-MAR-12	8-5	Water Resource Management Grp	To audit State Water Project charges billed by the Department of Water Resources. RFQ 1000	\$7,000,000	N	\$5,529,388
<b>Total Number of Agreements</b>							<b>68</b>	
<b>Totals</b>						<b>\$411,675,900</b>		<b>\$91,404,323</b>

\*\*\* End of Report \*\*\*

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**Annual Professional Services Agreements Report**  
**Agreement Detail (Exhibit C)**  
**All Terminated Agreements**  
**From 01-JUL-2018 To 30-JUN-2019**

<u>Consultant Name</u>	<u>Agreement Number</u>	<u>Board Approved</u>	<u>Board Letter</u>	<u>Organization</u>	<u>Agreement Scope</u>	<u>Maximum Amount Payable *</u>	<u>Rollover **</u>	<u>Contract Term Expenditures ***</u>	<u>Value Received</u>
HELIX ENVIRONMENTAL PLANNING, INC.	156509			Chief Administrative Officer	To provide on-call biological resources management and vegetation and fire management services. RFQ 1048	\$240,000	Y	\$0	Provided biological monitoring and environmental planning services to assist with vegetation and fire management.
IMERGE CONSULTING, INC.	174413			Chief Administrative Officer	To provide backfile conversion analysis of converting paper collections into digital images.	\$49,000	N	\$26,609	Assisted in assessing an outsourced conversion of applicable paper collections to digital format.
PSOMAS	177473			Chief Administrative Officer	To provide environmental mitigation monitoring for seismic upgrades to the Diemer Water Treatment Plant filter outlet conduit. RFQ 1143	\$150,000	N	\$72,088	Provided environmental mitigation monitoring for seismic upgrades to the Diemer Water Treatment Plant filter outlet conduit.
RIVERSIDE COUNTY REGIONAL, PARK AND OPEN-SPACE DISTRICT	A04632	16-JUN-92	8-20	Chief Administrative Officer	To provide management services for the Southwestern Riverside County Multi-Species Reserve.	\$4,697,768	N	\$4,418,884	Provided management services for the Southwestern Riverside County Multi-Species Reserve.
SKILSET COMMUNICATIONS, INC.	154389			Chief Administrative Officer	To provide process improvement, customer relationship management and strategic planning services related to procurement, warehousing, professional contracting and records management.	\$75,000	N	\$61,251	Provided process improvement, customer relationship and brand management, and strategic planning services for the Administrative Services Section.
TRIAD CONSULTING & SYSTEMS DESIGN GROUP	180585			Chief Administrative Officer	To provide a security assessment of critical Metropolitan facilities.	\$24,750	N	\$24,750	Provided an assessment and review of Metropolitan Security Program effectiveness as an enterprise-wide support function to maintain business continuity and operations. Assessed critical infrastructure sites, concentrating on desert conveyance.

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## Annual Professional Services Agreements Report

### Agreement Detail (Exhibit C)

**All Terminated Agreements**  
**From 01-JUL-2018 To 30-JUN-2019**

Consultant Name	Agreement Number	Board Approved	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***	Value Received
AECOM TECHNICAL SERVICES, INC.	140026	20-AUG-13	7-7	Engineering Services Group	To provide on-call engineering services for water treatment facilities, conveyance and distribution facilities, and large rotating equipment. RFQ 1032	\$2,000,000	Y	\$197,978	Provided engineering services for water treatment facilities, conveyance and distribution facilities, and large rotating equipment.
CAROLLO ENGINEERS, INC.	68899	12-JUN-12	8-7	Engineering Services Group	To provide engineering design services for Metropolitan's Weymouth Oxidation Retrofit Program (ORP). RFQ 719	\$14,721,000	N	\$12,837,010	Provided engineering design services for Metropolitan's Weymouth Oxidation Retrofit Program (ORP).
GONZALEZ GOODALE ARCHITECTS	139754			Engineering Services Group	To provide on-call architectural, engineering, landscape design and sustainability services. RFQ 1040	\$245,000	Y	\$0	Provided architectural, engineering, landscape design and sustainability services.
HDR ENGINEERING, INC.	140027	20-AUG-13	7-7	Engineering Services Group	To provide on-call engineering services for water treatment facilities and conveyance and distribution facilities to support capital improvement project objectives. RFQ 1032	\$2,000,000	Y	\$91,413	Provided engineering services for various conveyance and distribution facilities in support of capital improvement projects.
HILTS CONSULTING GROUP, INC.	171748			Engineering Services Group	To provide engineering services for the preliminary design of geomembrane liners and floating covers for the Jensen and Mills Water Treatment Plants. (Former Employee)	\$74,000	N	\$68,475	Provided engineering services for the preliminary design of geomembrane liners and floating covers for the Jensen and Mills Water Treatment Plants.
LA CANADA DESIGN GROUP, INC.	139756			Engineering Services Group	To provide on-call architectural, engineering, landscape design and sustainability services. RFQ 1040	\$245,000	Y	\$0	Provided architectural and engineering design services for various Metropolitan projects.
MAIN SAN GABRIEL BASIN WATERMASTER	160069			Engineering Services Group	To provide groundwater modeling using a proprietary groundwater model of the Main San Gabriel Basin Watermaster.	\$240,000	N	\$233,218	Provided groundwater modeling using a Main San Gabriel Basin Watermaster proprietary groundwater model.
ON-SITE TECHNICAL SERVICES, INC.	159172			Engineering Services Group	To provide on-call fabrication inspection of Metropolitan materials and equipment. RFQ 1121	\$200,000	Y	\$16,114	Provided fabrication inspection of pipe and mechanical equipment in support of various

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**Annual Professional Services Agreements Report**  
**Agreement Detail (Exhibit C)**  
**All Terminated Agreements**  
**From 01-JUL-2018 To 30-JUN-2019**

<u>Consultant Name</u>	<u>Agreement Number</u>	<u>Board Approved</u>	<u>Board Letter</u>	<u>Organization</u>	<u>Agreement Scope</u>	<u>Maximum Amount Payable *</u>	<u>Rollover **</u>	<u>Contract Term Expenditures ***</u>	<u>Value Received</u>
PROCESS APPLICATIONS, INC.	145898	12-JUN-12	8-7	Engineering Services Group	To provide ozone system performance testing and initial process optimization training services for Weymouth Oxidation Retrofit Program.	\$300,000	N	\$246,946	capital projects. Provided third party ozone system performance testing and initial process optimization training services for Weymouth Oxidation Retrofit Program.
PURE TECHNOLOGIES US INC.	167914			Engineering Services Group	To provide prestressed concrete cylinder pipe structural analysis. RFQ 1085	\$240,000	N	\$170,000	Provided prestressed concrete cylinder pipe structural analysis.
REGENTS OF THE UNIVERSITY OF CALIFORNIA, IRVINE	130726	13-MAY-14	8-5	Engineering Services Group	To provide Headquarters Building Seismic Assessment, including fabrication and test of concrete beam specimens, to investigate cyclical force-deformation characteristics.	\$675,000	N	\$551,843	Provided Headquarters Building Seismic Assessment, including fabrication and test of concrete beam specimens, to investigate cyclical force-deformation characteristics.
STANTEC CONSULTING SERVICES INC.	140025	20-AUG-13	7-7	Engineering Services Group	To provide on-call engineering services for water treatment facilities, conveyance and distribution facilities, and large rotating equipment. RFQ 1032	\$2,000,000	Y	\$527,900	Provided engineering services for water treatment facilities, conveyance and distribution facilities, and large rotating equipment.
STANTEC CONSULTING SERVICES INC.	136698	14-APR-15	8-2	Engineering Services Group	To provide preliminary and final design services for the Weymouth Filter Rehabilitation project. RFQ 927	\$2,090,000	N	\$1,737,079	Provided preliminary, final design, and construction support for the Weymouth Filter Rehabilitation project.
STANTEC CONSULTING SERVICES INC.	141224	13-JAN-15	8-3	Engineering Services Group	To provide final design engineering services for the rehabilitation of lagoons located at the Los Angeles Aqueduct Filtration Plant. RFQ 1032	\$700,000	N	\$600,858	Provided final design for the rehabilitation of lagoons located at the Los Angeles Aqueduct Filtration site.
SWIFT LEE OFFICE, INC.	139757			Engineering Services Group	To provide on-call architectural, engineering, landscape design and sustainability services. RFQ 1040	\$245,000	Y	\$60,860	Provided architectural and engineering services for the Garvey Reservoir Water Quality Laboratory Study and Colorado River Aqueduct lodging facilities

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**Annual Professional Services Agreements Report**  
**Agreement Detail (Exhibit C)**  
**All Terminated Agreements**  
**From 01-JUL-2018 To 30-JUN-2019**

Consultant Name	Agreement Number	Board Approved	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***	Value Received
									at Eagle Mountain and Iron Mountain.
TEAM INDUSTRIAL SERVICES	159173			Engineering Services Group	To provide on-call fabrication inspection of Metropolitan materials and equipment. RFQ 1121	\$200,000	Y	\$26,461	Provided inspection of pipe, structural steel, mechanical equipment and non-destructive testing services in support of various capital projects.
TRIMARK ASSOCIATES, INC.	160711			Engineering Services Group	To monitor the performance of the Weymouth solar facilities and report to the California Solar Initiative.	\$25,010	N	\$9,618	Provided performance monitoring of the Weymouth solar facilities and reporting of data as required by the California Solar Initiative.
UTAH STATE UNIVERSITY	173703			Engineering Services Group	To provide computational fluid dynamics computer modeling to evaluate effects of fluid movement on magnetic flow meters.	\$45,000	N	\$33,000	Provided services to optimize configuration of meter modifications for accurate metering of water at low flows to San Diego County.
VALI COOPER & ASSOCIATES, INC.	161846			Engineering Services Group	To provide on-call construction management, including on-site construction inspection and soils, concrete, and materials testing. RFQ 1077	\$245,000	Y	\$0	Provided construction inspection, materials testing, and scheduling support for the Palos Verdes Reservoir Cover and Liner Replacement project.
WATER REPLENISHMENT DISTRICT OF SO. CALIF.	160712			Engineering Services Group	To provide groundwater modeling using a proprietary groundwater model of the Water Replenishment District of Southern California.	\$200,000	N	\$188,418	Provided groundwater modeling using a Water Replenishment District of Southern California proprietary groundwater model.
ZEN ENGINEERING, INC.	170948			Engineering Services Group	To provide AECOsims Building Designer training.	\$14,850	N	\$0	No services were provided.
33 DEGREES, LLC	159647			External Affairs	To provide mailing house and fulfillment services. RFP 1120	\$100,000	Y	\$3,750	Provided mailing house and fulfillment services.

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**Annual Professional Services Agreements Report**  
**Agreement Detail (Exhibit C)**  
**All Terminated Agreements**  
**From 01-JUL-2018 To 30-JUN-2019**

<u>Consultant Name</u>	<u>Agreement Number</u>	<u>Board Approved</u>	<u>Board Letter</u>	<u>Organization</u>	<u>Agreement Scope</u>	<u>Maximum Amount Payable *</u>	<u>Rollover **</u>	<u>Contract Term Expenditures ***</u>	<u>Value Received</u>
ASTOUND GROUP	179377			External Affairs	To develop and provide exhibits and signs for the Regional Water Advanced Purification Center.	\$100,000	N	\$99,772	Provided signage and exhibits for the Regional Recycled Water Advanced Purification Center.
ATTORE AND ASSOCIATES, LLC	168273			External Affairs	To provide strategic advice and assistance in advancing Metropolitan's imported and regional water management and policy objectives.	\$207,000	N	\$195,000	Provided strategic advice and counsel to assist Metropolitan related to the labor community priorities and Metropolitan's infrastructure and associated facilities. Set key meetings to advance Metropolitan interests.
BOOKY OREN GLOBAL WATER TECHNOLOGIES LTD	182172			External Affairs	To provide pilot water innovation workshops.	\$30,000	N	\$30,000	Provided discussion and analysis of Metropolitan's operational challenges and provided innovative solutions for challenges using new global technologies and processes.
DAKOTA COMMUNICATIONS	173527			External Affairs	To provide public outreach services pertaining to the Second Lower Feeder Relining Project.	\$74,500	N	\$70,768	Enhanced public awareness of the Second Lower Feeder Relining Project.
EMC RESEARCH, INC.	165262			External Affairs	To provide attitudinal and awareness surveys of public perceptions and conservation awareness.	\$139,600	N	\$128,995	Conducted two regional attitudinal and awareness surveys in 2016 and 2017.
GARDENSOFT	180957			External Affairs	To develop California native plant resource materials for bewaterwise.com.	\$17,500	N	\$17,500	Provided California native plant resource materials for bewaterwise.com.
GARDENSOFT	171224			External Affairs	To develop California Friendly Garden of the Month videos and promotional marketing tools.	\$30,000	N	\$30,000	Provided Friendly Garden of the Month video content.
GRADES OF GREEN, INC.	177640			External Affairs	To provide education consulting and networking services.	\$10,000	N	\$10,000	Provided consulting & networking services to promote water and conservation education.

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**Annual Professional Services Agreements Report**  
**Agreement Detail (Exhibit C)**  
**All Terminated Agreements**  
**From 01-JUL-2018 To 30-JUN-2019**

<u>Consultant Name</u>	<u>Agreement Number</u>	<u>Board Approved</u>	<u>Board Letter</u>	<u>Organization</u>	<u>Agreement Scope</u>	<u>Maximum Amount Payable *</u>	<u>Rollover **</u>	<u>Contract Term Expenditures ***</u>	<u>Value Received</u>
KATZ & ASSOCIATES, INC.	162319			External Affairs	To provide public outreach planning for the Regional Recycled Water Supply Program. RFP 1129	\$245,000	N	\$120,077	Assisted with the development of the outreach plan for the Regional Recycled Water Program and provided strategic guidance on potable reuse communications.
LANDSCAPE INTEGRITY FILMS AND EDUCATION	178493			External Affairs	To create educational conservation videos highlighting benefits and maintenance of Southern California native plants.	\$6,000	N	\$6,000	Provided six unique digital content videos highlighting Southern California native plants.
OCCIDENTAL COLLEGE	149083			External Affairs	To provide solar boat technical advisory services. RFP 1078	\$50,000	Y	\$0	Provided solar boat technical advisory services to high school teams participating in Metropolitan's Solar Cup.
PELOTE STRATEGIC CONSULTING & ADVOCACY	168877			External Affairs	To provide legislative consulting services advancing Metropolitan's state policy priorities and objectives.	\$235,000	N	\$210,000	Advanced Metropolitan's state legislative agenda and broadening Metropolitan's outreach. Assisted in advocating for and securing votes to ensure the passage of the 2018 water use efficiency and drought planning legislative package.
RESPONSIBLE SOLUTIONS, LLC	174399			External Affairs	To provide government relations and public outreach consulting services for the San Diego region.	\$90,000	N	\$84,000	Informed and educated San Diego civic leaders, public officials and stateholders about Metropolitan's policies, programs and projects, including local resources, conservation and California WaterFix.
SUSTAINABLE STRATEGIES, LLC	169704			External Affairs	To advise Metropolitan on water policy related to national, regional, and local issues.	\$140,000	N	\$120,363	Advised on key policy issues related to the Colorado River and Metropolitan's long-term Integrated Water Resources Plan. Reviewed federal legislation and areas of common

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SUSTAINABLE STRATEGIES, LLC	179094			External Affairs	To advise Metropolitan on water policy related to national, regional, and local issues.	\$140,000	N	\$130,872	ground with other states. Advised on federal policies related to climate control.
THE COMMUNITY SCIENCE ACADEMY	175938			External Affairs	To develop and conduct Metropolitan's Water Quality education lessons.	\$9,000	N	\$8,756	Communicated Metropolitan's positions on water policy issues related to national, regional, and local issues to a wide variety of national audiences. Assisted in the review of federal legislation related to the Drought Contingency Plan.
DANNA, MINDY	136384			Human Resources Group	To provide on-call coaching, training and organizational development services.	\$24,900	Y	\$0	Introduced teachers and students to Metropolitan's water quality tests and classroom lessons. Provided teacher workshops on water quality lessons and offered classroom visits.
HR BIZZ, LLC	156649			Human Resources Group	To provide on-call coaching, training and organizational development services.	\$23,850	Y	\$2,450	Provided coaching, training and organizational development services.
HYAS GROUP, LLC	172534			Human Resources Group	To provide professional and technical expertise in the development of Metropolitan's Request for Proposal (RFP) for deferred compensation and record keeping services.	\$25,000	N	\$0	Provided internal training for managers.
LONGEVITY	177055			Human Resources Group	To provide onsite medical radiology screening to Metropolitan staff.	\$40,000	N	\$15,981	Assisted with the development and facilitation of Metropolitan's RFP for the 401(k) and 457(b) deferred compensation and record keeping services.
									Provided medical testing during Metropolitan's 2018 Wellness Fair.

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MOMENTS OF FOCUS LLC	157372			Human Resources Group	To provide on-call professional development training.	\$24,999	Y	\$2,400	Provided professional development training.
POV COLLABORATIVE, INC.	156988			Human Resources Group	To provide on-call coaching, training, and organizational development services.	\$24,900	Y	\$300	Provided organizational development services to advance Metropolitan's human resources goals.
PREMIER FAMILY MEDICINE ASSOCIATES, INC.	157991			Human Resources Group	To provide as-needed occupational medical services for Metropolitan staff.	\$15,000	Y	\$3,951	Provided medical services mandated by OSHA and Department of Transportation.
TRUE SYNERGY, INC.	157375			Human Resources Group	To provide on-call coaching, training and organizational development services.	\$24,800	Y	\$875	Provided emotional intelligence training seminars.
WESTERN ENERGY AND WATER	178396			Human Resources Group	To provide assistance in the recruitment of Metropolitan's Water System Operations Power Operations Planning Section Manager.	\$49,999	N	\$46,210	Provided assistance in the recruitment process for the Water System Operation's Power Operations Planning Section Manager.
ADVANCED ELECTRONICS, INC.	153742			Information Technology Group	To provide on-call two-way radio engineering and maintenance services. RFQ 1096	\$145,000	Y	\$0	Provided two-way radio support.
APPLICATION SOFTWARE TECHNOLOGY LLC	159174			Information Technology Group	To provide on-call Enterprise Service Bus (ESB) support. RFQ 1118	\$200,000	Y	\$0	No services were provided.
BENTLEY SYSTEMS, INC.	157974			Information Technology Group	To provide on-call technical support for the ProjectWise computer-aided design (CAD) system.	\$24,900	Y	\$0	Assisted Metropolitan with the implementation and configuration of the Bentley Open Plant software.

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CHIU, JOSEPH S.	179712			Information Technology Group	To provide cybersecurity consulting services for Metropolitan's supervisory control and data acquisition (SCADA) system upgrade.	\$120,000	N	\$0	No services were provided.
CHIU, JOSEPH S.	178904			Information Technology Group	To provide cybersecurity services to develop micro-segmentation of Metropolitan's domains, assess and validate source and destination firewall traffic, and implement new firewall rules.	\$140,000	N	\$140,000	Provided cybersecurity services to develop micro-segmentation of Metropolitan's domains, assessed and validated source and destination firewall traffic, and implemented new firewall rules.
CIVIC RESOURCE GROUP INTERNATIONAL, INC.	155731			Information Technology Group	To provide on-call business applications services. RFQ 1094	\$200,000	Y	\$0	No services were provided.
CONNIXT, INC.	155723			Information Technology Group	To provide on-call business applications services. RFQ 1094	\$200,000	Y	\$0	No services were provided.
DIMENSION SYSTEMS, INC.	152700			Information Technology Group	To provide on-call technical support for the PeopleSoft system. RFQ 1088	\$200,000	Y	\$0	No services were provided.
GARTNER, INC.	156302			Information Technology Group	To provide technical advice through the Gartner for IT Executives CIO Essentials subscription and related services.	\$100,000	Y	\$0	Provided information technology technical advisory and research services to management assisting with strategic decisions and technology solutions.
HIGH POINT COMMUNICATIONS	172788			Information Technology Group	To provide radio site surveys for Metropolitan's enterprise wireless network upgrade project.	\$49,500	N	\$49,500	Conducted equipment testing for the Desert Tower Microwave Upgrade Project.
INFORMATION MANAGEMENT RESOURCES, INC.	156569			Information Technology Group	To provide on-call project support for the implementation of security tools and products. RFQ 1098	\$240,000	Y	\$0	No services were provided.

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INLAND VALLEY CONSTRUCTION CO., INC.	153743			Information Technology Group	To provide on-call two-way radio engineering and maintenance services. RFQ 1096	\$145,000	Y	\$0	No services were provided.
LEARNQUEST, INC.	180949			Information Technology Group	To provide Apple iOS, Apple Pro Apps, and iOS technician training.	\$33,250	N	\$33,250	Provided training and technical support for Apple and iOS deployment for mobile computing.
MILLI MICRO SYSTEMS, INC.	156571			Information Technology Group	To provide on-call project support for the implementation of security tools and products. RFQ 1098	\$240,000	Y	\$0	No services were provided.
MORRIS & WILLNER PARTNERS, INC.	156559			Information Technology Group	To provide on-call project support for the implementation of security tools and products. RFQ 1098	\$240,000	Y	\$0	No services were provided.
MORRIS & WILLNER PARTNERS, INC.	155730			Information Technology Group	To provide on-call business applications services. RFQ 1094	\$200,000	Y	\$0	Provided technical support for the Board Document Management System upgrade.
ORACLE AMERICA, INC.	178785			Information Technology Group	To implement Oracle's Active Data Guard for Metropolitan's disaster recovery upgrade project.	\$176,543	N	\$153,426	Assisted with the development of Active Data Guard architecture for database configuration and implementation.
PARSONS ENVIRONMENT & INFRASTRUCTURE	164882			Information Technology Group	To provide on-call information technology project management and project control services. RFQ 1112	\$49,000	Y	\$0	No services were provided.
PARSONS ENVIRONMENT & INFRASTRUCTURE	155729			Information Technology Group	To provide on-call SharePoint and mobile development services. RFQ 1094	\$200,000	Y	\$0	No services were provided.
PI TECHNOLOGY, INC.	155728			Information Technology Group	To provide on-call Microsoft.Net development to support key areas of Metropolitan's business application services. RFQ 1094	\$200,000	Y	\$0	No services were provided.

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REGENTS OF THE UNIVERSITY OF CA AT IRVINE	179952			Information Technology Group	To provide Oracle Structured Query Language (SQL) tuning training.	\$6,260	N	\$6,260	Provided training on tuning SQL scripts to retrieve data from the database.
SIERRA CYBERNETICS, INC.	155727			Information Technology Group	To provide on-call SharePoint and mobile development services. RFQ 1094	\$200,000	Y	\$0	No services were provided.
STRATEGIC MANAGEMENT ASSOCIATES	156567			Information Technology Group	To provide on-call project support for the implementation of information technology security tools and products. RFQ 1098	\$240,000	Y	\$0	No services were provided.
SYSTEMS INTEGRATED	168888	14-MAR-17	8-1	Information Technology Group	To replace Metropolitan's remote telemetry units and central processing unit.	\$2,071,350	N	\$1,927,224	Replaced 330 remote telemetry unit central processing units, including operating systems and associated equipment, with labor design, installation, and commission.
TEVORA BUSINESS SOLUTIONS, INC.	181638			Information Technology Group	To perform cybersecurity penetration testing and vulnerability assessment.	\$74,000	N	\$30,000	Performed cybersecurity penetration testing and vulnerability assessment.
THE SEXTANT GROUP, INC.	158879			Information Technology Group	To provide preliminary and final design, and technical support for the upgrade of Metropolitan's board and committee rooms.	\$245,000	N	\$135,997	Provided preliminary and final design, and technical support for the upgrade of Metropolitan's board and committee rooms.
ZENSAR TECHNOLOGIES, INC.	152703			Information Technology Group	To provide on-call technical support for the Oracle Enterprise Business Suite. RFQ 1088	\$200,000	Y	\$0	Provided technical support for Oracle Enterprise Business Suite R12 upgrade.
JENKINS & HOGIN, LLP	172140			Office Of Ethics	To provide strategic and legal analysis of Ethics Office policies, procedures, and investigations.	\$40,000	Y	\$0	Provided independent strategic input and legal analysis on questions involving ethics office policies.

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ARUP NORTH AMERICA, LTD.	143949			Office Of The General Manager	To provide on-call technical support for Bay-Delta issues relating to water resource and water quality analysis and fisheries and ecological analysis. RFQ 1065A	\$240,000	Y	\$82,889	Provided review and analysis of the construction impacts, seepage reanalysis, and seismic tunnel segment analysis for the California WaterFix.
BRENNAN, JEWETT & ASSOCIATES	167073			Office Of The General Manager	To provide agricultural land management, brokerage, and appraisal services in the Sacramento Valley region.	\$150,000	N	\$18,681	Analyzed farm activities on Delta Islands related to costs and market conditions, including environmental effects and conditions.
FORKEL, DAVID	163160			Office Of The General Manager	Manage the day-to-day operations and various programs related to Metropolitan's Delta properties and reclamation districts.	\$221,000	Y	\$198,176	Provided technical support for the management of the Delta properties and coordination with the reclamation districts.
JET PROPULSION LABORATORY	158351			Office Of The General Manager	To provide a study that investigates drivers and spatial variability of turbidity in the San Francisco Bay Delta Estuary.	\$85,000	N	\$85,000	Enhanced Metropolitan's scientific understanding of turbidity dynamics in Suisun Bay and developed algorithms to use on satellite data.
MOFFAT & NICHOL	143894			Office Of The General Manager	To provide on-call technical support for Bay-Delta issues relating to water resource and water quality analysis and fisheries and ecological analysis. RFQ 1065	\$245,000	Y	\$0	Provided technical support for the Fremont Weir passage project and conceptual plan, feasibility study, and estimates for Franks Tract.
OREGON STATE UNIVERSITY	148561			Office Of The General Manager	To provide on-call technical and scientific expertise to support State Water Project export regulations designed to protect and enhance fisheries.	\$170,000	Y	\$105,000	Provided technical and scientific expertise to support State Water Project export regulations designed to protect and enhance fisheries.

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R2 RESOURCE CONSULTANTS, INC.	154841			Office Of The General Manager	To provide on-call professional and technical support for Bay-Delta issues including statistical analysis, fish survey study design and development, support for restoration, and the Endangered Species Act. RFQ 1065	\$245,000	Y	\$21,151	Provided technical support for the Reconstruction of Delta Smelt database and Ecosystem Reconciliation Concept.
SIVAPALAN, MURUGESU	162562			Office Of The General Manager	To provide technical and scientific guidance in hydrology and to collaborate with UC Berkeley to complete analysis and model development for shifting baselines in the San Francisco Bay-Delta Watershed study.	\$10,000	N	\$10,000	Provided expert guidance in completing the analysis and model development for the shifting baselines in the San Francisco Bay-Delta Watershed study.
U.S. FOREST SERVICE	171372			Office Of The General Manager	To provide fish misidentification research.	\$32,887	N	\$32,568	Provided data processing and development of hypotheses and statistical analysis on fish misidentification.
WILMER CUTLER PICKERING HALE AND DORR, LLP	173653	09-JAN-18	7-3	Office Of The General Manager	To provide Special Counsel for advice regarding reporting structure, policies and procedures, and investigations of a statutorily-created ethics office.	\$500,000	N	\$500,000	Reviewed the policies and procedures of Metropolitan's Ethics Office and provided recommendations for consideration to Metropolitan's Board of Directors.
A N PALEY & ASSOCIATES, LTD	182825			Real Property	To validate the statement of energy performance to qualify for the Energy Star Program.	\$1,550	N	\$1,550	Validated the statement of energy performance for Metropolitan Headquarters resulting in an Energy Star certification rating of 92 percent.
CLAMPETT INDUSTRIES, LLC	176004			Real Property	To provide a facility condition assessment of the Diamond Valley Lake Visitor Center.	\$8,800	N	\$8,800	Provided a detailed facility condition assessment of the Diamond Valley Lake Visitor Center.

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MORRISON PROPERTY INSPECTIONS	180234			Real Property	To assess the condition of a commercial/residential building at 4657 E. Huntington Drive in Los Angeles.	\$1,500	N	\$1,500	Provided a facility condition assessment of 4657 E. Huntington Drive in Los Angeles.
RCS APPRAISAL, INC.	175581			Real Property	To appraise a proposed conservation easement in the Palo Verde Irrigation District.	\$12,000	N	\$12,000	Provided real estate appraisal of the Dennis Underwood Conservation Area in the Palo Verde Irrigation District.
RCS APPRAISAL, INC.	182928			Real Property	To update the Palo Verde Dennis Underwood appraisal report.	\$5,800	N	\$5,800	Provided an updated appraisal of the 635-acre Palo Verde Dennis Underwood Restoration Easement.
STATE OF CALIF. DEPT. OF PARKS & RECREATION	127740			Real Property	To provide law enforcement services to ensure boating and public safety as well as resource protection.	\$115,000	Y	\$0	Provided law enforcement services to support recreational, operational activities, and resource protection at Lake Mathews and Diamond Valley Lake.
CHILDRESS, AMY	182974			Water Resource Management Grp	To review and evaluate proposals submitted by Metropolitan's member agencies for the 2018 Future Supply Actions (FSA) Funding Program.	\$11,500	N	\$11,500	Reviewed and evaluated proposals submitted by Metropolitan's member agencies for the 2018 Future Supply Actions (FSA) Funding Program.
COHEN, YORAM	182767			Water Resource Management Grp	To review and evaluate proposals submitted by Metropolitan's member agencies for the 2018 Future Supply Actions (FSA) Funding Program.	\$11,500	N	\$11,500	Reviewed and evaluated proposals submitted by Metropolitan's member agencies for the 2018 Future Supply Actions (FSA) Funding Program.
DCSE, INC.	170091			Water Resource Management Grp	To develop a data management system for Metropolitan lands in Palo Verde Irrigation District. RFQ 1122	\$230,000	N	\$230,000	Developed a tool to analyze consumptive water use on agricultural lands from remote sensing imagery and created GIS assets for Palo Verde Irrigation District infrastructure and Metropolitan farmland.

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GREEN MEDIA CREATIONS, INC.	160634			Water Resource Management Grp	To administer Metropolitan's Residential Turf Removal Training Program. RFP 1111	\$200,000	Y	\$0	Educated the public about lawn care and removal in a manner that promotes water savings.
GREEN MEDIA CREATIONS, INC.	159648			Water Resource Management Grp	To provide as-needed California Friendly Landscape Training classes. RFP 1109	\$235,000	Y	\$13,280	Educated the public about lawncare strategies such as incorporating devices, irrigation, and native plants that would save water.
MCCARTHY, THEODORE JAY	183247			Water Resource Management Grp	To provide a review of water savings from the turf replacement study.	\$4,000	N	\$3,000	Provided technical peer review of a draft study report on water savings from Metropolitan's Turf Replacement Program.
UNIVERSITY OF SOUTHERN CALIFORNIA	175047			Water Resource Management Grp	To develop aerial imaging methodology to estimate spillover effects of the Turf Replacement Program.	\$33,000	N	\$33,000	Developed aerial imaging methodology to estimate spillover effects of the Turf Replacement Program.
WATERWISE CONSULTING, INC.	160247			Water Resource Management Grp	To provide inspection and verification of turf removal and devices for Metropolitan's conservation rebate programs. RFP 1107	\$200,000	Y	\$7,594	Provided conservation inspection services. Worked with rebate vendor to seamlessly manage inspections and reporting.
WATERWISE CONSULTING, INC.	160633			Water Resource Management Grp	To provide landscape irrigation surveys and recommendations to improve irrigation efficiency for large residential and commercial properties. RFP 1106	\$200,000	Y	\$0	Provided landscape irrigation surveys and recommendations to improve irrigation efficiency for large residential and commercial properties.
WOLFE WATER CONSULTING, LLC	182973			Water Resource Management Grp	To review and evaluate proposals submitted by Metropolitan's member agencies for the 2018 Future Supply Actions (FSA) Funding Program. (Former Employee)	\$11,500	N	\$11,500	Reviewed and evaluated proposals submitted by Metropolitan's member agencies for the 2018 Future Supply Actions (FSA) Funding Program.

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3E COMPANY ENVIRONMENTAL, ECOLOGICAL AND ENGINEERING	161819			Water System Operations Group	To develop and maintain a comprehensive database of Metropolitan's site-specific chemical inventory and to provide Safety Data Sheet management services. RFP 1130	\$75,000	Y	\$0	Maintained Metropolitan's compliance with hazard communication regulations with access to Safety Data Sheets.
AECOM TECHNICAL SERVICES, INC.	156042			Water System Operations Group	To provide on-call diving, underwater inspection and related services. RFQ 1082	\$50,000	Y	\$0	No services were provided.
CITY OF RIO VISTA	176817			Water System Operations Group	To provide technical expertise for a Peace Officer Standards and Training (POST) feasibility study regarding granting limited peace officer powers to Metropolitan security specialists.	\$15,000	N	\$0	No services were provided.
CLARK SEIF CLARK, INC.	159900			Water System Operations Group	To provide on-call general industrial hygiene services. RFQ 1113	\$150,000	Y	\$0	Provided general industrial hygiene services.
EHS INTERNATIONAL, INC.	151400			Water System Operations Group	To provide as-needed environmental, safety, technical, and operations training to ensure employee safety and compliance with regulatory requirements. RFQ 1081	\$70,000	Y	\$12,650	Provided environmental, safety, technical, and operations training to ensure employee safety and compliance with regulatory requirements.
EMSL ANALYTICAL, INC.	156034			Water System Operations Group	To provide as-needed analysis of potentially hazardous materials. RFQ 1095	\$50,000	Y	\$2,436	Analyzed concentrations of potential hazardous materials to which Metropolitan employees or the public may be exposed.
GLOBAL ENVIRONMENTAL NETWORK, INC.	159901			Water System Operations Group	To provide on-call general industrial hygiene services. RFQ 1113	\$75,000	Y	\$0	Provided general industrial hygiene services.

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GLOBAL ENVIRONMENTAL NETWORK, INC.	151401			Water System Operations Group	To provide as-needed environmental, safety, technical, and operations training to ensure employee safety and compliance with regulatory requirements. RFQ 1081	\$60,000	Y	\$8,400	Provided first responder and other mandatory safety training to Metropolitan staff.
INDUSTRIAL HYGIENE MANAGEMENT, INC.	159902			Water System Operations Group	To provide on-call general industrial hygiene services. RFQ 1113	\$150,000	Y	\$0	Provided general industrial hygiene services.
INDUSTRIAL HYGIENE MANAGEMENT, INC.	159903			Water System Operations Group	To provide on-call industrial ventilation evaluation and air sampling for compliance with regulations and industry standards. RFQ 1114	\$80,000	Y	\$0	Provided industrial ventilation assessments and air testing.
LEARN CPR 4 LIFE, INC.	151402			Water System Operations Group	To provide as-needed safety and environmental training to ensure employee safety and compliance with regulatory requirements for first aid and CPR. RFQ 1081	\$35,000	Y	\$2,130	Provided first aid and CPR training to Metropolitan staff.
MM DIVING INC.	156041			Water System Operations Group	To provide on-call diving, underwater inspection, and related services. RFQ 1082	\$150,000	Y	\$0	Provided diving support services.
MT. SAN ANTONIO COLLEGE	180656			Water System Operations Group	To provide welding courses and laboratory facilities for mechanical apprentices.	\$25,550	N	\$25,550	Provided instructional services and practical laboratory facilities for Metropolitan's Mechanical Apprenticeship Program.
NATEC INTERNATIONAL, INC.	151403			Water System Operations Group	To provide as-needed environmental, safety, technical, and operations training to ensure employee safety and compliance with regulatory requirements. RFQ 1081	\$60,000	Y	\$4,720	Provided mandatory safety training to Metropolitan staff.

\* For rollover agreements, amount represents funds available per contract year. For regular (non-rollover) agreements, amount represents funds available during entire contract term.  
 \*\* Rollover Agreement - Typically established with a maximum 3-year term and a maximum amount payable per contract year. Subsequent years require approval in accordance with Operating Policy A-02.  
 \*\*\* For rollover agreements, amount represents expenditures during most recent contract year. For regular agreements, amount represents expenditures during entire contract term.



## Annual Professional Services Agreements Report Agreement Detail (Exhibit C)

All Terminated Agreements  
From 01-JUL-2018 To 30-JUN-2019

Consultant Name	Agreement Number	Board Approved	Board Letter	Organization	Agreement Scope	Maximum Amount Payable *	Rollover **	Contract Term Expenditures ***	Value Received
Total number of Agreements :				121	Total	\$44,223,816		\$27,474,825	

\*\*\* End of Report \*\*\*

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\* For rollover agreements, amount represents funds available per contract year. For regular (non-rollover) agreements, amount represents funds available during entire contract term.

\*\* Rollover Agreement - Typically established with a maximum 3-year term and a maximum amount payable per contract year. Subsequent years require approval in accordance with Operating Policy A-02.

\*\*\* For rollover agreements, amount represents expenditures during most recent contract year. For regular agreements, amount represents expenditures during entire contract term.

Board Letter information relates to the most current agreement action.