

CONTRACT WORK ORDER (CWO)/MODIFICATION LOG

ATTACHMENT B

Project	CWO #	Description / Working Title	Total Contract Value	Date Executed	PoP Ends
Program Control Admin.	1	Program-wide Management Support: Metro requires Program Management Support Services (PMSS) in support of delivering Metro's transit, highway, regional rail, and other capital improvement projects on-time and within budget. The Consultant shall allocate technical expertise and proper resources in a timely manner, manage the contract budget, prepare forms and submittals as required, in addition to control, monitor, report on all costs, expenditures, schedule, and understand the contract requirements.	\$645,684.71	8/31/2017	6/30/2018
	1.1	Program-wide Management Support - Modify to Add Risk Assessment Advisor: This modification adds James Zack Consulting, LLC to the CWO.	\$16,350.00	11/15/2017	6/30/2018
	1.2	Program-wide Management Support - Modify City of Los Angeles Guidelines for LA Metro Projects: Program Management requires additional personnel with different technical expertise be added to perform priority policies and procedures.	\$57,629.36	1/23/2018	6/30/2018
	1.3	Program-wide Management Support - Extend PoP for FY19 (SOW same as original)	\$724,833.00	6/20/2018	6/30/2019
	1.4	Vehicle Lease for DEO, Cost Estimating: Metro requires a vehicle lease for DEO, Cost Estimating for travel to the Integrated Project Management Offices (IPMOs) and other work-related locations with a not to exceed yearly mileage of 12,000 miles.	\$9,303.00	8/24/2018	8/18/2019
	1.5	Add Facilitator/ Instructor for Program Management Leadership Team Workshop: facilitate a leadership team workshop of up to 30 Executive and Deputy Executive level attendees; create draft curriculum focused on themes of communication/trust, provide all handouts, presentations to conduct and facilitate the workshop; staff interviews; Final Workshop curriculum; workshop on October 19, 2018; post workshop meeting debrief to discuss consultant recommendations.	\$24,164.51	10/9/2018	6/30/2019
	1.6	Vehicles: three 24-month vehicle leases for New Blue projects and two 24-month vehicle leases for Soundwall 11 for travel to work-related locations with a not to exceed yearly mileage of 12,000 miles per vehicle. Metro staff may only use the vehicle for project use. The eligible costs including monthly costs for the lease, insurance, registration, and vehicle safety equipment and allocation for fuel and maintenance were included in the calculated NTE final value.	\$135,884.50	10/9/2018	10/30/2020
	1.7	Parking: Modify to add monthly parking passes for each vehicle added in MOD 6. Three 24-month parking passes for New Blue projects and two 24-month parking passes for Soundwall 11. Include one-time fee for the parking card for each vehicle.	\$10,230.00	11/15/2018	10/30/2020
	1.8	Program - wide Management Support - Extend PoP for FY20 (SOW same as original)	\$762,538.00	8/5/2019	6/30/2020
	1.9	Vehicle lease extension for Cost Estimating	\$8,867.00	10/29/2020	9/30/2020
	1.10	Sr. Program Management Analyst support for Project Control tasks such as coordinating meetings, tracking contract budgets, creating and dispersing reports, etc.	\$95,405.00	10/18/2020	6/30/2020
	1.11	Continued PMSS through FY21	\$477,218.00	7/9/2020	6/30/2021
1.12	Vehicle Lease Extension - FY21	\$75,277.00	1/21/2021	10/31/2022	
ESOC	2	Constructability Evaluation and Risk Assessment Review: The Contractor shall perform a Constructability Evaluation and Risk Assessment relating to the Emergency Security Operation Center (ESOC) Project, particularly as it relates to transferred risks.	\$114,797.62	9/18/2017	11/17/2017
	2.1	Constructability Evaluation and Risk Assessment Review Mod 001 - Review of Cost Estimate: Contractor shall perform a Constructability Evaluation and Risk Assessment relating to the Emergency Security Operation Center Project, particularly as it relates to transferred risks. Modification No.1 to the subject CWO is required to add estimate review scope.	\$19,205.95	10/27/2017	11/17/2017
	2.2	Constructability Evaluation and Risk Assessment Review Mod 002 - Time Extension through December 17, 2017. The scope of services, as detailed in CWO-002, remains unchanged and there is no increase to the contract value.	\$0.00	11/15/2017	1/31/2018
	2.3	Constructability Evaluation and Risk Assessment Review Mod 003 - ODC's - Travel and Time Extension: Modify Contract Work Order AE35279-002 to add Other Direct Costs (ODCs) -Travel, for previously approved personnel of Consultant to attend one review meeting with Metro staff. Extend Period of Performance for Contract Work Order AE35279-002 from December 17, 2017 to January 31, 2018	\$1,631.00	12/8/2017	1/31/2018
	2.4	Constructability Evaluation and Risk Assessment Review Mod 004 - Time Extension through March 31, 2018. The scope of services, as detailed in CWO-002, remains unchanged and there is no increase to the contract value.	\$0.00	1/30/2018	3/31/2018
	2.5	Constructability Evaluation and Risk Assessment Review Mod 005 - Time Extension through June 30, 2018. The scope of services remains unchanged and there is no increase to the contract value.	\$0.00	3/13/2018	6/30/2018
	2.6	CWO Closeout	(\$12,847.75)	3/18/2020	3/30/2020
Project Delivery Support	3	Project Delivery Development Support - Overall advice and assistance are required on federal and project implementation issues that arise on Metro's major capital, including assistance on National Environmental Policy Act (NEPA) issues and documents, and litigation issues involving or affecting Metro projects.	\$300,000.00	9/12/2017	6/30/2018
	3.1	Project Delivery Development Support - Modified Direct Rate Ranges: Remove the fixed "Rate Per Hour" for the Project Delivery & Contract Development Technical Advisor and replace it with a "Direct Rate Range".	\$0.00	10/26/2017	10/26/2017
	3.2	Project Delivery Development Support - Extend PoP for FY19: continuation of support services for FY19; overall advice and assistance required on federal and project implementation issues that arise on Metro major capital projects including NEPA, full funding grant agreement, and litigation affecting the projects.	\$224,561.00	6/29/2018	6/30/2019
	3.3	Overall Advice and assistance are required on federal and project implementation issues that arise on Metro's major capital, including assistance on National Environmental Policy Act (NEPA) issues and documents, full funding grant agreement - Program Control, WPLE 2, WPLE 3	\$116,880.00	6/28/2019	6/30/2020
	3.4	Addition of support services for Capital investment grants as outlined in the original SOW & deletion of work for Construction Administration	(\$1.00)	5/7/2020	7/31/2020
	3.5	PoP extension of Project Delivery Development support	\$0.00	6/29/2020	7/31/2021
Crenshaw LAX SWY	4	Cost Estimating Support Services for Crenshaw/LAX and SW Yard Projects: Metro requires program control support services for Crenshaw/LAX and Division 16 Southwestern Yard Maintenance Projects; services to assist Metro to perform estimating functions: support development of budgets for the projects, support design optimization and constructability of the projects, and support procurement and administration of both project contracts.	\$1,057,745.06	9/15/2017	6/30/2018
	4.1	Crenshaw/LAX & Southwestern Yard Projects: Metro requires construction management support/Sr. Configuration Management Analyst on Division 16 Southwestern Yard Maintenance Project to be added to the program control support services scope.	\$121,907.44	11/13/2017	6/30/2018
	4.2	Cost Estimating Support Services for Crenshaw/LAX and SW Yard Projects - Add Personnel: Metro requires additional Sr. Cost Estimator to support Crenshaw/LAX and Division 16 Southwestern Yard Maintenance Projects and has designated an existing Sr. Cost Estimator with increased complexity of tasks justifying a rate increase.	\$148,972.69	12/22/2017	6/30/2018
	4.3	Crenshaw/LAX & Southwestern Yard Projects - Scheduling Support: addition of an experienced scheduler to perform schedule analysis tasks.	\$27,093.33	2/1/2018	6/30/2018
	4.4	Cost Estimating Support Services for Crenshaw/LAX and SW Yard Projects - Additional estimating personnel including Sr. Estimator and Cost Estimating Manager to support existing scope; funding already in existence through original CWO.	\$0.00	5/4/2018	6/30/2018

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Crenshaw LAX SWY	4.5	Crenshaw/LAX & Southwestern Yard Projects - Program Control Support Services - Extend Period of Performance: continuation of support services through FY19.	\$1,804,836.00	6/25/2018	6/30/2019
	4.6	Add experienced scheduling support services for Crenshaw/LAX project to perform schedule analysis tasks.	\$218,069.00	9/5/2018	6/30/2019
	4.7	Add Sr. Configuration Management Analyst: addition of an experienced Sr. Configuration Management Analyst to perform schedule analysis tasks.	\$68,268.00	9/5/2018	6/30/2019
	4.8	FY20 continuation of cost estimating, configuration management, and cost/schedule staff and addition of new cost estimating staff.	\$1,716,859.00	6/17/2019	6/30/2020
	4.9	Additional cost schedule analyst staff support services for Crenshaw and Eastside Light Rail Access	\$70,633.00	3/3/2020	7/31/2020
	4.10	Reducing Southwestern Yard services under CWO 4 and increasing services for Crenshaw/LAX.	\$348,054.35	6/30/2020	6/30/2021
	4.11	Add Sr. Scheduler Support Services to Crenshaw	\$31,974.00	10/26/2020	6/30/2021
PMIS	5	Project Management Information System (PMIS) Ongoing Support: Contractor shall provide technical expertise to perform ongoing PMIS supporting, including hosting and on-going technical and implementation support as required to support existing systems.	\$451,825.10	9/29/2017	6/30/2018
	5.1	PMIS Ongoing Support - Travel ODC's: Modify Contract Work Order AE35279-005 to add Other Direct Costs (ODCs) - Travel for previously approved personnel of listed subconsultant, Stellar Services.	\$20,376.00	12/5/2017	6/30/2018
	5.2	PMIS Ongoing Support - The required ongoing support for PMIS remains unchanged.	\$102,439.27	2/5/2018	6/30/2018
	5.3	PMIS Ongoing Support - Extend Period of Performance: ongoing PMIS supporting, including hosting and on-going technical and implementation support as required to support existing systems.	\$599,106.00	6/20/2018	6/30/2019
	5.4	PMIS Ongoing Support - Revise Stellar scope of work to include programming support and troubleshooting for the new Oracle Primavera Unifier application. Support is required to assist in system design and testing for cost forecasting functionality development that will eventually replace the EcoSys application.	\$74,826.00	1/18/2019	6/30/2019
	5.5	PMIS Ongoing Support - Extend Period of Performance: ongoing PMIS supporting, including hosting and on-going technical and implementation support as required to support existing systems.	\$1,925,894.00	7/31/2019	7/31/2020
	5.6	PMIS FY20 Oracle Unifier system requires system enhancements specific to Metro's application.	\$402,779.00	2/12/2020	6/30/2020
	5.7.1	PMIS FY21 Systems Ongoing Support	\$1,822,376.00	7/30/2020	6/30/2021
	5.7.2	PMIS FY21 Systems Ongoing Support: I-5	\$100,000.00	11/3/2020	6/30/2021
	5.8	PoP extension through 7/30	\$0.00	7/2/2020	7/30/2020
WPLE 1	5.9	Brio Solution and Electronic signatures	\$44,241.00	12/14/2020	7/30/2021
	6	WPLE 1 Project requires scheduling, cost engineering, and estimating support services.	\$919,952.06	9/19/2017	6/30/2018
	6.1	PoP Extension for FY2019: SOW in original.	\$722,326.00	6/21/2018	6/30/2019
	6.2	Substitute Sr. Cost Estimator at a lower rate.	(\$18,551.58)	11/13/2018	6/30/2019
	6.3	Continuation of cost estimating services and addition of cost/schedule analyst support for FY20.	\$1,363,051.00	6/10/2019	6/30/2020
	6.4	WPLE 1 - Continuation of PMSS through FY21	\$652,039.00	7/1/2020	6/30/2021
WPLE 2	7	WPLE 2 Project requires scheduling, cost engineering, and estimating support services.	\$627,112.16	9/19/2017	6/30/2018
	7.1	Substitute Personnel: Consultant shall substitute one Sr. Cost Estimator with one Sr. Cost Estimator provided by its approved, listed Subconsultant to support Westside Purple Line Section 2.	(\$7,637.35)	12/27/2017	6/30/2018
	7.2	Eliminate Sr. Cost/Schedule Analyst Position: Based on the current Project needs, the Sr. Cost/Schedule Analyst Position is no longer required.	(\$234,501.26)	1/29/2018	6/30/2018
	7.3	PoP Extension for FY2019: continuation of cost estimating support services for FY19.	\$504,336.00	6/29/2018	6/30/2019
	7.4	PoP Extension for FY2019: continuation of cost estimating support services for FY20.	\$1,096,360.00	7/9/2019	6/30/2020
Environmental	7.5	WPLE 2 - Continuation of PMSS through FY21	\$251,152.00	7/1/1930	6/30/2021
	8	The Environmental Compliance and Sustainability Program requires support services, including project controls and estimating support.	\$457,408.18	9/13/2017	6/30/2018
	8.1	Consultant to add more personnel that were inadvertently omitted from the list of approved personnel of approved, listed subconsultant, Lenax Construction	\$0.00	11/20/2017	6/30/2018
	8.2	Additional personnel inadvertently omitted from the list of approved personnel of approved, listed subconsultant, Lenax Construction Services, Inc.	\$0.00	12/13/2017	6/30/2018
	8.3	Extend PoP into FY2019: continued support services including project controls and estimating services as previously detailed in original CWO 8.	\$630,051.00	6/20/2018	6/30/2019
	8.4	Substitute Personnel at different rates	(\$41,041.95)	2/11/2019	6/30/2019
	8.5	Environmental compliance and Sustainability strategic team alignment workshop	\$10,435.00	3/28/2010	6/30/2019
	8.6	Extend PoP into FY2020: continued support services including project controls and estimating service.	\$194,044.00	6/27/2019	6/30/2020
Regional Connector	8.7	Additional funding for estimating services for Environmental compliance in FY20	\$99,384.00	12/23/2019	6/30/2020
	9	Regional Connector Transit Project requires program control support services, specifically, estimating support.	\$368,983.64	9/19/2017	6/30/2018
	9.1	PoP Extension for FY19: Regional Connector Project requires program control support services, specifically, estimating support, as previously outlined in CWO No.9.	\$50,396.00	6/8/2018	6/30/2019
	9.2	Additional Sr Cost Estimator for four months.	\$77,257.00	9/6/2018	12/31/2018
	9.3	Addition of project scheduling and cost engineering support services.	\$179,912.00	12/7/2018	6/30/2019
	9.4	Continuation of the cost estimating services with no cost increase through FY19.	\$0.00	3/8/2019	6/30/2019
	9.5	Addition of program control and estimating support for FY20 services.	\$917,271.00	6/25/2019	6/30/2020
DBE Contract Compliance	9.6	Regional Connector PMSS cont through FY21	\$671,719.00	7/1/2020	6/30/2021
	10	PMIS Unifier Prototype: Current Contract Management 14 of the Project Management Information System is obsolete. Immediate analysis is needed to conduct initial assessments of the system needs and enhancements required to replace the current CM14 and EcoSvs cost system.	\$245,165.16	9/21/2017	12/31/2017
	11	Contract Compliance Support Services/Diversity & Economic Opportunity Department (DEOD) requires contract compliance monitoring support services consistent with the Department of Transportation (DOT) 49 Code of Federal Regulations (CFR) Part 26 and Metro's Disadvantaged Business Enterprise (DBE) program, Small Business Enterprise (SBE) program and/or Disabled Veterans Business Enterprise (DVBE) program.	\$634,678.54	10/13/2017	6/30/2018
	11.1	Addition of Personnel - No Cost: add personnel to provide interim support as required.	\$0.00	2/28/2018	6/30/2018
	11.2	PoP Extension through August 31, 2018. There is no increase to the contract value.	\$0.00	6/6/2018	8/31/2018
	11.3	Addition of Personnel: add personnel to provide interim support as required; Senior Contract Compliance Officers to provide contract compliance monitoring support services consistent with the Department of Transportation (DOT) 49 Code of Federal Regulations (CFR) Part 26 and Metro's Disadvantaged Business Enterprise (DBE) Program.	\$1,117,360.00	9/6/2018	6/30/2019
	11.4	Add Replacement Staff (Credit Mod.): add approved replacement personnel at a lower rate in the direct labor categories of Senior Contract Compliance Officer.	(\$9,449.00)	12/12/2018	6/30/2019
	11.5	DEOD is utilizing Sr. Consultant Compliance Officer consultant services to provide contract compliance monitoring support services consistent with the DOT 49 CFR Part 26.	\$1,544,380.00	8/1/2019	7/31/2020
	11.6	Addition of consultant staff to provide interim compliance monitoring support on various non-mega projects.	\$82,358.00	3/30/2020	7/31/2020
	11.7.1	DBE Contract Compliance Consulting Services - Regional, Crenshaw, WPLE 1, 2, 3	\$1,176,154.00	8/4/2020	6/30/2021
11.7.2	DBE Contract Compliance Consulting Services - SCRIP	\$126,054.00	8/31/2020	6/30/2021	

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PMIS Enhancement Implementation	12	PMIS Enhancement Implementation: Current Contract Management 14 of the Project Management Information System is obsolete. Implementation support is needed to conduct the enhancements, required to replace the current CM14 and EcoSys cost system. Implementation consists of three project phases.	\$1,919,948.74	11/30/2017	12/31/2018
	12.1	Additional PMIS Implementation Support and Solution Architect: full-time position shall assist in the process transition from use of EcoSys for cost reporting to Oracle Primavera Unifier.	\$235,827.00	12/4/2018	6/30/2019
	12.2	POP Extension and Additional Work: support extended outreach to business process support groups and projects during design to solicit engagement and acceptance and provide additional pilot testing/training; allowance for design changes that are likely to result from the extended outreach; change includes more comprehensive support efforts during the initial go live period for training, technical support, and minor design changes.	\$379,785.00	1/3/2019	6/30/2019
	12.3	PMIS Unifier Implementation Additional Pilot Testing: Consultant shall perform extended outreach sessions; extended Pilot Testing Period; re-development of business processes; redesign configuration management business processes from prior process used in CM14 to streamline processes and obtain staff buy-in; ongoing support for post go-live period; redesign Cost Engineer cost forecasting business processes and reporting.	\$499,224.00	2/26/2019	6/30/2019
	12.4	PMIS Unifier Implementation additional data migration testing.	\$149,997.44	5/8/2019	6/30/2019
	12.5	PMIS Unifier Implementation additional data migration testing - PoP extension.	\$0.00	6/27/2019	9/30/2019
	12.6	Closeout of CWO 12 and modifications.	(\$17,766.44)	1/31/2020	1/31/2020
Construction Market Analysis	13	Contractor to conduct a construction market analysis to assess key factors of the Los Angeles area construction market.	\$266,134.23	11/15/2017	4/30/2018
	13.1	PMSS Los Angeles Construction Market Analysis - POP Extension: This Modification extends the period of performance through June 30, 2018.	\$0.00	5/7/2018	6/31/2018
	13.2	CWO Closeout of any balance not spent	(\$3,922.64)	6/5/2020	6/5/2020
WSAB	14	West Santa Ana Branch (WSAB) P3 Technical Advisory Support - Metro requires technical advisory in support of evaluation of various P3 project delivery alternatives and subsequent development of a procurement package for a P3 contractor for the WSAB Light Rail Project.	\$203,546.08	12/28/2017	3/15/2018
	14.1	No-Cost Time Extension: extend period of performance for continued technical advisory support of evaluation of various P3 project delivery alternatives and subsequent development of a procurement package for a P3 contractor for the WSAB Light Rail Project through June 30, 2018.	\$0.00	2/28/2018	6/30/2018
	14.2	Add expertise with Project Meetings: Program Management requires additional personnel with different technical expertise be added to provide technical support required on the WSAB, specifically with a project workshop.	\$4,465.00	3/15/2018	6/30/2018
	14.3	Add expertise with Project Meetings - Program Management requires additional personnel with different technical expertise be added to provide partnering/workshop facilitation support required on the WSAB Project.	\$6,857.06	4/20/2018	6/30/2018
	14.4	Extend PoP: continuation of P3 technical advisory support through FY19.	\$1,548,668.00	7/10/2018	6/30/2019
	14.5	Add Personnel: additional Sr. Configuration Management Analyst and Sr. Cost Estimator personnel with different technical expertise.	\$80,930.00	9/17/2018	6/30/2019
	14.6	Add Personnel: Additional Project Delivery and Contract Development Advisor	\$119,677.00	11/5/2018	6/30/2019
	14.7	P3 Performance Requirements Development - To support the WSAB P3 procurement, Metro needs to develop a set of comprehensive performance requirements and solicitation technical packages that will be used during all phases of the P3. Contractor shall provide technical resources, knowledge, and expertise to assist with the development of the performance requirements. For the technical packages Metro expects mid to senior level type project managers who are subject matter experts in their respective disciplines. This falls under the Project Delivery and Contract Development/Compliance function of the PMSS contract. Provide additional Sr. Cost Estimator to maintain schedule for the P3 solicitation package.	\$1,561,563.15	1/3/2019	6/30/2019
	14.8	Modify CWO 14, and Mods 2, 3, 4, and 7: Closeout CWO 14, Modifications 2 and 3. The modification of these documents is a reduction of \$44,055.06. Reduction of hours in CWO 14, Mods 4 and 7 in the combined amount of \$955,944.57 = \$1M total.	(\$1,000,000.00)	3/8/2019	3/8/2019
	14.9	WSAB P3 Technical Advisory Support - Extend Period of Performance: continuation of project delivery and contract development support through FY20.	\$0.00	6/25/2019	7/31/2019
	14.10	Support WSAB P3 procurement, develop comprehensive performance requirements and solicitation technical packages; provide technical resources, knowledge, and expertise under the Project Delivery and Contract Development/Compliance function.	\$4,092,522.00	7/31/2019	7/31/2020
	14.11	Modify CWO 14, and its Modifications to add Project Management support, reduce the Contract Value by \$1,500,000, and extend the PoP through December 31, 2020.	(\$1,500,000.00)	4/1/2020	12/31/2020
14.12	Extend PoP: continuation of WSAB services through FY21	\$0.00	1/4/2021	6/30/2021	
Patsaouras Busway Station	15	PMSS on Bus & Rail Capital and Soundwall Projects: Metro requires program control support services in accordance with the scope of work on Bus and Rail capital, and Soundwall projects.	\$96,072.21	12/13/2017	6/30/2018
	15.1	PMSS on Bus & Rail Capital and Soundwall Projects - PoP Extension: Metro requires continued program control support services on Bus and Rail Capital, and Soundwall Projects, as previously outlined in CWO No.15.	\$133,588.00	6/6/2018	6/30/2019
	15.2	Extension of PoP through FY20.	\$392,608.00	6/27/2019	7/31/2020
	15.3	Project Manager services necessary for providing oversight support in design review, construction oversight reporting, preparing technical documents, various office related support services.	\$126,051.00	3/11/2020	7/31/2020
	15.4	PoP Extension through FY21.	\$0.00	8/5/2020	6/30/2021
	15.5	PMSS on Soundwall 11 Project - Increase Budget for FY21.	\$75,331.00	8/26/2020	6/30/2021
1405 Closeout	16	I-405 Widening Project Closeout Support: Metro requires project close-out support in accordance with the scope of work on the 1-405 project.	\$391,957.37	12/27/2017	12/31/2018
	16.1	Continue I-405 Widening Project Closeout Support through 3/2019.	\$206,241.00	10/4/2019	3/31/2019
	16.2	Continue I-405 Widening Project Closeout Support through 12/2019.	\$274,951.00	3/15/2019	12/31/2019
	16.3	Continue I-405 Widening Project Closeout Support through 12/2020.	\$95,098.00	1/9/2020	12/31/2020
	16.4	Extension of PoP through FY21.	\$0.00	2/2/2021	6/30/2021
	16.5	Extension of PoP through FY21.	\$0.00	2/2/2021	6/30/2021
WPLE 3	17	PMSS Project Management Support WPLE3: Metro requires project support services in accordance with the scope of work on Westside Purple Line Extension Section 3 Project.	\$286,495.87	1/18/2018	6/30/2018
	17.1	PMSS Project Management Support WPLE3 - Extend Pop into FY19: continuation of support services for FY19.	\$781,400.00	6/29/2018	6/30/2019
	17.2	Add Sr. Cost Estimator and Sr. Configuration Mgmt Analyst for WPLE.	\$258,335.00	2/14/2019	6/30/2020
	17.3	Continuation of services for cost estimating, cost/schedule analyst, and configuration management analyst through FY20.	\$1,168,236.00	8/22/2019	6/30/2020
	17.4	Addition of a cost estimator through FY20.	\$104,905.00	11/7/2019	6/30/2020
	17.5	WPLE 3 - continue PMSS services through FY21.	\$835,887.00	6/30/2020	6/30/2021
WIN LA	17.6	Addition of a Sr. Configuration Management Analyst.	\$98,048.00	2/9/2021	6/30/2021
	18	PMSS - WIN/LA FY 2018: Metro requires technical support for the development and implementation of the Workforce Initiative Now.	\$111,514.88	1/29/2018	6/30/2018
	18.1	PMSS - WIN/LA FY19 - Extend POP - cont. technical support for WinLA development in FY19.	\$173,096.67	6/21/2018	6/30/2019
	18.2	PMSS - WIN/LA FY20 - Staff replacement.	\$0.00	1/14/2019	6/30/2019
	18.3	Extend POP - continued technical support for the development of WinLA in FY20.	\$10,380.00	6/25/2019	9/30/2019
18.4	PMSS - WIN LA CWO Closeout.	(\$3,096.54)	3/11/2020	3/11/2020	

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Capital Improvement/SGR Projects	19	Project Management Support for State of Good Repair (SGR) and Other Capital Projects: Metro requires project support services on State of Good Repair and Other Capital Projects.	\$112,974.65	2/8/2018	6/30/2018
	19.1	Project Management Support for SGR and Other Capital Projects - PoP Extension for FY19: Modification also revises CWO 19 to include project support services to Project 205115, MBI Track & Systems, which was not part of the original CWO.	\$307,665.00	6/5/2018	6/30/2019
	19.2	Extension of support services on SGR and other Capital projects.	\$179,319.00	6/27/2019	12/31/2019
	19.3	Project Management Support for SGR and Other Capital Projects - PoP Extension.	\$0.00	2/11/2020	7/31/2020
Risk Mgmt Support Services	20	Risk Management Support Services: assist the Metro Risk Manager in the facilitation of cost and schedule risk analysis of major capital projects, including federal and non-federal funded projects, work with project control staff to ensure the requirements of the Metro Risk Management procedure are being implemented correctly, work with project control staff in developing and managing project risk registers as required by Metro, record and analyze risk trends, and develop the risk sections of PMP.	\$99,436.00	9/21/2018	6/30/2019
	20.1	Extension of Risk Management support services.	\$98,039.00	6/27/2019	6/30/2020
	20.2	Reduction of services.	(\$132,391.98)	2/11/2020	7/31/2020
	20.3	Additional Risk Management services through FY21	\$29,946.00	2/17/2021	6/30/2021
	20.4	PoP extension only	\$0.00	7/30/2020	6/30/2021
Schedule Claims Support	21	Schedule Claims Avoidance Support Services - Regional Connector Project requires schedule claims avoidance support specifically in the areas of analysis of early completion schedules, and recommendations for possible resolution of current and actual claims.	\$50,205.05	10/12/2018	12/31/2019
	21.1	Close-out of CWO021	(\$8,230.97)	9/3/2020	9/3/2020
Regional Rail	22	Regional Rail: project management controls services in support of the Metro Regional Rail Program to prepare project controls deliverables.	\$95,595.00	9/24/2018	6/30/2019
	22.1	Extend PoP of existing scope of work through September 30, 2019.	\$0.00	6/27/2019	9/30/2019
	22.2	Regional Rail CWO Closeout.	(\$83,212.71)	3/3/2020	3/3/2020
New Blue	23	Program Management Support Services (PMSS) for New Blue Projects - provide Cost Estimating, Scheduling and Configuration Management support services for Construction Contracts.	\$640,047.00	9/24/2018	6/30/2019
	23.1	Extension of PoP through FY20.	\$1,444,762.00	6/24/2019	6/30/2020
	23.2	Add a cost estimator position within the current approved CWO budget.	\$0.00	8/28/2019	6/30/2020
	23.3	Reduction in services for New Blue CWO.	(\$963,174.00)	4/7/2020	12/31/2020
	23.4	PoP extension only.	\$0.00	1/4/2021	6/30/2021
	23.5	Willowbrook Rosa Park increase LOE.	\$529,285.00	2/1/2021	6/30/2021
Eastside Access	24	PMSS for Eastside Access Improvement Project: provide technical resources, knowledge, and expertise to perform the following project manager tasks, which include but are not limited to: coordinate design meetings, provide quality control review on design submittals, communicate and coordinate with Metro design consultants, prepare monthly project status reports, review and update project design schedule, prepare monthly FT A status reports.	\$237,268.00	9/25/2018	12/31/2019
	24.1	Extension of PoP in FY20.	\$27,579.00	7/19/2019	8/31/2019
	24.2	Extension of PoP through mid-FY20.	\$62,031.00	8/30/2019	12/31/2019
	24.3	Eastside Access Continued Support through FY21.	\$64,185.00	5/8/2020	12/31/2020
	24.4	Extension of Eastside Access support through FY21.	\$74,929.00	1/21/2021	6/30/2021
East San Fernando Valley	25	PMSS for East San Fernando Valley (ESFV): Program Management requires Project Delivery & Contract Devel. Advisors with different technical expertise be added to provide support required on the ESFV Project.	\$428,282.00	11/9/2018	6/30/2019
	25.1	PoP extension of the existing scope of work.	\$0.00	6/26/2019	7/31/2019
	25.2	Extension of ESFV support through FY20 and P3 Vfm Cost Data and Risk Assessment report.	\$1,136,791.00	7/17/2019	7/31/2020
	25.3	ESFV PoP extension of services and addition of staff through FY21.	\$0.00	7/30/2020	6/30/2021
	25.4	Authorize Third Party Support on ESFV project.	\$0.00	1/21/2021	12/31/2021
Program wide activities	26	Contract Submittal Review: Consultant shall review contract language for submittal requirements and assess where City of LA submittal reviews can be streamlined; review contract language and assess where changes can be made that result in an even clearer and more equitable risk sharing between Metro and the contractor with regard to timely LA City submittal turn-around.	\$99,436.00	1/9/2019	6/30/2019
	26.1	Contract Submittal Review; RE Manual: Consultants shall draft revised RE Manual for review by DEO, Program Management and incorporate Metro review comments and submit final RE Manual revision to Metro Configuration Management for Issuance.	\$99,668.00	1/14/2019	6/30/2019
	26.2	Add p/t Administrative Analyst and extend PoP.	\$7,800.00	6/20/2019	6/30/2020
	26.3	Addition of a Technical Program Manager for third party support.	\$214,199.00	9/23/2019	6/30/2020
	26.4	Progressive Design White Paper.	\$21,899.00	2/18/2020	6/30/2020
DRB Document Prep	27	DRB Presentation Support: WPLE 1 Project requires review, critique, comments on Metro position paper, created by Metro's project team including claims consultants, and associated documents prepared for the DRB hearing on the Fairfax Station subgrade; develop and present a formal presentation to the DRB on behalf of Metro; and represent Metro throughout the DRB process.	\$52,250.00	1/18/2019	6/30/2019
Sepulveda	28	Sepulveda Corridor Project P3 Technical Advisory Support: provide Project Delivery & Contract Development Advisor, Cost/Schedule Analyst, and Project Manager during the development of P3 procurement documents.	\$154,133.00	2/27/2019	6/30/2019
	28.1	PoP extension through July 2019.	\$0.00	6/26/2019	7/31/2019
	28.2	Extension of Sepulveda Corridor project P3 technical advisory support through FY20.	\$3,295,965.00	7/19/2019	7/31/2020
	28.3	Sepulveda Corridor Project P3 Technical Advisory Support FY21 PoP extension and reduction in services.	(\$462,415.00)	7/29/2020	7/31/2021
	28.4	Sepulveda Corridor - Additional Direct Labor categories.	\$0.00	9/24/2020	7/31/2021
DBE Commercially Useful Function	29	Consultant to evaluate the management, supervision, and performance actions of DBE firms working on FTA-funded and/or State/local funded contracts to determine if DBE firms are performing commercial useful function (CUF).	\$50,456.18	5/13/2019	6/30/2019
	29.1	PoP extension.	\$0.00	7/1/2019	7/15/2019
	29.2	Continue CUF site visits and related assignments for Contract Compliance monitoring services through FY20.	\$539,940.00	7/11/2019	6/30/2020
	29.3	PoP extension.	\$0.00	6/30/2020	7/15/2020
	29.4	Cont Conduct Commercial Useful Function Site Visits through FY21.	\$521,323.00	7/27/2020	6/30/2021
Centinela/Florence	30	Cost Estimating support services for the Centinela/Florence Grade Separation project through FY20.	\$26,130.00	5/24/2019	6/30/2020
	30.1	PoP extension for the Centinela/Florence Grade Separation project through FY21.	\$0.00	4/21/2020	6/30/2021
I-5 N Capacity Enhancement	31	Consultant to provide PMSS for I-5 N capacity enhancement project in the form of executive oversight and direction for the highway construction program.	\$387,797.00	7/8/2019	6/30/2020
	31.1	Consultant to provide independent constructability review for the I-5 HOV & Truck lanes project.	\$813,752.00	8/26/2019	6/30/2020
	31.2	I-5: Consultant to provide additional Sr. Program Management Analyst support to manage the development and implementation of computer monitoring systems for cost and schedule performance on the project.	\$711,659.00	11/4/2019	6/30/2020
	31.3	I-5: Consultant to provide Project Controls Manager input and direction that leads to the development of process and procedure for projects delivered by this department.	\$810,083.00	7/1/2020	12/31/2020
	31.4	Extend PoP and increase support services for I-5.	\$488,557.00		7/31/2021
	31.5	PoP extension only.	\$0.00	1/20/2021	2/28/2021

CONTRACT WORK ORDER (CWO)/MODIFICATION LOG

ATTACHMENT B

Estimating Database	32	Consultant to assist in the development of the Metro in-house Timberline database to assist the Cost Estimating department with preparing estimates (Task 1 - assess in-house historical cost data and develop a work plan).	\$46,799.00	9/16/2019	1/31/2020
	32.1	Consultant to assist in the development of the Metro in-house Timberline database to assist the Cost Estimating department with preparing estimates (Task 2 and 3 - set up the database, then organize, update and test the database).	\$149,997.00	2/18/2020	7/31/2020
Construction Market Analysis	33	Consultant to conduct a construction market analysis to assess key factors of the Los Angeles area construction market.	\$149,854.00	10/3/2019	6/30/2020
Admin. Multiple Capital Projects	34	PMSS Administrative Analyst Services for Orange Line Enroute Bus Charging Stations, Division 1 Improvement, Division 11 & 22 Roofing Replacement / ROC Roofing Replacement, and Cesar Chavez Transit Pavilion.	\$94,497.00	11/18/2019	6/30/2020
	34.1	Closeout of CWO 34 Admin Analyst Support for Multiple Capital Projects	(\$63,312.99)	6/25/2020	6/25/2020
Soundwall Package 11	35	Contractor shall provide construction scheduling support to the Program Management Department in support of the Sound Wall Package 11 project.	\$44,220.00	1/13/2020	6/30/2020
	35.1	PoP extension through FY21	\$0.00	6/30/2020	6/30/2021
Division 20 Portal Widening turnback	36	Consultant to provide Cost Estimating support services for Construction including technical resources, knowledge, and expertise to perform Cost Estimating tasks.	\$200,406.00	1/9/2020	6/30/2020
	36.1	PoP extension only.	\$0.00	6/30/2020	8/31/2020
	36.2	PMSS for Division 20 PWT project services and PoP extension.	\$364,179.00	7/13/2020	6/30/2021
WIN LA Mapping	37	The contractor shall provide technical support to DEOD staff to develop technical process mapping for integration of activities related to the second phase of WIN-LA program implementation. support DEOD staff with the integration of the private employer (prime contractor) business requirements, processes and workflow into the WIN-LA software system.	\$67,386.00	1/24/2020	6/30/2020
Airport Metro Connector	38	Consultant to provide Cost Estimating and Configuration Management support services for the Airport Metro Connector project.	\$190,635.00	2/11/2020	7/31/2020
	38.1	PMSS AMC services through FY21.	\$532,449.00	7/20/2020	6/30/2021
OL BRT Improvement Project	39	Consultant to provide Project Manager support for Metro Orange Line Bus Rapid Transit Improvement during FY2020 and FY2021	\$491,224.00	3/3/2020	6/30/2021
	39.1.1	Extend Period of Performance and Continue PMSS for Metro Orange Line Bus Rapid Transit Improvement Project.	\$250,000.00	1/20/2021	7/31/2021
Green Line Extension	40	Green Line - Consultant shall provide assistance to Metro to manage performance of capital projects including all aspects of technical support, schedules, budget, funding, grants management, staffing, agency reporting, and prioritization of work.	\$325,058.00	4/9/2020	12/31/2020
	40.1	Continue PMSS for Green Line Ext. to Torrance.	\$134,932.00	1/5/2021	7/31/2021
Measure R	41	PMSS - Senior Program Management Analyst for FTA and Project Control.	\$130,171.00	7/2/2020	6/30/2020
	41.1	Continue PMSS for Sr. Program Management Analyst for FTA.	\$9,991.00	3/3/2021	6/30/2021
	41.2	Continue PMSS for Sr. Program Management Analyst for FTA for FY22	\$89,940.00	TBD	6/30/2022
	42	Third Party Administration PMSS.	\$161,210.00	8/20/2020	6/30/2021
Multiple Third Party	42.1	Third Party Administration - PMSS for MOL BRT Improvement Project.	\$60,000.00	9/17/2020	6/30/2021
	42.2	Additional Third Party admin. Services on ESFV.	\$46,440.00	1/14/2021	6/30/2021
	42.3	Additional Third Party Admin. Services.	\$14,826.00	1/26/2021	6/30/2021
Environmental	43	Environmental Compliance PMSS support for FY21.	\$86,103.00	8/28/2020	6/30/2021
	43.1	Environmental Compliance and Sustainability FY21 Support Estimating services	\$100,000.00	3/30/2021	9/30/2021
I-405 Visual	44	I-405 Visual Screening project.	\$44,391.00	8/28/2020	6/30/2021
	44.1	Additional Sr. Program Management Analyst services	\$0.00	3/29/2021	6/30/2021
	44.2	Additional Sr. Configuration Management Analyst and Sr. Program Management Analyst services	\$29,868.00	TBD	7/31/2021
Program Mgmt Admin	45	Admin Analyst support to Engineering and Program Management Executive Office.	\$97,629.00	10/26/2020	6/30/2021
Metro Center Project	46	Configuration Management and Third Party support on Metro Center Street project.	\$603,661.00	1/12/2021	3/31/2023
Construction Administration	47	Asset Management Maturity Model.	\$51,586.00	1/20/2021	6/30/2021
Rail to Rail	48	Rail to Rail Active Transportation Corridor Project	TBD	TBD	12/31/2021
105 Express	49	105 Express Lanes Project Manager support	\$55,731.00	TBD	6/30/2021
Construction Administration	50	Transit Project Cost reduction	\$67,177.00	TBD	7/31/2021
	50.1	Update Los Angeles Construction Market Analysis	\$135,385.00	TBD	7/30/2021
			Board Authorized: \$63,347,705	\$60,697,276.05	