

CONTRACT WORK ORDER (CWO)/MODIFICATION LOG

Project	CWO #	Description / Working Title	CWO/Mod. Value	Date Executed	PoP Ends
Program Control Admin.	1	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	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	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	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 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; curriculum focused on communication/trust, provide all handouts, conduct and facilitate the workshop; staff interviews; workshop; post workshop meeting debrief to discuss consultant recommendations.	\$24,164.51	10/9/2018	6/30/2019
	1.6	Vehicles lease for 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; monthly costs for 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: add monthly parking passes for each leased vehicle. Three 24-month passes for New Blue projects and two 24-month passes for Soundwall 11.	\$10,230.00	11/15/2018	10/30/2020
	1.8	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 budgets, creating and dispersing reports, etc.	\$95,405.00	10/18/2020	6/30/2020
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	Contractor shall perform a Constructability Evaluation and Risk Assessment relating to the ESOC, particularly as it relates to transferred risks.	\$19,205.95	10/27/2017	11/17/2017
	2.2	Constructability Evaluation and Risk Assessment Review Mod Time Extension through December 17, 2017. The SOW remains unchanged; no increase to the contract value.	\$0.00	11/15/2017	1/31/2018
	2.3	Constructability Evaluation and Risk Assessment Review - modify CWO 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 (PoP) through January 31, 2018	\$1,631.00	12/8/2017	1/31/2018
	2.4	Extend PoP; scope of services remains unchanged and there is no increase to the contract value.	\$0.00	1/30/2018	3/31/2018
	2.5	Extend PoP; 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 Development	3	Project Delivery Development Support - Overall advice/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	Modification to replace fixed "Rate Per Hour" for the Project Delivery & Contract Development Technical Advisor with "Direct Rate Range".	\$0.00	10/26/2017	10/26/2017
	3.2	Extend PoP; continuation of support services for FY19; scope of services remains unchanged.	\$224,561.00	6/29/2018	6/30/2019
	3.3	Modification to add funding to support Project Delivery Development for Program Control, WPLE 2, WPLE 3	\$116,880.00	6/28/2019	6/30/2020
Crenshaw/LAX	4	Cost Estimating Support Services for Crenshaw/LAX and Southwestern Yard (SWY) 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 administration of both project contracts.	\$1,057,745.06	9/15/2017	6/30/2018
	4.1	Modification to add construction management support/Sr. Configuration Management Analyst on Division 16 SWY Maintenance Project.	\$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

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Crenshaw LAX SWY	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	Addition of estimating consultants 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
	4.5	Extend PoP: continuation of support services through FY19.	\$1,804,836.00	6/25/2018	6/30/2019
	4.6	Addition of experienced scheduling support services for Crenshaw/LAX project to perform schedule analysis tasks.	\$218,069.00	9/5/2018	6/30/2019
	4.7	Addition of Sr. Configuration Management Analyst to perform schedule analysis tasks.	\$68,268.00	9/5/2018	6/30/2019
	4.8	Extend PoP: continuation of support services through FY20.	\$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
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	Modify Contract Work Order AE35279-005 to add Other Direct Costs (ODCs) - Travel for previously approved personnel of listed subconsultant.	\$20,376.00	12/5/2017	6/30/2018
	5.2	Additional services required to supplement the existing CWO to provide technical expertise in resolving complex issues; actual level of efforts required for ongoing support has exceeded the planned level.	\$102,439.27	2/5/2018	6/30/2018
	5.3	Extend PoP; ongoing PMIS supporting, including hosting and on-going technical and implementation support as required to support existing systems.C29	\$599,106.00	6/20/2018	6/30/2019
	5.4	Revise sub-consultant SOW to include programming support and troubleshooting for the new Oracle Primavera Unifier application; support 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	Extend PoP; 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
WPLE 1	6	WPLE 1 Project requires scheduling, cost engineering, and estimating support services.	\$919,952.06	9/19/2017	6/30/2018
	6.1	Extend PoP; continuation of services in original SOW.	\$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	Extend PoP; continuation of cost estimating services and addition of cost/schedule analyst support for FY20.	\$1,363,051.00	6/10/2019	6/30/2020
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	Consultant shall substitute 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	Extend PoP; continuation of cost estimating support services for FY19.	\$504,336.00	6/29/2018	6/30/2019
	7.4	Extend PoP; continuation of cost estimating support services for FY20.	\$1,096,360.00	7/9/2019	6/30/2020
Environmental Compliance and Sustainability	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.	\$0.00	12/13/2017	6/30/2018
	8.3	Extend PoP; continued support services including project controls and estimating services through FY19.	\$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; continued support services including project controls and estimating service through FY20.	\$194,044.00	6/27/2019	6/30/2020
	8.7	Additional funding Environmental Compliance estimating services in FY20.	\$99,384.00	12/23/2019	6/30/2020
Regional Connector	9	Regional Connector Transit Project requires program control support services, specifically, estimating support.	\$368,983.64	9/19/2017	6/30/2018
	9.1	Extend PoP; continue Regional Connector Project program control support services, specifically, estimating support through FY19.	\$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	Extend PoP; continue Regional Connector Project program control support services, specifically, estimating support through FY20.	\$917,271.00	6/25/2019	6/30/2020
PMIS Enhancement Analysis	10	PMIS Unifier Prototype: Current Contract Management 14 of the PMIS is obsolete. Immediate analysis is needed to conduct initial assessments of the system needs and enhancements required to replace the current CM14 and EcoSys cost system.	\$245,165.16	9/21/2017	12/31/2017

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DBE Contract Compliance	11	Contract Compliance Support Services/Diversity & Economic Opportunity Department (DEOD) requires contract compliance monitoring support services consistent with DOT 49 Code of Federal Regulations (CFR) Part 26 and Metro's DBE, SBE and/or 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	Extend PoP; there is no increase to the contract value.	\$0.00	6/6/2018	8/31/2018
	11.3	Addition of personnel to provide interim support as required; Senior Contract Compliance Officers to provide contract compliance monitoring support services consistent with DOT 49 CFR Part 26 and Metro's DBE Program.	\$1,117,360.00	9/6/2018	6/30/2019
	11.4	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	Extend PoP; Sr. Consultant Compliance Officer consultant services to provide contract compliance monitoring support services through FY20.	\$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
PMIS Enhancement Implementation	12	PMIS Enhancement Implementation: three phase implementation support needed to conduct the enhancements, required to replace the current CM14 and EcoSys cost system.	\$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	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	Extend PoP; no cost increase.	\$0.00	5/7/2018	6/31/2018
WSAB	14	West Santa Ana Branch (WSAB) P3 Technical Advisory Support - 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	Extend PoP; no cost increase continuation of P3 technical advisory services.	\$0.00	2/28/2018	6/30/2018
	14.2	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	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	Additional Sr. Configuration Management Analyst and Sr. Cost Estimator personnel with technical expertise.	\$80,930.00	9/17/2018	6/30/2019
	14.6	Additional Project Delivery and Contract Development Advisor	\$119,677.00	11/5/2018	6/30/2019
	14.7	P3 Performance Requirements Development - consultant expertise to develop a set of comprehensive performance requirements and solicitation technical packages that will be used during all phases of the P3. Consultants range from Project Delivery and Contract Development/Compliance functions to Sr. Cost Estimator to maintain schedule for the P3 solicitation package.	\$1,561,563.15	1/3/2019	6/30/2019
	14.8	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	Extend PoP: continuation of project delivery and contract development support.	\$0.00	6/25/2019	7/31/2019
	14.10	Extend PoP: continuation of project delivery and contract development support through FY20.	\$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	
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	Extend PoP; 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	Extend PoP services and PoP through FY20.	\$392,608.00	6/27/2019	7/31/2020

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	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
I405 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
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	Extend PoP; 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	Extend PoP; 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
WIN LA	17.4	Addition of a cost estimator through FY20.	\$104,905.00	11/7/2019	6/30/2020
	18	Workforce Initiative Now (WIN/LA): requires technical support for the development and implementation of the Workforce Initiative Now.	\$111,514.88	1/29/2018	6/30/2018
	18.1	Extend POP; continued technical support for the development of WinLA in FY19.	\$173,096.67	6/21/2018	6/30/2019
	18.2	No cost 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	WIN LA CWO Closeout.	(\$3,096.54)	3/11/2020	3/11/2020	
Capital Improvement/ SGR Projects	19	Metro requires project support services on State of Good Repair (SGR) and Other Capital Projects.	\$112,974.65	2/8/2018	6/30/2018
	19.1	Extend PoP; continued technical support and revise CWO 19 to include project support services to MBL Track & Systems, which was not part of the original CWO.	\$307,665.00	6/5/2018	6/30/2019
	19.2	Extend PoP; continued support services on SGR and other Capital projects through CY19.	\$179,319.00	6/27/2019	12/31/2019
	19.3	No Cost 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, ensure the requirements of the Metro Risk Management procedure are 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	Extend PoP; continued support of Risk Management services.	\$98,039.00	6/27/2019	6/30/2020
	20.2	Extend PoP and reduction of services.	(\$132,391.98)	2/11/2020	7/31/2020
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
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	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	Extend PoP; continued services 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
Eastside Access	24	PMSS for Eastside Access Improvement Project: provide technical resources, knowledge, and expertise to perform project manager tasks, such as coordination of design meetings, quality control review on design submittals, communication & coordination with Metro design consultants, prepare monthly project status reports, review/update project design schedule, prepare monthly FT A status reports.	\$237,268.00	9/25/2018	12/31/2019
	24.1	Extend PoP for continued services in FY20.	\$27,579.00	7/19/2019	8/31/2019
	24.2	Extend PoP for continued services through CY20.	\$62,031.00	8/30/2019	12/31/2019
East San Fernando Valley	25	East San Fernando Valley (ESFV): requires Project Delivery & Contract Devel. Advisors with technical expertise be added to provide support required on the ESFV Project.	\$428,282.00	11/9/2018	6/30/2019
	25.1	No cost PoP extension.	\$0.00	6/26/2019	7/31/2019
	25.2	Extend PoP; continued support through FY20 and add services for P3 VfM Cost Data and Risk Assessment report.	\$1,136,791.00	7/17/2019	7/31/2020
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	Resident Engineer Manual: Consultants shall draft revised RE Manual for review by Metro, incorporate 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	Extend PoP and add p/t Administrative Analyst.	\$7,800.00	6/20/2019	6/30/2020

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	26.3	Addition of a Technical Program Manager for third party support.	\$214,199.00	9/23/2019	6/30/2020
	26.4	Consultant to research and create 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	Extend PoP through July 2019.	\$0.00	6/26/2019	7/31/2019
	28.2	Extend PoP; continue support for Sepulveda Corridor project P3 technical advisory support through FY20.	\$3,295,965.00	7/19/2019	7/31/2020
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	Extend PoP.	\$0.00	7/1/2019	7/15/2019
	29.2	Extend PoP; continue CUF site visits and related assignments for Contract Compliance monitoring services through FY20.	\$539,940.00	7/11/2019	6/30/2020
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
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 an independent constructability review for the I-5 HOV and Truck lanes project.	\$813,752.00	8/26/2019	6/30/2020
	31.2	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
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
Soundwall Package 11	35	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
Division 20 Portal Widening turnback	36	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
WIN LA Mapping	37	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	Provide Cost Estimating and Configuration Management support services for the Airport Metro Connector project.	\$190,635.00	2/11/2020	7/31/2020
OL BRT Improvement Project	39	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
Green Line Extension	40	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
		Total of CWOs and Modifications:	\$48,733,372.30		
		Board Authorized:	\$51,306,204.00		
		Authorized Funds Remaining:	\$2,572,831.70		