



Board Report

File #: 2021-0772, File Type: Contract

Agenda Number: 30.

CONSTRUCTION COMMITTEE JANUARY 20, 2022

SUBJECT: ENVIRONMENTAL CAPITAL CONSTRUCTION SUPPORT

ACTION: APPROVE RECOMMENDATIONS

RECOMMENDATION

AUTHORIZE the Chief Executive Officer to:

- A. AWARD and EXECUTE a bench Contract for Environmental Capital Construction Support services for a three (3) year base period through RFP No. AE79441, with the following firms determined capable to perform the services: Arcadis U.S., Inc. Atlas Technical Consultants LLC. Burns and McDonnell Engineering Company, Inc. ERM West, Inc. Kleinfelder, Inc. Polytechnique Environmental, Inc. TRC Solutions, Inc. on issued Task Orders, within an overall not-to-exceed amount of \$82,650,000 and with a one year option of \$1,650,000 for option year 1 and \$1,600,000 for option year 2 if these options are exercised, subject to the resolution of any properly submitted protest;
- B. AWARD and EXECUTE individual Contract Work Orders and Task Orders within the total approved not-to-exceed funding limit of \$82,650,000

ISSUE

Under federal, state, and local law and to avoid fines, civil or criminal liability, Metro is required to evaluate hazardous substances, contamination, and/or regulatory compliance for nearly every capital project and all transit projects undertaken by Metro. This bench contract is a critical component for managing and mitigating known and unknown hazardous conditions and mitigation prior to and during the execution of Capital Construction projects. The bench contract provides technical expertise and specialty licenses required to execute this type of work. Furthermore, this bench contract plays a critical role in mitigating risk in order to keep projects on schedule, obtain cleaner and more accurate bids from Prime Contractors, and keep the agency within regulatory compliance requirements.

BACKGROUND

A critical component of executing our Capital projects requires us to continually evaluate, mitigate, remove, and/or manage hazardous substances and contamination. We need to simultaneously act

towards regulatory compliance under federal, state and local law. Metro must adhere to all environmental laws to avoid fines, and civil or criminal liability.

The scope of work identified in this environmental services and construction support contract is specifically for support on Metro's Capital Construction program.

The passing of Measure M and continuation of Measure R projects in recent years has further increased the number of Capital projects developed. Metro staff does not have the internal resources to do all environmental construction, waste handling, and environmental compliance support work in-house. Metro has contracted for such vendors with specialized environmental equipment and technical capabilities to complement and supplement limited resources, including licensed hazardous waste contractors, analytical laboratories, field services, and evaluation/remediation equipment. Metro, in effect, would incur more cost to do the work internally than by employing these types of consultants and specialized vendors.

DISCUSSION

The Bench Contracts established through RFP No. AE79441, will be used to assist Metro's Capital projects with emergency response, hazardous substances abatement, and transport and disposal of encountered hazardous and non-hazardous classified soil and liquid wastes, which also includes management of asbestos and lead-containing materials. The contract also includes environmental demolition services for Metro owned properties and environmentally related construction services for Capital projects. Additional contract requirements include permit assistance, remediation system construction, implementation, and installation.

The scope of services in this contract is primarily for the support for numerous major Capital projects. The support provided by previous environmental services and construction support contracts has historically saved major Capital projects money and avoided additional months of construction work due to our ability to rapidly respond to unforeseen environmental issues encountered during construction.

This contract is awarded as a Bench - Indefinite Delivery/Indefinite Quantity (IDIQ) contract. The total contract value is the aggregate total of all Task Orders and changes issued within the Board authorized funding amount. The consultant(s) are not guaranteed any work. When the need for environmental waste handling and environmental-related construction services arises, only then will staff be able to issue Task Orders. These Task Orders and any changes will be funded from an existing project's budget with consideration of any information available at the time of planning and applicable time constraints on performance of the work.

Awarding of the issued Task Orders will be accomplished by selection from a Proposal Evaluation Team (PET) from the bench of qualified contractors. All the Task Orders will be fully negotiated based on agreed upon rates that will be negotiated at the onset of the Bench Contract. Staff applies strict project controls in the execution of each of these Task Orders to closely monitor the Consultant's budget and Task Order schedules. No funds are obligated until a Task Order is awarded against a valid Metro Project.

The Diversity and Economic Opportunity Department (DEOD) will establish Disadvantaged Business Enterprise (DBE), Small Business Enterprise (SBE), and the Disabled Veteran Business Enterprise (DVBE) goals prior to the issuance of each Task Order.

To accomplish the issued Task Orders, the consultant(s) will provide necessary staff, sub-consultants, equipment, software, supplies, and services. The consultant shall employ or subcontract as necessary with diverse environmental professionals such as professional engineers, registered geologists, Construction Managers, stormwater professionals (QSD/QSP), Certified Industrial Hygienists (CIH), Certified Asbestos Consultants (CAC), contaminated waste professionals, Occupational Safety and Health Administration (OSHA) Construction Certified staff, and 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) certified staff.

DETERMINATION OF SAFETY IMPACT

This Board action will not have an adverse impact on safety standards for Metro. It will increase safety as environmental compliance related projects and programs are implemented to increase the health and safety of our staff and enhance customer experience of our system.

FINANCIAL IMPACT

All Task Orders are individually negotiated and the level of effort is fully defined prior to the authorization of any project-specific funds. The Chief Program Management Officer, DEO Environmental Services, and Project Managers are responsible for providing appropriate budgets and following the Task Order award process protocols during the execution of each Task Order. Execution of work under those Task Orders can continue beyond the contract end date as specified in the contract.

Obligations and authorizations made within the total Contract authorized funding amount will be against specific capital project budgets which were approved through a separate board action. The Project Managers of each of the projects utilizing this contract will be responsible for providing appropriate budgets.

Impact to Budget

The source of funds for this contract is provided within the Life of Project (LOP) budget or annual appropriation of the respective Capital projects shown in Attachment B. Funding sources for these Capital projects are approved as part of the project LOP or through the annual budget adoption. No additional funds are required upon approval of this contract award. These funds are not eligible for bus and rail operating expenses.

EQUITY PLATFORM

The design of this RFP and implementation of the procurement process prioritizes the use of small and disadvantaged businesses through a bench contract. The RFP was advertised in local and cultural publications relevant to the geographic and demographic communities within the project

area. The RFP Statement of Services, highly recommends contractors work with Community Based Organizations (CBO) for community engagement, including economic opportunities and jobs to individuals with barriers to employment.

The work focuses on those communities already impacted by pre-existing health and environmental factors as supported by the EFC maps. This contract for technical environmental support services allows projects experiencing unique and non-routine situations to be nimble and responsive. The health and safety of workers, businesses, residents, and passers-by could be negatively affected without this contract's timely demolition and remediation services.

During construction, this contract allows Metro multiple ways to support project compliance with regulatory requirements and keeping it on schedule through prompt response to unforeseen situations, minimizing potential negative impacts to air, land and water quality. This contract is expected to reduce project delays and facilitate community benefits from the ecosystem services in the long term.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

This consultant contract supports Strategic Goal 2 by optimizing the delivery and performance of Metro's transportation system by incorporating environmental compliance through environmental services activities to reduce impacts to the environment and increase system efficiency.

ALTERNATIVES CONSIDERED

If the Bench Contract under RFP No. AE79441 is not awarded, staff's ability to provide technical and environmental engineering support for environmental waste handling and environmental-related construction services for many of our Capital projects will be limited. Consequently, Metro would not be able to immediately address potential and existing environmental liabilities.

In the Capital projects supported by this contract, Metro could experience increased liability for contractor claims for delay to schedule completion milestones or risk of fines due to violations from regulatory agencies.

As another alternative, Metro could perform all the environmental waste handling and environmental-related construction services in-house. However, to do so, Metro would need to hire additional staff with expertise in many different subjects, such as engineers, geologists, surveyors, asbestos/lead inspectors, laboratory scientists, and waste profiling technicians. Metro would also need to purchase specialized equipment such as loaders, excavators, remediation systems and drill rigs, which are not practical or cost-effective to acquire or maintain. Metro would incur more short-term capital and long-term maintenance costs to do the work internally than employing consultants.

Alternately, staff may solicit and award individual contracts for each environmental task on an as-needed basis. Staff does not recommend this alternative. Individually procuring these Task Orders have associated inconsistencies and likely greater cumulative administrative and execution costs and inefficiencies.

A last alternative would be to have the construction Contractor perform the unforeseen work as a change order as these issues arise. However this is not seen as feasible as hazardous material management involves specialty contractors and it would likely cost the Agency more if this work was executed by a change order. Additionally, some projects are in the early stages and do not yet have contractors on board to issue this work. The use of this contract will also be valuable to mitigate potential risks prior to issuance of RFPs and to obtain more accurate bids.

NEXT STEPS

After Board approval, staff will execute the conformed contracts and proceed with issuing Task Orders.

ATTACHMENTS

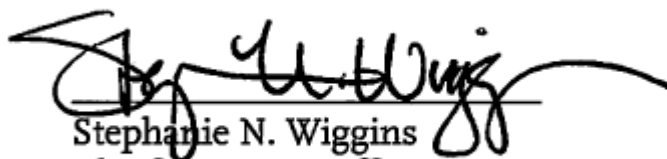
- A. Procurement Summary
- B. Types and Total Value Estimates of Projects - FY22 to FY24
- C. DEOD Summary

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Stephanie N. Wiggins
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PROCUREMENT SUMMARY

ENVIRONMENTAL SERVICES AND CONSTRUCTION SUPPORT
CONTRACT NO. AE79441

1.	Contract Number: AE79441	
2.	Recommended Vendors: Arcadis U.S., Inc. Atlas Technical Consultants LLC. Burns McDonnell Engineering Company, Inc. ERM West, Inc. Kleinfelder, Inc. Polytechnique Environmental, Inc. TRC Solutions, Inc.	
3.	Type of Procurement (check one) : <input type="checkbox"/> IFB <input type="checkbox"/> RFP <input checked="" type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	Procurement Dates:	
	A. Issued August 19, 2021	
	B. Advertised/Publicized: August 24, 2021 (Periodicals of General Circulation)	
	C. Pre-Proposal Conference: August 31, 2021	
	D. Proposals Due: September 21, 2021	
	E. Pre-Qualification Completed: October 18, 2021	
	F. Conflict of Interest Form Submitted to Ethics September 29, 2021:	
	G. Protest Period End Date: January 24, 2022	
5.	Solicitations Picked up/Downloaded: 73	Proposals Received: 7
6.	Contract Administrator: Daniel A Robb	Telephone Number: 213.922.7074
7.	Project Manager: Jesus Villanueva	Telephone Number: 213.922.7304

A. Procurement Background

This Board Action is to approve the award of Contracts under RFP No. AE79441 Environmental Services and Construction Support for Capital Projects to a bench of qualified teams to provide environmental services for a numerous Capital projects, in support of Metro's Environmental Compliance and Sustainability Department (ECSD). Services include emergency response, hazardous substances abatement, transport and disposal of encountered hazardous and non-hazardous classified soil and liquid wastes, management of asbestos and lead containing materials, environments demolition services, environmentally related construction services, plus permit assistance, remediation system construction, including engineering services to design and manage Metro's solid waste, recycling, and hazardous waste compliance issues at identified Metro capital project sites. Board approval of contract awards are subject to resolution of any properly submitted protest.

The recommended consultants will furnish all of the labor, materials, equipment, and other related items required to perform the services on a Task Order basis for a project. Task Orders will be issued for specific Scopes of Services and Periods of Performance.

The Request for Proposals (RFP) was an Architectural and Engineering (A & E) services, qualifications based procurement process performed in accordance with Los Angeles County Metropolitan Transportation Authority (Metro) Procurement Policies and Procedures and California Government Code §4525-45429.5. The contract type is a Cost Plus Fixed Fee (CPFF). The Contract is for a term of three (3) base years plus two (2) one-year options. A virtual pre-proposal conference was held on August 31, 2021 in accordance with the California Governor’s Executive Order N-33 related to Covid-19. Seventy-three (73) firms downloaded the RFP package.

One Amendment was issued during the solicitation phase of this RFP:

- Amendment No. 1, was issued on September 14, 2021 to update the Letter of Invitation to clarify the method of selection and to distribute the Form 60

Seven (7) proposals were received on September 21, 2021 from the following firms:

1. Arcadis U.S., Inc.
2. Atlas Technical Consultants LLC.
3. Burns McDonnell Engineering Company, Inc.
4. ERM West, Inc.
5. Kleinfelder, Inc.
6. Polytechnique Environmental, Inc.
7. TRC Solutions, Inc.

All seven of the Proposals were responsive to the requirements of the RFP Documents, including Amendment No. 1.

B. Evaluation of Proposals

The Proposal Evaluation Team (PET) was comprised of representatives from the following departments: Engineering Department, and Environmental Compliance and Sustainability. The PET conducted a comprehensive evaluation of the proposals received.

The proposals were evaluated based on the following evaluation criteria and associated weightings:

Experience and Capabilities of the Firms on the Team	(25%)
Skill and Capability of Individuals on the Team.....	(25%)
Effectiveness of Management Plan.....	(25%)
Project Understanding and Approach.....	(25%)
Total.....	100%

The evaluation criteria are appropriate and consistent with criteria developed for other similar A & E procurements. Several factors were considered when developing the weightings, giving equal importance to all criteria.

This is an A & E qualification-based procurement; therefore, price cannot and was not used as an evaluation factor pursuant to state and federal law.

Qualifications Summary of Recommended Firm(s):

The evaluation performed by the PET determined that all the proposers were capable to join the bench of qualified consultants and teams to provide Environmental Engineering and Construction Support Services Capital Projects, as provided in the RFP Scope of Services.

Each Proposer demonstrated, through their written proposals, extensive technical experience and significant expertise in meeting the requirements identified in the Scope of Services. The Proposers demonstrated long histories of working with public agencies and each with a record of success in the environmental waste management field along with a thorough understanding of how to handle simultaneous assignments. The teams are highly experienced in delivering similar projects and can access extensive resources to respond to Metro’s needs.

Furthermore, the Proposers demonstrated that they are well versed in providing the Scope of Services related to this contract and have the capabilities to provide key personnel with broad knowledge and experience with this type of work that is required under this contract. The key personnel identified by each proposer possess strong and relevant technical backgrounds and qualifications to meet Metro’s needs.

The final scoring was based on evaluation of the written proposals received from the Proposers. The results of the scoring are shown below:

Firm	Evaluation Factor	Average Score	Factor Weight	Weighted Score
TRC Solutions, Inc.	Experience, and Capabilities of the Firms on the Team	90.52	25%	22.63
	Skill and Capability of Individuals on the Team	89.80	25%	22.45

	Effectiveness of Management Plan	90.28	25%	22.57
	Project Understanding and Approach	93.92	25%	23.48
	TOTAL		100.00%	91.13
Kleinfelder, Inc.	Experience, and Capabilities of the Firms on the Team	88.40	25%	22.10
	Skill and Capability of Individuals on the Team	91.88	25%	22.97
	Effectiveness of Management Plan	89.40	25%	22.35
	Project Understanding and Approach	88.32	25%	22.08
	TOTAL		100.00%	89.50
Arcadis U.S., Inc.	Experience, and Capabilities of the Firms on the Team	89.48	25%	22.37
	Skill and Capability of Individuals on the Team	85.88	25%	21.47
	Effectiveness of Management Plan	87.60	25%	21.90
	Project Understanding and Approach	90.52	25%	22.63
	TOTAL		100.00%	88.37

Burns & McDonnell Engineering Company, Inc.	Experience, and Capabilities of the Firms on the Team	84.72	25%	21.18
	Skill and Capability of Individuals on the Team	90.72	25%	22.68
	Effectiveness of Management Plan	89.00	25%	22.25
	Project Understanding and Approach	86.20	25%	21.55
	TOTAL		100.00%	87.67
Atlas Technical Consultants LLC	Experience, and Capabilities of the Firms on the Team	84.40	25%	21.10
	Skill and Capability of Individuals on the Team	79.80	25%	19.95
	Effectiveness of Management Plan	82.28	25%	20.57
	Project Understanding and Approach	79.52	25%	19.88
	TOTAL		100.00%	81.50
ERM West, Inc.	Experience, and Capabilities of the Firms on the Team	78.28	25%	19.57
	Skill and Capability of Individuals on the Team	84.80	25%	21.20
	Effectiveness of Management Plan	83.32	25%	20.83

	Project Understanding and Approach	75.20	25%	18.80
	TOTAL		100.00%	80.40
Polytechnique Environmental, Inc.	Experience, and Capabilities of the Firms on the Team	62.08	25%	15.52
	Skill and Capability of Individuals on the Team	77.68	25%	19.42
	Effectiveness of Management Plan	82.92	25%	20.73
	Project Understanding and Approach	77.48	25%	19.37
	TOTAL		100.00%	75.03

Note: All Scores rounded to the second decimal.

After award of the bench contracts, individual task orders will be competed among the bench and the most qualified firm to perform each task order scope will be determined and awarded the task order.

C. Cost Analysis

A cost analysis of labor rates, indirect rates and other direct costs was completed in accordance with Metro's Procurement Policies and Procedures, including fact-finding, clarification and cost analysis and the cost factors were determined to be fair and reasonable. Metro negotiated and established indirect cost rates and as appropriate provisional indirect (overhead) rates, plus a fixed fee factor to establish a fixed fee amount based on the total estimated cost for each task order, during the contract term to compensate the consultant.

Audits will be completed, where required, for those firms without a current applicable audit of their indirect cost rates, other factors, and exclusion of unallowable costs, in accordance with Federal Acquisition Regulation (FAR) Part 31. In order to prevent any unnecessary delay in contract award, provisional overhead rates have been established subject to retroactive Contract adjustments upon completion of any necessary audits. In accordance with FTA Circular 4220.1.f, if an audit has been performed by any other cognizant agency within the last twelve-month period, Metro

will receive and accept that audit report for the above purposes rather than perform another audit.

Proposer:			
Contract Duration	Proposal Amount	Metro ICE	NTE Funding Amount
Base Period – 3 Years	N/A ⁽¹⁾	\$82,650,000 ⁽²⁾	\$82,650,000 ⁽²⁾
Option Year 1	N/A ⁽¹⁾	\$1,650,000 ⁽³⁾	\$1,650,000 ⁽³⁾
Option Year 2	N/A ⁽¹⁾	\$1,600,000 ⁽⁴⁾	\$1,600,000 ⁽⁴⁾

- (1) A proposal amount was not applicable. This is a Cost Plus Fixed Fee (CPFF) Task Order Contract with no definable level of effort for the Scope of Services at the time of proposal. Hourly labor rates, overhead and fee were negotiated and determined to be fair and reasonable.
- (2) The amount \$82,650,000. is the Independent Cost Estimate (ICE) for 3-year base Period of the Contract.
- (3) The amount \$1,650,000. is the Independent Cost Estimate (ICE) for Option Year 1 Period of the Contract.
- (4) The amount \$1,600,000. is the Independent Cost Estimate (ICE) for Option Year 2 Period of the Contract.

The probable costs are based on the anticipated level of effort estimated for each year that will be required to perform the Scope of Services by the Consultant and sub-consultants.

D. Background on Recommended Consultants

TRC Solutions, Inc., located In Los Angeles, California, is a national leader in the environmental compliance, engineering, remediation, and demolition, as well as hazardous waste compliance consulting services with direct, relevant experience in environmental compliance, engineering, remediation, and demolition as well as hazardous waste compliance issues, which are important elements within the scope of this contract. TRC has assembled a team with relevant expertise capable of supporting Metro across multiple task orders simultaneously without jeopardizing quality, or on-schedule delivery of projects. The TRC team has successfully worked with Metro’s Environmental Compliance and Sustainability Departments for more than 15 years, supporting the department on similar tasks to support Metro Orange Line, PLE Section 1, PLE Section 2, Airport Metro Connector, Link US, Rail to Rail, and Portal Widening Turnback projects.

ARCADIS U.S., Inc. located In Los Angeles, provide a full spectrum of consulting, design, engineering, project and construction management services related to infrastructure, environment, and waste solutions in the public and private business sectors. The Company is a Delaware corporation and maintains offices throughout the United States, including several in the greater-Los Angeles area. Arcadis U.S., Inc. is a wholly owned subsidiary of its ultimate parent entity, Arcadis N.V., a leading global design and consultancy organization for natural and built assets based in the Netherlands. Arcadis N.V. is a publicly traded company with its shares traded on the EuroNext exchange. Arcadis US Inc. has significant experience working with Metro, specifically related to providing environmental and construction support expertise for large capital projects. Arcadis has four active contracts with LA Metro, three as a prime

(Construction Claims Management, Regional Connector Construction Management, and Environmental Operations Support and AST/UST management).

Burns & McDonnell, located In Los Angeles, is a \$3 billion transportation environmental, and energy engineering/construction firm, with a lengthy history in transportation, technical depth, and experience providing solid waste, recycling, and hazardous waste compliance support services with multiple Southern California offices that include more than 200 professionals. Much of Burns & McDonnell's work has been on long, linear, highly-visible local projects with high visibility and extensive environmental and sustainability components. Burns & McDonnell has assembled a team of experts and qualified subcontractors to help support Metro's anticipated needs. The team consists of very strong companies that have a very good understanding of the project goals.

Atlas located in Monterey Park, is a world-class organization, dedicated to creating lasting infrastructure. Connected to the communities they service and committed to keeping people safe, connected, and productive by providing infrastructure that lasts for generations. Atlas serves a broad range of clients in government and industry, implementing complex projects from initial concept to delivery and operation. Atlas has over 100 years of combined experience offering a full suite of comprehensive professional services to include testing, inspection and certification; engineering and design, environmental services; and program, construction and quality management.

Environmental Resources Management (ERM) located In Walnut Creek, California, brings to Metro varied perspectives, innovation, and creative solutions to the capital project issues with decades of experience supporting clients such as Metro in Southern California. As the largest global pure play sustainability consultancy, ERM has created innovative solutions to sustainability challenges. ERM's diverse team of world-class experts supports clients across the breadth of their organizations to operationalize sustainability, underpinned by ERM's deep technical expertise in addressing environmental, health, safety, risk and social issues

Kleinfelder, Inc. (Kleinfelder), a California Corporation headquartered in San Diego, California, has been in business since 1961, and is a leader in the fields of Engineering, Architecture, and Science Consulting. Kleinfelder has nearly 2,800 employees across 74 offices across the United States, Canada, and Australia. They have been working in Los Angeles since 1984. Kleinfelder has previously performed Environmental Services and Construction Support for Capital Projects under various Metro contracts since 2008 and has successfully performed contracts of identical scope, size, and complexity for Metro and other public agencies, Kleinfelder has the expertise, experience, licenses, and certifications to provide services to handle hazardous materials, environmental waste handling, and certain environmentally related construction services for Metro's major transit capital projects, other capital projects, and Metro Property improvements.

Polytechnique Environmental, Inc. (Polytechnique), headquartered in Cerritos, California, is a Los Angeles County environmental engineering company. Polytechnique has assembled a diverse and dynamic team experienced in all of the tasks described in

the Los Angeles County Metropolitan Transportation Authority (Metro) RFP AE79441 Scope of Services. The proposed team has successfully delivered environmental support for capital projects for the transportation industry, including all phases of environmental engineering, design, construction, and the complex real estate development process. Polytechnique staff members have provided responsive, high-quality environmental services to Metro for over 25 years; are currently supporting Metro with engineering, compliance, and sustainability projects as a subconsultant; and will be a great addition to Metro's team.

Attachment B
5 Year Forecast for CAPITAL PROJECTS

Future Projects	Option Year 1					Option Year 2	Total Total Estimated Contract Value
	FY23 Immediate after award	FY24 Total Estimated Contract Value	FY25 Total Estimated Contract Value	FY26 Total Estimated Contract Value	FY27 Total Estimated Contract Value		
Capital Projects							
Los Angeles							
Downtown							
Airport Metro Connector*	\$200,000.00	\$200,000.00	\$0.00				\$400,000.00
Division 20 - Portal Widening Turnback*	\$200,000.00	\$0.00	\$0.00				\$200,000.00
LINK US phase A	\$5,000,000.00	\$5,000,000.00	\$3,500,000.00	\$1,000,000.00	\$1,000,000.00		\$15,500,000.00
Metro Center Street Project*	\$200,000.00	\$200,000.00	\$0.00				\$400,000.00
							\$0.00
Drop Forge	\$14,000,000.00						\$14,000,000.00
East Side Access Improvement Project*	\$50,000.00	\$50,000.00	\$50,000.00				\$150,000.00
Eastside Transit Corridor Phase II	\$600,000.00	\$600,000.00	\$600,000.00				\$1,800,000.00
DOWNTOWN REGION TOTAL	\$20,250,000.00	\$6,050,000.00	\$4,150,000.00	\$1,000,000.00	\$1,000,000.00		\$32,450,000.00
South LA							
Green Line Core Capacity*	\$50,000.00	\$50,000.00	\$50,000.00				\$150,000.00
Green Line Extension*	\$200,000.00	\$200,000.00	\$200,000.00				\$600,000.00
Active Transportation Rail to Rail Corridor*	\$250,000.00	\$0.00	\$0.00				\$250,000.00
Vermont Transit Corridor*	\$0.00	\$300,000.00	\$300,000.00				\$600,000.00
SOUTH LA REGION TOTAL	\$500,000.00	\$550,000.00	\$550,000.00				\$1,600,000.00
West LA							
Division 6 - Demolition/abatement/Remediation	\$600,000.00		\$0.00				\$600,000.00
Purple Line Extension-Section 1 / Location 64*	\$100,000.00	\$0.00	\$0.00				\$100,000.00
Purple Line Extension-Section 2*	\$200,000.00	\$200,000.00	\$200,000.00				\$600,000.00
Purple Line Extension-Section 3*	\$400,000.00	\$400,000.00	\$400,000.00				\$1,200,000.00
WEST LA REGION TOTAL	\$1,300,000.00	\$600,000.00	\$600,000.00				\$2,500,000.00
East of LA							
Rosecrans / Marquardt Grade Separation*	\$250,000.00	\$250,000.00	\$250,000.00				\$750,000.00
West Santa Ana Branch Transit Corridor	\$24,000,000.00	\$14,000,000.00	\$2,000,000.00				\$40,000,000.00
EAST OF LA REGION TOTAL	\$24,250,000.00	\$14,250,000.00	\$2,250,000.00				\$40,750,000.00
San Fernando							
East San Fernando Valley Transit Corridor	\$2,000,000.00	\$2,000,000.00	\$1,000,000.00				\$5,000,000.00
Metro Orange Line Improvements	\$250,000.00	\$250,000.00	\$250,000.00				\$750,000.00
Metro Soundwall Program (Package 11)*	\$75,000.00	\$0.00	\$0.00				\$75,000.00
SAN FERNANDO REGION TOTAL	\$2,325,000.00	\$2,250,000.00	\$1,250,000.00				\$5,825,000.00
Santa Clarita							
Interstate 5*	\$400,000.00	\$400,000.00	\$250,000.00	\$150,000.00	\$100,000.00		\$1,300,000.00
SANTA CLARITA REGION TOTAL	\$400,000.00	\$400,000.00	\$250,000.00	\$150,000.00	\$100,000.00		\$1,300,000.00
Various Locations							
Real Estate Property acquired for East San Fernando Valley			\$500,000.00	\$500,000.00	\$500,000.00		\$1,500,000.00
VARIOUS LOCATION REGION TOTAL	\$0.00	\$0.00	\$500,000.00	\$500,000.00	\$500,000.00		\$1,500,000.00
Overall ROM	\$49,025,000.00	\$24,100,000.00	\$9,550,000.00	\$1,650,000.00	\$1,600,000.00		\$85,925,000.00

DEOD SUMMARY

ENVIRONMENTAL CAPITAL CONSTRUCTION SUPPORT / AE79441

A. Small Business Participation

The Diversity and Economic Opportunity Department (DEOD) will determine a Disadvantaged Business Enterprise (DBE), Small Business Enterprise (SBE), and the Disabled Veteran Business Enterprise (DVBE) goal for this multiple-funding source, single award contract, prior to the issuance of each task order for energy and climate services. Proposers were encouraged to form teams that include DBE, SBE, and DVBE firms to perform the scopes of work identified without schedules or specific dollar commitments prior to establishment of this contract.

For each task order, a DBE or SBE/DVBE goal will be recommended based on scopes of work and estimated dollar value for a task order that is federally and/or state/locally funded. Arcadis U.S., Inc., Atlas Technical Consultants LLC, Burns McDonnell Engineering Company, Inc., ERM West, Inc., Kleinfelder, Inc., Polytechnique Environmental, Inc., and TRC Solutions, Inc. will be required to meet or exceed the **DBE** contract-specific goal or demonstrate good faith efforts to do so. Arcadis U.S., Inc., Atlas Technical Consultants LLC, Burns McDonnell Engineering Company, Inc., ERM West, Inc., Kleinfelder, Inc., Polytechnique Environmental, Inc., and TRC Solutions, Inc. will be required to meet or exceed the **SBE/DVBE** contract-specific goal to be eligible for task order award.

Prime: Arcadis US, Inc.

	Subcontractors	SBE	DVBE	DBE
1.	Advanced Technical Laboratories	X		X
2.	Alaniz Associates Corp	X		X
3.	C2PM	X		X
4.	Chateau Vallon	X	X	
5.	Coleman Environmental Engineering, Inc.		X	X
6.	CTI Environmental, Inc.	X		X
7.	AVA Environmental, Inc.	X		X
8.	Harbor Environmental Group, Inc.	X		X
9.	J. & H. Drilling Co., dba M R Drilling	X		X
10.	JC Palomar Construction, Inc.	X		X
11.	Martini Drilling Corp	X		X
12.	OFRS, Inc.	X		
13.	Performance Analytical Laboratories, Inc.	X		X
14.	SunWest Engineering Constructors, Inc.	X		X
15.	Tri Span Inc.	X		X

Prime: Atlas Technical Services LLC

	Subcontractors	SBE	DVBE	DBE
1.	Conaway Geomatics	X		
2.	C2PM	X		X
3.	Cross Spectrum Acoustics	X		X
4.	Thomas Land Clearing	X		X
5.	DC Traffic	X		X
6.	Harness Industries LLC	X		X
7.	MA Engineering	X	X	X
8.	Martini Drilling	X		X
9.	NH Environmental Inc.		X	
10.	Performance Analytical Laboratories, Inc.	X		X
11.	Phase 5	X		
12.	SunWest Engineering	X		X
13.	Ultrasystems	X		X

Prime: Burns & McDonnell Engineering Co., Inc.

	Subcontractors	SBE	DVBE	DBE
1.	ASSET Laboratories	X		X
2.	A-Tech Consulting, Inc.	X		X
3.	AVA Environmental, Inc.	X		X
4.	OFRS, Inc.	X		X
5.	Summit Consulting & Engineering, Inc.	X		X

Prime: ERM-West, Inc.

	Subcontractors	SBE	DVBE	DBE
1.	Aurora Industrial Hygiene, Inc.	X	X	X
2.	Martini Drilling	X		X
3.	Morgner Construction Management	X		X
4.	OFRS, Inc.	X		
5.	Performance Analytical Laboratories, Inc.	X		X
6.	Phase 5 Environmental	X		

Prime: Kleinfelder

	Subcontractors	SBE	DVBE	DBE
1.	Morgner Construction Management	X		X
2.	Tri Span, Inc.	X		X
3.	Action Cleanup Environmental Services, Inc	X		X
4.	Aero Environmental Services	X		
5.	All About Waste LLC			X

Prime: Kleinfelder (cont.)

	Subcontractors	SBE	DVBE	DBE
6.	ASSET Laboratories	X		X
7.	AVA Environmental Inc.	X		X
8.	BriteWorks, Inc.	X		X
9.	D'Leon Consulting Engineers			X
10.	EcoTeal, Inc.	X		X
11.	eWaste disposal Inc.	X		
12.	FRS Environmental, Inc.	X		X
13.	Geospatial Professional Solutions, Inc. (GPSI)	X		X
14.	Harbor Environmental Group, Inc.	X		X
15.	Harris Miller Miller & Hanson, Inc. (HMMH)	X		X
16.	InterPhase Environmental, Inc.	X		X
17.	JC Palomar Construction, Inc.	X		X
18.	Leland Saylor Associates		X	
19.	Northgate Environmental Management, Inc.	X		X
20.	OFRS, Inc.	X		
21.	Phase 5 Environmental	X		
22.	SunWest Engineering Constructors, Inc.	X		X
23.	Watearth, Inc.	X		X

Prime: Polytechnique Environmental Inc.

	Subcontractors	SBE	DVBE	DBE
1.	Polytechnique Environmental Inc. (SBE Prime)	X		
2.	ADV-SOC, Inc.		X	X
3.	AETL	X		
4.	Aurora Industrial Hygiene	X	X	X
5.	AVA Environmental, Inc.	X		X
6.	J & I Trucking	X		X
7.	GlobalASR Consulting, Inc.	X		X
8.	OFRS	X		
9.	Phase 5 Environmental	X		
10.	Spectrum Geophysics	X		

Prime: TRC Engineers, Inc. (CA)

	Subcontractors	SBE	DVBE	DBE
1.	Alameda Construction Services	X		X
2.	B & D Construction, Inc.	X		
3.	Surf to Snow Environmental Resource Management	X		
4.	Creation World Safety	X		X
5.	GCAP Services	X		X
6.	Integrated Demolition and Remediation	X		X
7.	JHHA Drilling	X		
8.	Martini Drilling	X		X
9.	MS Hatch Consulting, LLC	X		X
10.	Northstar Environmental Remediation	X		X
11.	NOVA Services		X	
12.	OFRS, Inc.	X		
13.	Performance Analytical Laboratory	X		X
14.	Sigma Engineering			X
15.	Spectrum Geophysics	X		
16.	Surf to Snow Environmental Resource Management	X		
17.	Tri Span, Inc.	X		X

B. Living Wage and Service Contract Worker Retention Policy Applicability

The Living Wage and Service Contract Worker Retention Policy is not applicable to this contract.

C. Prevailing Wage Applicability

Prevailing Wage requirements are applicable to this project. DEOD will monitor contractors' compliance with the State of California Department of Industrial Relations (DIR), California Labor Code, and, if federally funded, the U S Department of Labor (DOL) Davis Bacon and Related Acts (DBRA).

D. Project Labor Agreement/Construction Careers Policy

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.