



## Board Report

File #: 2019-0278, File Type: Contract

Agenda Number: 43.

**REVISED**  
**REGULAR BOARD MEETING**  
**MAY 23, 2019**

**SUBJECT: REGIONAL RAIL ON-CALL SERVICES**

**ACTION: AWARD CONTRACTS**

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer (CEO) to:

- A. AWARD six task order based on-call Contracts for Regional Rail Planning and Environmental services to the firms listed below for a five-year base period in an amount not-to-exceed \$10 million, with two, one-year options not-to-exceed \$2 million each year, for a not-to-exceed cumulative total funding amount of \$14 million, subject to resolution of protest(s) if any. The following firms are recommended for award:
1. Gensler, Contract Number AE56752000
  2. HDR Engineering, Inc., Contract Number AE56752001
  3. Jacobs/CH2M Hill, Contract Number AE56752002
  4. Mott MacDonald, LLC, Contract Number AE56752003
  5. STV Inc., Contract Number AE56752004
  6. WSP USA, Contract Number AE56752005
- B. AWARD five task order based on-call Contracts for Regional Rail Engineering and Design services to the firms listed below for a five-year base period in an amount not-to-exceed \$11 million, with two, one-year options not-to-exceed \$2 million each year, for a not-to-exceed cumulative total funding amount of \$15 million, subject to resolution of protest(s) if any. The following firms are recommended for award:
1. AECOM Technical Services, Inc, Contract Number AE56750000
  2. HDR Engineering, Inc., Contract Number AE56750001
  3. Mott MacDonald, LLC, Contract Number AE56750002
  4. Pacific Railway Enterprises, Inc., Contract Number AE56750003
  5. RailPros, Contract Number AE56750004
- C. AWARD four task order based on-call Contracts for Regional Rail Project Management services to the firms listed below for a five-year base period in an amount not-to-exceed \$10

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million, with two, one-year options in an amount not-to-exceed \$2 million each year, for a not-to-exceed cumulative total funding amount of \$14 million, subject to resolution of protest(s) if any. The following firms are recommended for award:

1. AECOM Technical Services, Inc, Contract Number AE5664300001
2. RPA Joint Venture, Contract Number AE5664300102
3. Stantec, Contract Number AE5664300202
4. WSP USA, Contract Number AE5664300302

- D. EXECUTE individual task orders for planning and environmental on-call services in a total amount not-to-exceed \$14,000,000; for engineering and design on-call services in a total amount not-to-exceed \$15,000,000; and for project management on-call services in a total amount not-to-exceed \$14,000,000.

(CARRIED OVER FROM APRIL)

## **ISSUE**

Metro's Regional Rail Engineering and Planning Bench expired on April 25, 2018 for professional services for railroad infrastructure engineering and related services. Due to the diversity and complexity of Metro's Regional Program integrating commuter rail, intercity rail, high speed rail, freight trains along with light rail in the right-of-way corridor, Regional Rail expanded the scope of services into three separate on-call solicitations with task orders that will be issued to the selected contractors on a rotating basis.

## **BACKGROUND**

In partnership and coordination with LOSSAN, California High Speed Rail Authority, Southern California Regional Rail Authority (also known as Metrolink) and its five member joint powers authority including the San Bernardino County Transportation Authority, Riverside County Transportation Authority, Orange County Transportation Authority and Ventura County Transportation Commission, Metro Regional Rail is responsible for planning and environmental studies, programming, designing and constructing numerous regional rail projects that serve the commuter, intercity, freight and high speed rail systems in Los Angeles County to enhance the regional rail mobility in Southern California. Metro owns approximately 150 route miles of Class 1 commuter rail right-of-way with 152 at-grade crossings in Los Angeles County spanning across up to Lancaster in the North, Chatsworth station in the west and Claremont in the East.

The Regional Rail bench contract expired April 2018 and generated nine task orders totaling \$5.8 million that included five prime engineering consultants only. Staff was successful in using all five consultants on a rotating basis. The Regional Rail bench scope of work was limited to \$1 million per task and since most of the Regional Rail work exceeded \$1 million per task, staff used the standard Request for Proposal (RFP) procurement which takes at least 3 to 4 months longer. Regional Rail work using the RFP procurement exceeded a total of \$100 million.

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## **DISCUSSION**

The Regional Rail program has grown up to \$5 billion and, with the exception of the grade separation projects, most of these projects are consistent with Metrolink's Southern California Optimized Rail Expansion Plan (SCORE). Some of these projects, such as the Link Union Station, Rosecrans Marquardt Grade Separation, Doran Street Grade Separation Active Transportation Projects, etc. have been awarded state funding or received financial commitment totaling over \$1.1 billion. In addition, Metro Regional Rail is working with Metro Planning, Metrolink and partner agencies in actively pursuing grants for the capital program so staff anticipates there are additional new Regional Rail projects that will be added over the term of the contract. In addition, Metrolink and any other applicable Regional Rail partner agencies can also lead capital planning studies, design and construction on the Regional Rail system including Metro owned Right-of-Way in partnership and cooperation with Metro.

Due to the complicated engineering and planning analysis of integrating commuter rail, intercity rail, light rail, freight rail, future high speed rail systems along with light rail in the same right-of-way corridor coupled with transit oriented developments, the Regional Rail on-call services aligns the diversity and complexity of the planning, designing and constructing the regional rail program for specific phases of a projects life. The three separate on-call service solicitations widened the diversity of the Regional Rail consultants and allowed staff to unbundle the work in discrete phases in lieu of the former method of one bigger Request for Proposals. In addition, the three separate on-call service solicitations added approximately 50 percent new consultants to the Regional Rail program compared to only the five prime engineering firms.

Regional Rail has a proven track record of using all five consultants in the Regional Rail Bench. However, due to conflicts with other Metro and non-Metro projects, of the five consultants on the Regional Rail bench, there were instances when only one proposal was received and staff was only able to use some of the consultants once during the prior contract term. Therefore, the three on-call contracts, which include four to six consultants each, are needed to support the diverse work of the Regional Rail program. With a busy construction market with several large transit, airport, and real estate developments of up to \$2 billion for each project and due to the size of the projects, there are many of the consultants working on multiple projects. With the number of consultants under each on-call contract, Metro should avoid potential conflicts that the consultants may have with their other projects.

In order to support this work, staff is recommending the total funding value of \$14 million for planning and environmental, \$15 million for engineering and design, and \$14 million for project management contracts over the next five years. An on-call program will expedite the task order procurement process for small- or mid-scale projects since all qualified consultants are chosen through this award approval process. The task order assignments issued under these on-call contracts are tasks that will require specialized services and must be initiated and completed in a relatively short period of time.

## **DETERMINATION OF SAFETY IMPACT**

The approval of these on-call contracts will not have any impact on the safety of our customers and employees.

## **FINANCIAL IMPACT**

Adoption of Regional Rail on-call contracts would have no impact on the existing FY19 budget. Funding for FY19 task orders will come from existing Regional Rail budgets for other 2415 cost center projects. Each task order awarded to a contractor will be funded with source of funds identified at the time of project initiation. Since this is a multi-year contract, the cost center senior executive officer will be responsible for budgeting costs in future years, including any options exercised.

### **Impact to Budget**

The funding for each task order varies for each specific project that includes California High Speed Rail Prop 1A, California State Transit Intercity Rail Program, Senate Bill 1 Active Transportation Program, Transportation Investment Generating Economic Recovery Grant (TIGER) Discretionary Grants (renamed to Better Utilizing Investments to Leverage Developments), State Transportation Improvement Program, Measure R 3% and other funds.

## **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The recommendations support Metro Regional Rail's partnership with other rail operators to improve service reliability and mobility, provide better transit connections throughout the network and serves to implement the following strategic plan goals:

- Goal 1.2: Improve LA County's overall transit network and assets;
- Goal 2.1: Metro is committed to improving security;
- Goal 3.3: Genuine public and community engagement to achieve better mobility outcomes for the people of LA County; and
- Goal 4.1: Metro will work with partners to build trust and make decisions that support the goals of the Strategic Plan.

## **ALTERNATIVES CONSIDERED**

The Metro Board could choose not to approve the recommendations. This is not recommended as the awards of these on-call services is needed to support the Regional Rail program to deliver projects on-time and within budget and support Regional Rail's ability to respond quickly to Board direction. In addition, the on-call services will create new contracting opportunities.

## **NEXT STEPS**

Upon Board approval, staff will establish and execute the on-call contracts. As needed, staff will prepare individual task orders from specific on-call contracts and begin working with the consultants

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on a rotating basis to agree on scope of work and a cost estimate. SBE and DVBE goal requirements will be upheld for each individual task order. The Regional Rail team will report on an annual basis to the Board on the usage of the on-call contracts.

(CARRIED OVER FROM APRIL)

**ATTACHMENTS**

Attachment A - Procurement Summaries

Attachment B - DEOD Summaries

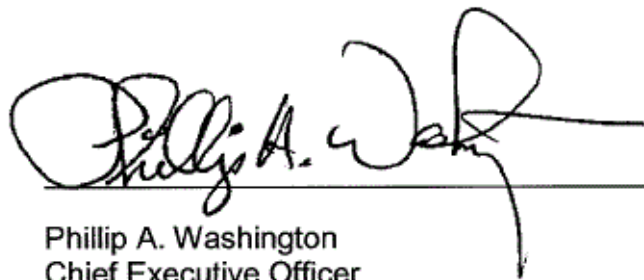
Prepared by: Brian Balderrama, Senior Director, Project Engineering, Regional Rail, (213) 418-3177

Jeanet Owens, Senior Executive Officer, Project Management/Regional Rail, (213) 418-3189

Reviewed by: Richard Clarke, Chief Program Management Officer, (213) 922-7557

Nalini Ahuja, Chief Financial Officer (213) 922-3088

Debra Avila, Chief Vendor/Contract Management Officer (213) 418-3051



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Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

**ENGINEERING AND DESIGN ON-CALL ADVISORY SERVICES  
AE56750000 through AE56750004**

1.	<b>Contract Number:</b> AE56750000, AE56750001, AE56750002, AE56750003, AE56750004	
2.	<b>Recommended Vendor:</b> AECOM Technical Services Inc., HDR Engineering Inc., Mott MacDonald LLC, Pacific Railway Enterprises Inc., RailPros, Inc.	
3.	<b>Type of Procurement (check one):</b> <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.	<b>Procurement Dates:</b>	
	<b>A. Issued:</b> 8/6/18	
	<b>B. Advertised/Publicized:</b> 8/6/18	
	<b>C. Pre-Proposal Conference:</b> 9/6/18	
	<b>D. Proposals Due:</b> 10/10/18	
	<b>E. Pre-Qualification Completed:</b> In-process	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> 01/16/19	
	<b>G. Protest Period End Date:</b> 4/23/19	
5.	<b>Solicitations Picked-up/ Downloaded:</b> 243	<b>Proposals Received:</b> 11
6.	<b>Contract Administrator:</b> Mark Penn	<b>Telephone Number:</b> 213-922-1455
7.	<b>Project Manager:</b> Jeanet Owens	<b>Telephone Number:</b> 213-418-3189

**A. Procurement Background**

This Board Action is to approve Contract Nos. AE56750000, AE56750001, AE56750002, AE56750003, and AE56750004 issued to AECOM Technical Services, Inc., HDR Engineering, Inc., Mott MacDonald LLC, Pacific Railway Enterprises, Inc., and Rail Pros, Inc., respectively, in support of engineering and design on-call advisory services for rail projects in Los Angeles County. Board approval of contract awards are subject to resolution of any properly submitted protest.

This Architectural and Engineering (A&E) qualifications-based Request for Proposal (RFP) was issued in accordance with Metro's Acquisition Policy. The RFP was issued with an SBE/DVBE goal of 28% (SBE 25% and DVBE 3%). Contract type is a fixed unit labor rate basis.

Work under each Contract will be authorized through the issuance of separate FFP task orders. Each future task order will contain a specific statement of work for a scope of services.

Task orders will be issued to the contractors on a rotating basis. If one contractor is unable to perform the work under a task order, the task order will be issued to the next contractor.

Three amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on September 18, 2018, extended the proposal due date and question submission date.
- Amendment No. 2, issued on September 27, 2018, extended the proposal due date.
- Amendment No. 3, issued on October 4, 2018, extended the proposal due date.

A pre-proposal conference was held on September 6, 2018 and was attended by 230 participants representing 124 companies. There were 47 questions asked and responses were released prior to the proposal due date.

A total of 243 firms downloaded the RFP and were included in the plan holders list. A total of 11 proposals were received on October 10, 2018.

## **B. Evaluation of Proposals**

A Proposal Evaluation Team (PET) consisting of staff from Metro and Southern California Regional Rail Authority (SCRRA or Metrolink) was convened and conducted a comprehensive technical evaluation of the proposals received.

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

- |                                    |            |
|------------------------------------|------------|
| • Skill and Experience of the Team | 40 percent |
| • Project Management Plan          | 35 percent |
| • Project Understanding            | 25 percent |

The evaluation criteria are appropriate and consistent with criteria developed for other, similar A&E on-call project delivery support services procurements. Several factors were considered when developing these weights, giving the greatest importance to the skill and experience of the team.

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

During October 11, 2018 through November 8, 2018, the PET completed its independent evaluation of the proposals. The PET determined that four firms were outside the competitive range and were not included for further consideration as proposals were not clear in addressing the requirements.

The seven firms within the competitive range are listed below in alphabetical order:

1. AECOM Technical Services Inc.
2. HDR Engineering, Inc.

3. Mott MacDonald, LLC
4. Pacific Railway Enterprises, Inc.
5. RailPros, Inc.
6. Regional Rail Engineering Team
7. TY Lin International

On November 16, 2018, the PET interviewed the seven firms within the competitive range. The project manager and key team members from each firm were invited to present their firm's respective qualifications and respond to the PET's questions. In general, all firms elaborated on their qualifications and project experience.

In addition, the project manager and key personnel from each firm responded to the PET's inquiries regarding the firm's commuter rail experience, experience with innovative technologies and creative project delivery solutions, approach to increasing ridership, and ability to negotiate between design preferences and design standards, reconcile between contract requirements and project requirements, and manage conflicting stakeholder interests.

### **Qualifications Summary of Recommended Firms**

#### **HDR Engineering, Inc.**

HDR was founded in 1917 and since 1973, has been a part of the Southern California business landscape with office locations in Los Angeles, Irvine, Long Beach, Riverside, and San Diego. Locally, HDR has 400 professionals who specialize in planning, environmental, rail, transit, structures, highway, roadway, water, and construction management services.

In its proposal and during oral presentation, HDR provided a clear and concise program management plan (PMP) that included resource allocation and project controls. One key element in resource allocation was that HDR would leverage staff in various offices if necessary, locally and nationally. A clear stakeholder coordination and community support plan was also presented. HDR also identified a list of technical approaches for work tasks and identified projects on where that same approach may have been previously used on other HDR projects.

#### **RailPros, Inc.**

RailPros, Inc. is a rail and freight rail consultant in Southern California. The company has 125 California staff with the local staff providing a full range of expertise with project managers, disciplinary engineers, project controls, construction management, inspection, and flagging staff.



In their proposal and during oral presentations, RailPros, Inc. displayed a clear understanding of the requirements of the program in addition to the challenges that would be encountered. A six-step approach to success was presented in the proposal; and during oral presentation, the company demonstrated extensive experience in designing and building regional rail systems while maintaining service at the same time. The PMP was clear and well thought out. Personnel designated as key would be dedicated for the duration of the contract.

The team's collective areas of expertise as highlighted in the proposal and during oral presentations include railroad crossings, track work, quiet zones, signaling, PTC, traffic engineering, structures, fiber optics, station communications, civil, utilities, third party coordination, construction phasing, public finance, and procurement support.

### **Pacific Railway Enterprises, Inc.**

Pacific Railway Enterprises, Inc. (PRE) is a Southern California local business that provides program management, civil engineering, right-of-way engineering, and signal and communications design to its clients.

In their proposal and during oral presentation, PRE demonstrated extensive experience with freight and commuter rail lines. An overview of some basic overriding aspects that are key to delivering a successful project was provided in the proposal. The PMP was clear and emphasized that PRE was positioned to provide responses in a timely manner. A schedule was provided in the proposal which helped provide clarity in understanding anticipated work.

### **AECOM Technical Services Inc.**

AECOM is a global provider of transportation planning, engineering, urban design, architecture, technical support, and management services to a broad range of markets, including the transit industry.

AECOM presented a clear and concise PMP. Six task focus areas were identified as being the core concentration of the project: Rail Corridor and Track Design; Grade Separations; Grade Crossings; Stations and Facilities; Systems; and Specialty Services and Support. In addition, AECOM and its team outlined a detailed approach in providing a comprehensive utility investigation and design application that could be applied to any variation of transit projects, large or small.

### **Mott MacDonald, LLC**

Mott MacDonald LLC provides rail engineering services that range from corridor planning and feasibility studies to preliminary and final engineering design, construction management, commissioning, and asset management.

The proposal and oral presentation showed the company being able to balance working with railroads and relevant stakeholders on commuter rail projects without disrupting operations. The company demonstrated a good understanding of the statement of work and how work should be processed. In addition to a good explanation regarding how coordination with public and private stakeholders was provided, drone technology and its capability was also discussed as a means of addressing general project challenges.

Following is a summary of the PET evaluation scores:

	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
<b>1</b>	<b>HDR</b>				
<b>2</b>	Skill and Experience of the Team	90.00	40.00%	36.00	
<b>3</b>	Project Management Plan	84.66	35.00%	29.63	
<b>4</b>	Project Understanding	86.67	25.00%	21.67	
<b>5</b>	<b>Total</b>		<b>100.00%</b>	<b>87.30</b>	<b>1</b>
<b>6</b>	<b>Rail Pros, Inc.</b>				
<b>7</b>	Skill and Experience of the Team	82.23	40.00%	32.89	
<b>8</b>	Project Management Plan	85.33	35.00%	29.87	
<b>9</b>	Project Understanding	87.33	25.00%	21.83	
<b>10</b>	<b>Total</b>		<b>100.00%</b>	<b>84.59</b>	<b>2</b>
<b>11</b>	<b>Pacific Railway Enterprises, Inc.</b>				
<b>12</b>	Skill and Experience of the Team	82.23	40.00%	32.89	
<b>13</b>	Project Management Plan	82.00	35.00%	28.70	
<b>14</b>	Project Understanding	71.33	25.00%	17.83	
<b>15</b>	<b>Total</b>		<b>100.00%</b>	<b>79.42</b>	<b>3</b>
<b>16</b>	<b>AECOM Technical Services Inc.</b>				
<b>17</b>	Skill and Experience of the Team	77.78	40.00%	31.11	
<b>18</b>	Project Management Plan	78.66	35.00%	27.53	
<b>19</b>	Project Understanding	80.00	25.00%	20.00	
<b>20</b>	<b>Total</b>		<b>100.00%</b>	<b>78.64</b>	<b>4</b>
<b>21</b>	<b>Mott MacDonald LLC</b>				
<b>22</b>	Skill and Experience of the Team	81.10	40.00%	32.44	
<b>23</b>	Project Management Plan	78.00	35.00%	27.30	
<b>24</b>	Project Understanding	75.32	25.00%	18.83	

<b>25</b>	<b>Total</b>		<b>100.00%</b>	<b>78.57</b>	<b>5</b>
<b>26</b>	<b>Regional Rail Engineering Team</b>				
<b>27</b>	Skill and Experience of the Team	77.78	40.00%	31.11	
<b>28</b>	Project Management Plan	70.67	35.00%	24.73	
<b>29</b>	Project Understanding	72.68	25.00%	18.17	
<b>30</b>	<b>Total</b>		<b>100.00%</b>	<b>74.01</b>	<b>6</b>
<b>31</b>	<b>TY Lin International</b>				
<b>32</b>	Skill and Experience of the Team	68.83	40.00%	27.53	
<b>33</b>	Project Management Plan	72.00	35.00%	25.20	
<b>34</b>	Project Understanding	73.28	25.00%	18.32	
<b>35</b>	<b>Total</b>		<b>100.00%</b>	<b>71.05</b>	<b>7</b>

### **C. Cost Analysis**

Work will be performed through the issuance of separate task orders. Proposals submitted for each task order will be subjected to audits, cost analysis, technical analysis, fact finding, and negotiations to determine the fairness and reasonableness of price.

### **D. Background on Recommended Contractors**

#### **HDR Engineering, Inc.**

Nationally, HDR is supported by nearly 10,000 employee owners in over 200 locations world-wide and has completed projects in 60 countries. Other clients include Metrolink, SBCTA, RCTC, OCTA, SANDAG, NCTD, Amtrak, UPRR, BNSF, and Alameda Corridor-East Construction Authority. In addition, HDR Engineering, Inc. has extensive experience in transportation planning, corridor studies, transit alternatives, strategic plan development, policy development, environmental planning, environmental documents, engineering design, architecture, grant programs, and Right of Way.

Their proposed Project Manager has more than 23 years of experience and has conducted transportation planning studies for Southern California public agencies since 1980. Other key HDR staff members average over 24 years in the industry.

#### **RailPros, Inc.**

RailPros, Inc. is focused on rail infrastructure and their stated mission is to provide complete railroad project delivery services from concept through completion characterized by technical excellence and outstanding service that creates long term

value to its customers. Their proposed Project Manager has over 20 years' experience on railroad projects and has managed railroad track and structures projects as well as led and performed railroad structures engineering work. Other key personnel average over 18 years of experience.

The company currently has contracts with Metrolink, Metro, UPRR, BNSF, the Ports, LOSSAN, private clients and related public agencies respectively. Current business includes active projects such as, but not limited to, Van Nuys North Platform, Vista Canyon Multi-Modal Center, SCRRA On-Call, SMART Larkspur Extension, and ACE Grade Crossings.

### **Pacific Railway Enterprises, Inc.**

Pacific Railway Enterprises, Inc. (PRE) is a local business in operation since 1994. The company's experience is in providing program management, civil engineering, right-of-way engineering, and signal and communications design. Offices are located in Riverside, CA and San Diego, CA. Recently completed projects include Metrolink's Perris Valley Line and the San Bernardino Downtown Passenger Rail Project, as well as work on the Orange County and Valley Ventura Lines and Positive Train Control (PTC) interfaces with rail vehicles. PRE is also providing final signal design for the Redlands Rail Passenger Project.

The proposed Project Manager has over 34 years of experience on railroad projects.

### **AECOM**

Headquartered in Los Angeles, California, AECOM and its legacy companies have been providing technical services for commuter and intercity rail and freight rail for over 75 years and has worked with nearly every major transit agency and every Class 1 railroad in the US and Canada. AECOM has a long history of working with Metro and SCRRA beginning with engineering assistance in the early 1990's and continuing today. The experience includes corridor planning and track, grade crossing, station, bridge, and systems design and construction management on high-traffic rail corridors with compressed construction windows.

Other projects include the Empire Avenue Grade Separation, Perris Valley Extension, City of Glendale Grade Crossing Improvements, Orange Line/Chatsworth Metrolink Station, and LA County Grade Crossing and Corridor Study. AECOM is staffed globally and nation-wide, with 300 of its total personnel located in Los Angeles. The project manager has 36 years of experience. Other key personnel average over 26 years of experience.

### **Mott MacDonald, LLC**

Mott MacDonald is an employee owned global planning, engineering, management, and development consultancy with a long history of serving public and private sector

clients with a broad and diverse range of professional services. For the past 30 years, the company has been actively delivering rail engineering projects in the LA County. Clients have and presently include OCTA, SBCTA, NCTD, CHSRA, and Metro. Projects include, but are not limited to, shared corridor design with CHSRA; OCTA's Grade Separation Program; delivering a program of track and station upgrades for NCTD; and prime consultant on the Crenshaw/LAX project for Metro.

The proposed project manager has over 29 years of railroad engineering project experience. Other proposed key personnel average over 26 years of experience in rail services ranging from project management, support facilities, utilities, grade crossings, structures, station planning, feasibility studies, engineering design, construction management, third party stakeholder management, and commissioning.

## PROCUREMENT SUMMARY

**PLANNING AND ENVIRONMENTAL ON-CALL SERVICES  
AE56752000 through AE56752005**

1.	<b>Contract Number:</b> AE56752000, AE56752001, AE56752002, AE56752003, AE56752004, AE56752005	
2.	<b>Recommended Vendor:</b> HDR Engineering, Inc., STV Inc., WSP USA, Inc., Mott MacDonald, LLC, M. Arthur Gensler Jr. and Associates, Inc. (Gensler), and Jacobs/CH2M Hill, Inc.	
3.	<b>Type of Procurement (check one):</b> <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.	<b>Procurement Dates:</b>	
	A. Issued: 8/6/18	
	B. Advertised/Publicized: 8/6/18	
	C. Pre-Proposal Conference: 9/6/18	
	D. Proposals Due: 10/10/18	
	E. Pre-Qualification Completed: In-process	
	F. Conflict of Interest Form Submitted to Ethics: 12/21/18	
	G. Protest Period End Date: 4/23/19	
5.	<b>Solicitations Picked-up/ Downloaded:</b> 211	<b>Proposals Received:</b> 10
6.	<b>Contract Administrator:</b> Andrew Conriquez	<b>Telephone Number:</b> 213-922-3528
7.	<b>Project Manager:</b> Jeanet Owens	<b>Telephone Number:</b> 213-418-3189

**A. Procurement Background**

This Board Action is to approve Contract Nos. AE56752000, AE56752001, AE56752002, AE56752003, AE56752004, and AE56752005 issued to HDR Engineering, Inc., STV, Inc., WSP USA, Inc., Mott MacDonald, LLC, Gensler, and Jacobs/CH2M Hill, Inc., respectively, in support of planning and environmental on-call services. Board approval of contract awards are subject to resolution of any properly submitted protest.

This Architectural and Engineering (A&E) qualifications-based Request for Proposal (RFP) was issued in accordance with Metro's Acquisition Policy. The RFP was issued with an SBE/DVBE goal of 27% (SBE 24% and DVBE 3%). Contract type is a fixed unit labor rate basis.

Work under each Contract will be authorized through the issuance of separate FFP task orders. Each future task order will contain a specific statement of work for a scope of services.

Task orders will be issued to the contractors on a rotating basis. If one contractor is unable to perform the work under a task order, the task order will be issued to the next contractor.

Three amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on September 18, 2018, extended the proposal due date and question submission date;
- Amendment No. 2, issued on September 27, 2018, extended the proposal due date;
- Amendment No. 3, issued on October 4, 2018, extended the proposal due date.

A pre-proposal conference was held on September 6, 2018 and was attended by 230 participants representing 124 companies. There were 76 questions asked and responses were released prior to the proposal due date.

A total of 211 firms downloaded the RFP and were included in the plan holders list. A total of ten proposals were received on October 10, 2018.

## **B. Evaluation of Proposals**

A Proposal Evaluation Team (PET) consisting of staff from Metro and Southern California Regional Rail Authority (SCRRA or Metrolink) was convened and conducted a comprehensive technical evaluation of the proposals received.

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

- |                                    |            |
|------------------------------------|------------|
| • Skill and Experience of the Team | 40 percent |
| • Project Management Plan          | 35 percent |
| • Project Understanding            | 25 percent |

The evaluation criteria are appropriate and consistent with criteria developed for other, similar A&E on-call project delivery support services procurements. Several factors were considered when developing these weights, giving the greatest importance to the skill and experience of the team.

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

During the week of October 11, 2018, the PET completed its independent evaluation of the ten proposals received and determined that eight were determined to be within the competitive range and are listed below in alphabetical order:

1. HDR Engineering, Inc.
2. ICF Jones & Stokes, Inc.
3. Jacobs/CH2M Hill, Inc.
4. Kimley-Horn and Associates, Inc.
5. M. Arthur Gensler Jr. & Associates, Inc. (Gensler)
6. Mott MacDonald, LLC
7. STV Incorporated
8. WSP USA, Inc.

Two firms were determined to be outside the competitive range and not included for further consideration as proposals were not clear in addressing the requirements.

During the week of November 16, 2018, the PET interviewed the eight firms within the competitive range. The project manager and key team members from each firm were invited to present their firm's respective qualifications and respond to the PET's questions. In general, all firms elaborated on their qualifications and project experience.

In addition, the project manager and key personnel from each firm responded to the PET's inquiries regarding the firm's commuter rail experience, project requirements, manage stakeholder interests, and experience with planning and environmental services.

### **Qualifications Summary of Recommended Firms**

#### **HDR Engineering, Inc. (HDR)**

HDR is an architectural, engineering and consulting firm. HDR's proposal showed expertise in a wide range of services including planning, technology, project management, risk management plans, environmental, rail, transit, structures, highway, roadways, construction management services, and a skilled team of project personnel.

HDR's proposal and oral presentation demonstrated experience in transportation planning work that includes corridor studies, transit alternatives analysis, strategic plan development, policy development, project prioritization and financial analysis. Their planning expertise covers the full range of rail modes, including urban streetcar, heavy rail, hybrid rail, commuter rail and intercity rail. In addition, their staff is familiar with both the Federal Transit Administration and the Federal Railroad Administration.

#### **Jacobs/CH2M Hill, Inc. (Jacobs)**

Jacobs, is a global engineering firm that specializes in consulting, design, construction and operation services. The Jacobs proposal showed expertise in a wide range of services across a broad spectrum of transit, rail and technology



services, including planning, technology, project management, risk management plans, environmental, rail, transit, structures, highway, roadways, and construction management services.

The proposal demonstrated experience in all phases of planning support services, environmental services, multi-modal operations and planning analysis, policy and planning, technology and community support. In addition, Jacobs identified projects involving project reports, feasibility studies, corridor studies, technology studies and environmental studies to further demonstrate their qualifications.

### **M. Arthur Gensler Jr. & Associates (Gensler)**

Gensler is a global architecture, design, and planning firm. Gensler has been recognized as a leader in the development of transit and transportation facilities, including large-scale city and community master plans, and development projects for both the private and public sectors.

Gensler's proposal and oral presentation demonstrated experience in phases in planning and professional services. Gensler identified projects involving concept reports, feasibility studies, corridor studies, project study reports, technical studies, tunneling, project approval/environmental document services, public outreach, landscaping services, site assessments, and geotechnical services.

### **Mott MacDonald, LLC (Mott)**

Mott is a global planning, engineering, management, development and consulting firm. The Mott proposal and oral presentation showed expertise in a wide range of transportation and planning services that include corridor planning, station planning, feasibility studies to preliminary and final engineering design, construction management, commissioning and asset management.

In their proposal and oral presentation, Mott referenced projects they performed over the last five years. Some of the projects performed were the Los Angeles – Glendale – Burbank Corridor study, Metrolink Station Location Study, Station Assessment Study, and the design of the Burbank Airport South Station.

### **STV Inc. (STV)**

STV is a leader in providing architectural, planning, environmental, and construction management services for transportation systems, infrastructure, buildings, energy, and other facilities. STV's proposal and oral presentation demonstrated expertise in design, planning, environmental, community outreach, and familiarity with regional rail.

STV offered strong project management support with extensive experience in handling and working on a number of complex light and heavy rail projects. In

addition, STV provided a list of project experience that demonstrated the qualifications of their team and firm.

**WSP USA, Inc. (WSP)**

WSP is a leading engineering, environmental, design and professional services firm. WSP’s proposal and oral presentation showed expertise in many disciplines such as effective project management, quality control and risk management, planning, community support, public engagement, and environmental and technical studies.

The proposal demonstrated relevant on-call experience and substantial local stakeholder experience with the Los Angeles area including Metro, Metrolink, cities, and municipalities. WSP provided detailed management plans, quality control reviews, technical reviews, management planning, monitoring, and solutions for personnel changes.

Following is a summary of the PET evaluation scores:

	Firm	Weighted Average Score	Factor Weight	Average Score	Rank
<b>1</b>	<b>HDR Engineering, Inc.</b>				
<b>2</b>	Skill and Experience of the Team	86.68	40.00%	34.67	
<b>3</b>	Project Management Plan	80.00	35.00%	28.00	
<b>4</b>	Project Understanding	83.32	25.00%	20.83	
<b>5</b>	<b>Total</b>		<b>100.00%</b>	<b>83.50</b>	<b>1</b>
<b>6</b>	<b>STV Incorporated</b>				
<b>7</b>	Skill and Experience of the Team	81.10	40.00%	32.44	
<b>8</b>	Project Management Plan	82.51	35.00%	28.88	
<b>9</b>	Project Understanding	85.00	25.00%	21.25	
<b>10</b>	<b>Total</b>		<b>100.00%</b>	<b>82.57</b>	<b>2</b>
<b>11</b>	<b>WSP USA, Inc.</b>				
<b>12</b>	Skill and Experience of the Team	80.00	40.00%	32.00	
<b>13</b>	Project Management Plan	80.86	35.00%	28.30	
<b>14</b>	Project Understanding	81.68	25.00%	20.42	
<b>15</b>	<b>Total</b>		<b>100.00%</b>	<b>80.72</b>	<b>3</b>
<b>16</b>	<b>Mott MacDonald, LLC</b>				
<b>17</b>	Skill and Experience of the Team	82.23	40.00%	32.89	
<b>18</b>	Project Management Plan	76.69	35.00%	26.84	

19	Project Understanding	75.00	25.00%	18.75	
20	<b>Total</b>		<b>100.00%</b>	<b>78.48</b>	<b>4</b>
21	<b>M. Arthur Gensler Jr. &amp; Assoc.</b>				
22	Skill and Experience of the Team	75.55	40.00%	30.22	
23	Project Management Plan	75.83	35.00%	26.54	
24	Project Understanding	78.32	25.00%	19.58	
25	<b>Total</b>		<b>100.00%</b>	<b>76.34</b>	<b>5</b>
26	<b>Jacobs/CH2M Hill, Inc.</b>				
27	Skill and Experience of the Team	76.68	40.00%	30.67	
28	Project Management Plan	75.00	35.00%	26.25	
29	Project Understanding	76.68	25.00%	19.17	
30	<b>Total</b>		<b>100.00%</b>	<b>76.09</b>	<b>6</b>
31	<b>ICF Jones &amp; Stokes, Inc.</b>				
32	Skill and Experience of the Team	75.55	40.00%	30.22	
33	Project Management Plan	74.17	35.00%	25.96	
34	Project Understanding	71.68	25.00%	17.92	
35	<b>Total</b>		<b>100.00%</b>	<b>74.10</b>	<b>7</b>
36	<b>Kimley-Horn and Associates, Inc.</b>				
37	Skill and Experience of the Team	73.33	40.00%	29.33	
38	Project Management Plan	70.00	35.00%	24.50	
39	Project Understanding	73.32	25.00%	18.33	
40	<b>Total</b>		<b>100.00%</b>	<b>72.16</b>	<b>8</b>

### C. Cost

Work will be performed through the issuance of separate task orders. Proposals submitted for each task order will be subjected to audits, cost analysis, technical analysis, fact finding, and negotiation to determine the fairness and reasonableness of price.

## **D. Background on Recommended Contractors**

### **HDR Engineering, Inc.**

Since 1973, HDR Engineering, Inc., has been a part of the Southern California business landscape with office locations in Los Angeles, Irvine, Long Beach, Riverside, and San Diego. In the Southern California region, they have 400 professionals who specialize in planning, environmental, rail, transit, structures, highway, roadway, water, and construction management services. HDR has worked with the Riverside Transportation Commission, Orange County Transportation Authority, San Bernardino County Transportation Authority, State of California, and Federal agencies.

Their proposed Project Manager has almost 40 years' experience and has conducted transportation planning studies for Southern California public agencies since 1980. In addition, HDR Engineering, Inc. demonstrated experience in transportation planning, corridor studies, transit alternatives, strategic plan development, policy development, environmental planning, environmental documents, architecture, grant programs, and right of way.

### **Jacobs/CH2M Hill, Inc.**

For over 30 years, Jacobs/CH2M Hill, Inc. has experience implementing comparable regional rail planning and environmental services, along with an understanding of local geography, stakeholders, and community challenges. They possess experience in a diverse range of complex projects and worked with Metro and other key agencies such as Metrolink, San Bernardino County Transportation Authority, Orange County Transportation Commission, Riverside County Transportation Commission, and North County Transit District.

The proposed project manager has nearly 40 years of experience in public transportation and is a former Chief Executive Officer of Metrolink. In addition, the project manager is familiar with local issues and has worked with local, state and federal agencies to evaluate projects and service development plans for passenger rail.

### **M. Arthur Gensler Jr. & Associates (Gensler)**

Founded in San Francisco in 1965, Gensler is a global architecture, design, and planning firm, and is a California Corporation with over 48 offices. Gensler has over 600 planners, architects and designers with experience working for projects in Los Angeles. Gensler's proposed staff average over 20 years of experience with capital projects, transit service operations, public, and environmental planning, environmental documents, architecture, transportation planning, and feasibility studies.

The proposed project manager has 20 years' experience in organizational development, leadership, management training, and marketing research. The project manager is currently the project principal for the Metro Integrated Station Design Solutions project. In addition, he has worked on a wide range of projects for major transit agencies and governments, including BART, Los Angeles World Airports and the County of Los Angeles.

### **Mott MacDonald, LLC**

Mott MacDonald is a global planning, management, and development consultancy with a long history of serving public and private sector clients with a broad and diverse range of professional services. Mott MacDonald, LLC, has 16,000 employees globally and their work comprises of approximately 60 percent of it deals with transportation services.

The proposed project manager has 12 years of experience in planning and managing commuter rail, hybrid rail, high-speed rail, light rail, and station area planning projects for public agencies. In addition, the project manager has experience in coordinating with the various government agencies that will be involved in projects pertaining to the new contract and is currently leading the Los Angeles-Glendale-Burbank Corridor Study Project for Metro.

### **STV Incorporated**

Founded in 1912, STV Inc., is an industry leader in environmental planning and documentation, and has been engaged by many transportation agencies to perform task order based contracts.

The proposed program manager has 15 years of experience in the preparation of feasibility studies, alternatives analysis, and National Environmental Policy Act (NEPA)/California Environmental Quality Act (CEQA) clearances for transportation projects. In addition, the program manager is overseeing the environmental compliance strategy and community outreach efforts for the Metro Brighton to Roxford Project.

### **WSP USA, Inc.**

WSP USA provides engineering and professional services worldwide. It designs solutions in the areas of building, transportation, energy, water, and environment sectors.

Since the 1980's, they have been involved in Metro projects and has knowledge of the Southern California regional rail system and first-hand experience with regional rail and its stakeholders. WSP USA, Inc. has performed work with Riverside County

Transportation Commission, Metrolink, California High-Speed Rail Authority, and San Diego Association of Governments.

The proposed program manager has more than 30 years of experience in transportation management, project management, environmental and public outreach efforts. In addition, the program managers served as a Deputy Director of Capital Programs for the Port Authority of New York and New Jersey.

## PROCUREMENT SUMMARY

**PROJECT MANAGEMENT ON-CALL SERVICES  
AE5664300102, AE5664300302, AE5664300001, AE5664300202**

1.	<b>Contract Numbers:</b> AE5664300102, AE5664300302, AE5664300001, AE5664300202	
2.	<b>Recommended Vendor:</b> Arcadis/RailPros, WSP USA, Inc., AECOM Technical Services, Inc., Stantec Consulting Services	
3.	<b>Type of Procurement (check one):</b> <input type="checkbox"/> IFB <input checked="" 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.	<b>Procurement Dates:</b>	
	<b>A. Issued:</b> 8/6/18	
	<b>B. Advertised/Publicized:</b> 8/6/18	
	<b>C. Pre-Proposal Conference:</b> 9/6/18	
	<b>D. Proposals Due:</b> 10/10/18	
	<b>E. Pre-Qualification Completed:</b> In Process	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> 01/17/19	
	<b>G. Protest Period End Date:</b> 4/23/19	
5.	<b>Solicitations Picked up/Downloaded:</b> 216	<b>Proposals Received:</b> 9
6.	<b>Contract Administrator:</b> DeValory Donahue	<b>Telephone Number:</b> 213-922-4726
7.	<b>Project Manager:</b> Brian B. Balderrama	<b>Telephone Number:</b> (213) 418-3177

**A. Procurement Background**

This Board Action is to approve Contract Nos. AE5664300001, AE5664300102, AE5664300202, and AE5664300302 issued to Arcadis/RailPros, WSP USA, Inc., AECOM Technical Services, Inc., and Stantec Consulting Services, respectively, in support of project management on-call services for rail projects in Los Angeles County. Board approval of contract awards are subject to the resolution of any properly submitted protest.

This Architectural and Engineering (A&E) qualifications based Request for Proposal (RFP) was issued in accordance with Metro's Acquisition Policy. The RFP was issued with an SBE/DVBE goal of 26% (SBE 23% and DVBE 3%). Contract type is a fixed unit labor rate basis.

Work for each Contract will be authorized through the issuance of separate FFP task orders. Each future task order will contain a specific statement of work for a scope of services.

Task orders will be issued to the contractors on a rotating basis. If one contractor is unable to perform the work under a task order, the task order will be issued to the next contractor.

Three amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on September 18, 2018, extended the proposal due date and question submission date.
- Amendment No. 2, issued on September 27, 2018, extended the proposal due date.
- Amendment No. 3, issued on October 4, 2018, extended the proposal due date.

A pre-proposal conference was held on September 6, 2018, and was attended by 230 participants representing 124 companies. There were 55 questions asked and responses were released prior to the proposal due date.

A total of 216 firms downloaded the RFP and were included in the planholders' list. A total of nine proposals were received on October 10, 2018.

## **B. Evaluation of Proposals**

A Proposal Evaluation Team (PET), consisting of staff from Metro and Southern California Regional Rail Authority (SCRRA or Metrolink), was convened and conducted a comprehensive technical evaluation of the proposals received.

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

- |                                    |            |
|------------------------------------|------------|
| • Skill and Experience of the Team | 40 percent |
| • Project Management Plan          | 35 percent |
| • Project Understanding            | 25 percent |

The evaluation criteria are appropriate and consistent with criteria developed for other, similar A&E on-call project delivery support services procurements. Several factors were considered when developing these weights, giving the greatest importance to the skill and experience of the team.

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

During October 11, 2018 through November 19, 2018, the PET completed its independent evaluation of the proposals. The PET determined that three firms were outside the competitive range and were not included for further consideration as proposals were not clear in addressing the requirements.

The six firms within the competitive range are listed below in alphabetical order:

1. AECOM
2. Arcadis/RailPros
3. Metro Regional Rail Partners
4. Rail Surveyors and Engineers
5. Stantec Consulting Services
6. WSP USA, Inc.



On November 30 and December 17, 2018, the PET interviewed five firms within the competitive range. The project manager and key team members from each firm were invited to present their firm's respective qualifications and respond to the PET's questions. In general, all firms elaborated on their qualifications and project experience.

In addition, the project manager and key personnel from each firm responded to the PET's inquiries regarding the firm's commuter rail experience, experience with innovative technologies and creative project delivery solutions, approach to increasing ridership, and ability to negotiate between design preferences and design standards, reconcile between contract requirements and project requirements, and manage conflicting stakeholder interests.

### **Qualifications Summary of Recommended Firms**

#### **Arcadis/RailPros (RPA)**

RPA is a unique joint venture that brings together the strengths of two firms-Arcadis and RailPros. Both firms are expert providers of project and construction management and engineering support for California transit and railroad clients.

Their proposal showed extensive knowledge of what is required for task order management and execution. Arcadis/Rail Pros referenced direct regional rail experience with Metro. The project manager and key personnel demonstrated strong local experience and understanding of the scope of work.

#### **WSP USA, Inc. (WSP)**

WSP has extensive knowledge of the Southern California regional rail system with specific experience pertaining to Metro and SCCRA. They completed work on several large-scale Metro projects such as West Santa Ana Branch, Purple Line Extension, Gold Line Extension and the Airport Metro Connector.

The proposal reflected good resource allocation, understanding of the scope of work and the key issues in executing projects. They will provide a team of senior commuter and heavy rail system managers that understand the complexities and challenges of implementing mobility programs.

#### **AECOM Technical Services, Inc. (AECOM)**

AECOM brings to Metro the experience gained from managing local, regional, and national rail programs. In addition to work with Metro, AECOM has effectively managed on-call rail projects with SCRRA for over 25 years and SANDAG for more than 10 years.

The proposal submitted by AECOM documented direct regional rail experience with Metro and other rail entities. Their project approach showed understanding of project

controls, budgets, and training. Key personnel showed strong and current field experience.

**Stantec Consulting Services (Stantec)**

Stantec has extensive experience with railroad and other regulatory entities. They have routinely collaborated with Metro personnel to deliver projects that adhere to fundamental requirements and avoid unwarranted impacts.

Their proposal included resolutions in risk management and stakeholder relationships. The project manager has over 20 years of rail experience that includes track and station design. They proposed a diverse team that is able to identify, prioritize, and resolve issues in a timely manner.

Following is a summary of the PET evaluations scores:

	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
<b>1</b>	<b>Arcadis/Rail Pros</b>				
<b>2</b>	Skill and Experience of the Team	89.97	40.00%	35.99	
<b>3</b>	Project Management Plan	85.48	35.00%	29.92	
<b>4</b>	Project Understanding	86.66	25.00%	21.66	
<b>5</b>	<b>Total</b>		<b>100.00%</b>	<b>87.57</b>	<b>1</b>
<b>6</b>	<b>WSP USA, Inc.</b>				
<b>7</b>	Skill and Experience of the Team	86.65	40.00%	34.66	
<b>8</b>	Project Management Plan	80.83	35.00%	28.29	
<b>9</b>	Project Understanding	83.33	25.00%	20.83	
<b>10</b>	<b>Total</b>		<b>100.00%</b>	<b>83.78</b>	<b>2</b>
<b>11</b>	<b>AECOM</b>				
<b>12</b>	Skill and Experience of the Team	87.78	40.00%	35.11	
<b>13</b>	Project Management Plan	80.00	35.00%	28.00	
<b>14</b>	Project Understanding	81.68	25.00%	20.42	
<b>15</b>	<b>Total</b>		<b>100.00%</b>	<b>83.53</b>	<b>3</b>
<b>16</b>	<b>Stantec Consulting Services</b>				
<b>17</b>	Skill and Experience of the Team	76.66	40.00%	30.67	
<b>18</b>	Project Management Plan	80.00	35.00%	28.00	
<b>19</b>	Project Understanding	80.00	25.00%	20.00	
<b>20</b>	<b>Total</b>		<b>100.00%</b>	<b>78.67</b>	<b>4</b>
<b>21</b>	<b>Rail Surveyors and Engineers</b>				
<b>22</b>	Skill and Experience of the Team	82.22	40.00%	32.89	
<b>23</b>	Project Management Plan	67.51	35.00%	23.63	
<b>24</b>	Project Understanding	65.00	25.00%	16.25	
<b>25</b>	<b>Total</b>		<b>100.00%</b>	<b>72.77</b>	<b>5</b>
<b>26</b>	<b>Metro Regional Rail Partners</b>				
<b>27</b>	Skill and Experience of the Team	66.68	40.00%	26.67	
<b>28</b>	Project Management Plan	74.17	35.00%	25.96	
<b>29</b>	Project Understanding	71.68	25.00%	17.92	
<b>30</b>	<b>Total</b>		<b>100.00%</b>	<b>70.55</b>	<b>6</b>

### **C. Cost Analysis**

Work will be performed through the issuance of separate task orders. Proposals submitted for each task order will be subjected to audits, cost analysis, technical analysis, fact finding, and negotiation to determine the fairness and reasonableness of price.

### **D. Background on Recommended Contractors**

#### **Arcadis/RailPros (RPA)**

As a joint venture, RPA is a recognized firm in providing project and program management, planning and design consulting, construction management services, project controls, claims mitigation, risk mitigation, rail engineering, environmental assessment services, and utility relocation. Metrolink and RCTC have been clients for the past 5 years. Projects have included Positive Train Control (PTC), Los Angeles, CA; PTC, Rancho Cucamonga, CA; PTC, Technical & Construction Support, Irvine, CA; San Diego Quiet Zone, San Diego, CA; and Perris Valley Line, Perris CA.

The proposed program manager has over 40 years of experience in managing, planning, design, and construction of freight and commuter railroad projects.

#### **WSP USA, Inc.**

WSP USA brings a deep knowledge of Southern California regional rail system experience to the on-call services project. Noted expertise includes transportation project management, construction, planning, environmental, and communications, and public involvement. Their clients include SCRRA, California High Speed Rail Authority, LOSSAN Rail Corridor Agency, Amtrak, and freight railroads. Key projects include Metrolink project management, construction management, Alameda Corridor-East Grade Separation program, Caltrain 25<sup>th</sup> Avenue grade separation, California High Speed Rail Program Management, and the San Bernardino County Transit Authority on-call rail services.

The team assigned to on-call services has multidisciplinary experience and the assigned project manager has 35 years of experience in delivering transportation infrastructure programs.

#### **AECOM Technical Services, Inc.**

AECOM has effectively managed rail projects with on-call contracts for SCRRA for over 25 years and SANDAG for more than 10 years. For over 40 years, AECOM has provided project management, engineering support services during construction, and community support services for rail projects in Southern California. Local rail work has included diverse management and support services for programs and on-call project assignments for grade crossing safety improvements, large railroad

grade separations, structures, track work, stations, maintenance facilities, and PTC. Other clients include UPRR, BNSF, ACTA, ACE, OCTA, BART, and SBCTA.

The proposed program manager has more than 8 years of managing complex teams with AECOM and each of the 3 project managers working under the program manager have more than 15 years of experience in regional rail projects. AECOM has delivered rail services to other agencies both in Los Angeles County and San Diego.

### **Stantec Consulting Services**

Stantec brings 50 years of multidisciplinary project management services for complex rail projects for commuter, Class I, intercity and HSR nationwide. Clients have included Metrolink, LADWP, LACDPW, BNSF, UPRR Amtrak, and LOSSAN. Projects include CHSR design/build, construction management services, Alameda Corridor-East Project, and BNSF consulting services.

The proposed program manager has over 25 years of railroad and program management experience. Other key personnel average over 29 years of railroad experience.

## DEOD SUMMARY

**REGIONAL RAIL ON-CALL ADVISORY SERVICES  
Engineering and Design Services**

**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established a 25% Small Business Enterprise (SBE) and a 3% Disabled Veteran Business Enterprise (DVBE) goal for this Task Order Contract. Five (5) firms were selected as prime consultants (**AECOM Technical Services; HDR Engineering; Mott MacDonald, LLC; Pacific Railway Enterprises, Inc. and RailPros**) and each firm met or exceeded the 25% SBE and 3% DVBE goals for this Task Order Contract.

In response to a specific Task Order request with a defined scope of work, the prime consultants will be required to identify SBE and DVBE subcontractor activity and actual dollar value commitments for that Task Order. Overall SBE and DVBE achievement in meeting the commitments will be determined based on the cumulative SBE and DVBE participation of all Task Orders awarded to each prime consultant.

Metro Project Managers and Contract Administrators will work in conjunction with DEOD to ensure that each prime consultant is on schedule to meet or exceed its SBE and DVBE commitments. Accordingly, access has been provided to Metro's tracking and monitoring system to key stakeholders over the contract to ensure that all parties are actively tracking Small Business progress.

**Prime: AECOM Technical Services**

<b>Small Business Goal</b>	<b>25% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>25% SBE 3% DVBE</b>
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	<b>SBE/DVBE Subcontractors</b>	<b>SBE</b>	<b>DVBE</b>
1.	Anil Verma Associates	X	
2.	Arellano Associates	X	
3.	Armand Consulting Inc.	X	
4.	BA Inc.	X	
5.	Coast Surveying Inc.	X	
6.	Connetics Transportation Group Inc.	X	
7.	Diaz Consulting Inc. dba Diaz Yourman & Associate	X	
8.	D'Leon Consulting Engineers	X	
9.	Earth Consultants International Inc.	X	
10.	Fariba and Associates Inc.	X	
11.	FPL and Associates	X	
12.	Intueor Consulting Inc.	X	
13.	Kal Krishnan Consulting Services Inc.	X	

14.	Lenax Construction Services Inc.	X	
15.	Lynn Capouya Inc.	X	
16.	MA Engineering		X
17.	McLean & Schultz Inc.	X	
18.	MGE Engineering Inc.	X	
19.	PacRim Engineering Inc.	X	
20.	Pacific Railway Enterprises Inc.	X	
21.	Ramos Consulting Services Inc.	X	
22.	Rail Surveyors and Engineers Inc.	X	
23.	Systems Consulting	X	
24.	Wagner Engineering & Survey Inc.	X	
<b>SBE/DVBE COMMITMENT TOTALS</b>		<b>25%</b>	<b>3%</b>

**Prime: HDR Engineering, Inc.**

<b>Small Business Goal</b>	<b>25% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>25% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	2R Drilling	X	
2.	Amheart Solutions		X
3.	Anil Verma Associates Inc.	X	
4.	A P Engineering & Testing Inc.	X	
5.	Arellano Associates	X	
6.	BA Inc.	X	
7.	CWE (California Watershed)	X	
8.	Geo-Advantec Inc.	X	
9.	Harris Miller Miller & Hanson Inc.	X	
10.	Intueor Consulting Inc.	X	
11.	Leland Saylor Associates		X
12.	MA Engineering		X
13.	Media Beef Inc.	X	
14.	Pacific Railway Enterprises Inc.		
15.	Paleo Solutions Inc.	X	
16.	Rail Surveyors and Engineering Inc.	X	
17.	STC Traffic Inc.	X	
18.	The Alliance Group Enterprises Inc.	X	
19.	V&A Inc.	X	
20.	VCA Engineers Inc.	X	
21.	VN Tunnel and Underground Inc.	X	
22.	Zephyr UAS Inc.	X	
<b>SBE/DVBE COMMITMENT TOTALS</b>		<b>25%</b>	<b>3%</b>

**Prime: Mott MacDonald, LLC**

<b>Small Business Goal</b>	<b>25% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>25% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	BA Inc.	X	
2.	Diaz Consultants, Inc. dba Diaz Yourman & Associates	X	
3.	FPL and Associates	X	
4.	Intueor Consulting Inc.	X	
5.	Leland Saylor Associates		X
6.	MBI Media	X	
7.	McLean & Schultz Inc.	X	
8.	Rail Surveyors and Engineering (RSE) Inc.	X	
9.	Terry A. Hayes Associates Inc.	X	
10.	Virginkar & Associates	X	
11.	Wagner Engineering & Survey Inc.	X	
12.	Watearth Inc.	X	
13.	Zephyr UAS Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>25%</b>	<b>3%</b>

**Prime: PACIFIC RAILWAY ENTERPRISES (SBE Prime)**

<b>Small Business Goal</b>	<b>25% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>50% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Alta Vista Solutions		X
2.	Anil Verma Associates Inc.	X	
3.	Atwell Consulting Group	X	
4.	Casamar Group LLC		X
5.	Cornerstone Studios	X	
6.	Diaz Consultants, Inc. dba Diaz Yourman & Associates	X	
7.	Guida Surveying Inc.	X	
8.	Lenax Construction Services Inc.	X	
9.	LKG-CMC Inc.	X	
10.	MBI Media	X	
11.	MGE Engineering Inc.	X	
12.	STC Traffic Inc.	X	
13.	Zephyr UAS Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>50%</b>	<b>3%</b>



**Prime: RailPros**

<b>Small Business Goal</b>	<b>25% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>25% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Anil Verma Associates Inc.	X	
2.	BA Inc.	X	
3.	Diaz Consultants, Inc. dba Diaz Yourman & Associates	X	
4.	Leland Saylor Associates		X
5.	MBI Media	X	
6.	Pacific Railway Enterprises Inc.	X	
7.	Wagner Engineering & Survey Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>25%</b>	<b>3%</b>

**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). Trades that may be covered include: surveying, potholing, field, soils and materials testing, building construction inspection, construction management and other support trades.

**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.

## DEOD SUMMARY

**REGIONAL RAIL ON-CALL SERVICES  
Planning and Environmental Services**

**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established a 24% Small Business Enterprise (SBE) and a 3% Disabled Veteran Business Enterprise (DVBE) goal for this Task Order Contract. Six (6) firms were selected as prime consultants (**M. Arthur Gensler Jr. & Associates; HDR Engineering; Jacobs/CH2M Hill; Mott MacDonald, LLC; STV Incorporated** and **WSP USA Inc**) and each firm met the 24% SBE and 3% DVBE goals for this Task Order Contract.

In response to a specific Task Order request with a defined scope of work, the prime consultants will be required to identify SBE and DVBE subcontractor activity and actual dollar value commitments for that Task Order. Overall SBE and DVBE achievement in meeting the commitments will be determined based on the cumulative SBE and DVBE participation of all Task Orders awarded to each prime consultant.

Metro Project Managers and Contract Administrators will work in conjunction with DEOD to ensure that each prime consultant is on schedule to meet or exceed its SBE and DVBE commitments. Accordingly, access has been provided to Metro's tracking and monitoring system to key stakeholders over the contract to ensure that all parties are actively tracking Small Business progress.

**Prime: M. Arthur Gensler Jr. & Associates, Inc.**

<b>Small Business Goal</b>	<b>24% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>24% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Arellano Associates	X	
2.	Kilograph	X	
3.	Metropolitan Research and Economics	X	
4.	MLA Green Inc. dba Studio-MLA	X	
5.	Leland Saylor Associates		X
6.	Turner Engineering Corporation	X	
7.	Ultra Systems Environmental	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>24%</b>	<b>3%</b>

**Prime: HDR Engineering**

<b>Small Business Goal</b>	<b>24% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>24% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	AMMA Transit Planning	X	
2.	Amheart Solutions		X
3.	Arellano Associates	X	
4.	Gibson Transportation Consulting Inc	X	
5.	Intueor Consulting Inc.	X	
6.	Harris Miller Miller & Hanson Inc.	X	
7.	Leland Saylor Associates		X
8.	MA Engineering		X
9.	Paleo Solutions Inc.	X	
10.	Rail Surveyors and Engineering Inc.	X	
11.	Terry A. Hayes Associates, Inc.	X	
12.	Translutions Inc.	X	
13.	Zephyr UAS Inc.	X	
14.	ZMassociates Environmental Corporation		X
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>24%</b>	<b>3%</b>

**Prime: Jacobs/CH2M Hill**

<b>Small Business Goal</b>	<b>24% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>24% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Blackhawk Environmental Inc		X
2.	Connectics Transportation Group	X	
3.	David Engineering LLC	X	
4.	Effect Strategies LLC	X	
5.	FPL and Associates Inc.	X	
6.	GPA Consulting	X	
7.	Geospatial Professional Solutions Inc.	X	
8.	Here Design Studio dba Here LA	X	
9.	Kal Krishian Consulting Services Inc.	X	
10.	MA Engineering		X
11.	Pacific Railway Enterprises Inc.	X	
12.	Terry A. Hayes Associates, Inc.	X	
13.	The Robert Group	X	
14.	TransLink Consulting LLC		
15.	Urban Strategy Group Inc.	X	

16.	Virtek Company		X
17.	Wagner Engineering & Survey Inc.	X	
18.	Yunsoo Kim Design (YKD) Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>24%</b>	<b>3%</b>

**Prime: Mott MacDonald, LLC**

<b>Small Business Goal</b>	<b>24% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>24% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	D R Consultants & Designers Inc.	X	
2.	Engineering Solutions Services	X	
3.	MBI Media	X	
4.	McLean & Schultz Inc.	X	
5.	Paleo Solutions Inc.	X	
6.	Ross Infrastructure Development LLC		X
7.	Rail Surveyors and Engineering Inc.	X	
8.	Terry A. Hayes Associates Inc.	X	
9.	TransLink Consulting LLC	X	
10.	Watearth Inc.	X	
11.	Zephyr UAS Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>24%</b>	<b>3%</b>

**Prime: STV Incorporated**

<b>Small Business Goal</b>	<b>24% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>24% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Arellano Associates	X	
2.	Diaz Consulting Inc. dba Diaz Yourman & Associate	X	
3.	Here Design Studio dba Here LA	X	
4.	Lenax Construction Services, Inc	X	
5.	LIN Consulting Inc.	X	
6.	Lynn Capouya Inc.	X	
7.	Sanchez/Kamps Association Design dba SKA Design	X	
8.	Terry A. Hayes Associates Inc.	X	
9.	The LeBaugh Group Inc.		X
10.	TranLink Consulting LLC	X	
11.	Wagner Engineering & Survey Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>24%</b>	<b>3%</b>

**Prime: WSP USA Inc.**

<b>Small Business Goal</b>	<b>24% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>24% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Aldridge Design		X
2.	Cogstone Resource Management Inc.	X	
3.	Continental Interpreting Services Inc.		X
4.	Diaz Consultants Inc dba Diaz Yourman & Associates	X	
5.	GCM Consulting Inc.	X	
6.	General Technologies and Solutions (GTS) LLC	X	
7.	MA Engineering		X
8.	MBI Media	X	
9.	OhanaVets Inc.		X
10.	Pacific Railway Enterprises Inc.	X	
11.	Peak Consulting Group LLC	X	
12.	Rail Surveyors and Engineering Inc.	X	
13.	Raw International	X	
14.	Redhill Group Inc.	X	
15.	Ruth Villalobos & Associates Inc.	X	
16.	Tatsumi and Partners Inc.	X	
17.	Terry A. Hayes Associates Inc.	X	
18.	The Arroyo Group	X	
19.	Virtek Company		X
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>24%</b>	<b>3%</b>

**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). Trades that may be covered include: surveying, potholing, field, soils and materials testing, building construction inspection, construction management and other support trades.

**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.

## DEOD SUMMARY

**REGIONAL RAIL ON-CALL SERVICES  
Project Management Services**

**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established a 23% Small Business Enterprise (SBE) and a 3% Disabled Veteran Business Enterprise (DVBE) goal for this Task Order Contract. Four (4) firms were selected as prime consultants (**AECOM Technical Services; Arcadis/RailPros, A Joint Venture, Stantec Consulting Services Inc., and WSP USA Inc.**) and each firm met or exceeded the 23% SBE and 3% DVBE goals for this Task Order Contract.

In response to a specific Task Order request with a defined scope of work, the prime consultants will be required to identify SBE and DVBE subcontractor activity and actual dollar value commitments for that Task Order. Overall SBE and DVBE achievement in meeting the commitments will be determined based on the cumulative SBE and DVBE participation of all Task Orders awarded to each prime consultant.

Metro Project Managers and Contract Administrators will work in conjunction with DEOD to ensure that each prime consultant is on schedule to meet or exceed its SBE and DVBE commitments. Accordingly, access has been provided to Metro's tracking and monitoring system to key stakeholders over the contract to ensure that all parties are actively tracking Small Business progress.

**Prime: AECOM Technical Services**

<b>Small Business Goal</b>	<b>23% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>23% SBE 3% DVBE</b>
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	<b>SBE/DVBE Subcontractors</b>	<b>SBE</b>	<b>DVBE</b>
1.	Anil Verma Associates	X	
2.	Arellano Associates	X	
3.	D'Leon Consulting Engineers	X	
4.	Ghirardelli Associates Inc.	X	
5.	MA Engineering		X
6.	Ramos Consulting Services Inc.	X	
7.	RT Engineering & Associates Inc.	X	
8.	V&A Inc.	X	
9.	Wagner Engineering & Survey Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>23%</b>	<b>3%</b>

**Prime: RailPros/Arcadis Joint Venture**

<b>Small Business Goal</b>	<b>23% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>23% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Anil Verma Associates Inc.	X	
2.	BA Inc.	X	
3.	Berg & Associates Inc.	X	
4.	Dakota Communications	X	
5.	Destination Enterprises Inc.	X	
6.	Khoury Consulting	X	
7.	Leland Saylor Associates		X
8.	LKG-CMC Inc.	X	
9.	MTGL Inc.	X	
10.	NSI Engineering Inc.		X
11.	Padilla & Associates Inc.	X	
12.	RELM	X	
13.	Urban Strategy Group Inc.	X	
14.	Wagner Engineering & Survey Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>23%</b>	<b>3%</b>

**Prime: Stantec Consulting Services**

<b>Small Business Goal</b>	<b>23% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>23% SBE 3.40% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Arellano Associates	X	
2.	Fryman Management		X
3.	JM Diaz Inc. dba JMD	X	
4.	Joshi PMCM Inc.	X	
5.	Kevin Scott Tunnel Consultants LLC	X	
6.	Lenax Construction Services Inc.	X	
7.	Safework Inc. dba SafeworkCM	X	
8.	Susan Hafner Multimodal Solutions	X	
9.	Tricertus LLC	X	
10.	USA EPC Group Inc.		X
11.	Zephyr UAS Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>23%</b>	<b>3.40%</b>



**Prime: WSP USA, INC.**

<b>Small Business Goal</b>	<b>23% SBE 3% DVBE</b>	<b>Small Business Commitment</b>	<b>23% SBE 3% DVBE</b>
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	SBE/DVBE Subcontractors	SBE	DVBE
1.	Aldridge Design		X
2.	Alta Vista Solutions		X
3.	Geo-Advantec Inc.	X	
4.	Guida Surveying Inc.	X	
5.	IEM	X	
6.	Jenkins/Gales & Martinez Inc.	X	
7.	Kewo Engineering Corporation	X	
8.	Lenax Construction Services Inc.	X	
9.	LKG-CMC Inc.	X	
10.	MBI Media	X	
11.	Pacific Rail Enterprises Inc.	X	
12.	Tatsumi and Partners Inc.	X	
	<b>SBE/DVBE COMMITMENT TOTALS</b>	<b>23%</b>	<b>3%</b>

**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). Trades that may be covered include: surveying, potholing, field, soils and materials testing, building construction inspection, construction management and other support trades.

**D. Project Labor Agreement/Construction Careers Policy**

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