File #: 2019-0659, **File Type:** Contract **Agenda Number:**

PLANNING AND PROGRAMMING COMMITTEE
NOVEMBER 20, 2019

SUBJECT: I-405 SEPULVEDA PASS (PHASE 1) EXPRESSLANES PROJECT APPROVAL/ENVIRONMENTAL DOCUMENT, CONCEPT OF OPERATIONS, AND DESIGN DEVELOPMENT CONTRACT AWARD

ACTION: AWARD CONTRACT

RECOMMENDATION

AUTHORIZE the Chief Executive Officer to award and execute a 36-month, firm fixed price Contract No. AE61156000 to WSP USA, Inc. in the amount of $27,494,005.21 for Architectural and Engineering services to produce the I-405 Phase 1 Sepulveda Pass ExpressLanes Project Approval/Environmental Document, the Concept of Operations report and 30% design, subject to resolution of protest(s), if any.

ISSUE

The Metro Board previously directed the Congestion Reduction department to initiate planning studies for the conversion of High Occupancy Vehicle (HOV) lanes into High Occupancy Toll (HOT) lanes for those projects within Tier 1 of the ExpressLanes Strategic Plan, adopted in January 2017. Interstate 405 (I-405) between I-10 and US-101 (I-405 Phase 1 Sepulveda Pass) ExpressLanes is among the Tier 1 projects slated for near term implementation.

To continue the planning efforts required for I-405 Sepulveda Pass Phase 1 ExpressLanes, professional services are required to support the development of the Project Approval/Environmental Document (PA/ED), Concept of Operations and Preliminary Design. During the PA/ED phase, more detailed studies including traffic analysis and an environmental assessment will be conducted to further refine the information in the PSR-PDS and develop the Project Report and Environmental Document.

BACKGROUND

In November 2014, the Board directed the preparation a Countywide ExpressLanes Strategic Plan (the Plan) based on the previous success of the I-110 and I-10 ExpressLanes. In January 2017, the Board approved the Plan which screened, organized, and ranked possible ExpressLanes projects in Los Angeles County into three tiers based on time horizon (Tier 1 within 5-10 years, Tier 2 within 15 years, and Tier 3 within 25 years). This project was prioritized as a Tier 1 near-term project.

Simultaneously, the Board directed staff to initiate planning studies for the Tier 1 projects listed in the Strategic Plan.

As an initial step, a PSR/PDS for projects in the Tier 1 Network, inclusive of the I-405 Sepulveda Pass ExpressLanes, is underway with an anticipated completion in late 2019/early 2020. The Interstate 405 Sepulveda Pass ExpressLanes has $260 million in Measure M dedicated funding and is included in the Twenty-Eight by '28 Initiative.

DISCUSSION

The next phase in the planning process for the I-405 Sepulveda Pass is the Project Approval & Environmental Document (PA/ED). The PA/ED consists of two components, the Project Report (PR) and Environmental Document (ED). The PR will prepare preliminary engineering of the studied alternatives at a level of detail such that the potential impacts of those alternatives can be identified. It includes a traffic report, surveys, mapping, geometric plans, and cost estimates and will identify right of way and utilities needs/impacts. The ED will include the necessary reports/analysis required by the California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA), including air quality, noise, hazardous waste, biological, and cultural resource studies.

Additionally, this procurement will develop a Concept of Operations report which will describe and document operating policies, facility design, and tolling infrastructure for the project. This effort will also include 30% level design development for the project.

Caltrans will provide review and oversight on the Environmental Document through a Cooperative Agreement currently under development. An Investment Grade Traffic & Revenue Study and an Outreach Contractor will also be procured as a part of the I-405 planning process through separate procurements not undertaken here.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

Strategic Goal 1: Provide high quality mobility options that enable people to spend less time traveling. ExpressLanes provides drivers with the option of a more reliable trip while improving the overall operational efficiency of the freeway network.

FINANCIAL IMPACT

Funds in the amount of $2 million needed to conduct this work are available in the FY20 budget in cost center 2220. Because this is a multi-year program, the cost center manager and the Executive Officer, Congestion Reduction programs, will be responsible for budgeting for future years.

Impact to Budget

Funds for this action will come from dedicated Measure M funding. No other funds were considered for this activity.

ALTERNATIVES CONSIDERED

The Board could choose not to award this contract. This is not recommended as it would delay the PA/ED phase and jeopardize the overall project completion schedule as necessitated by inclusion

in Twenty-Eight by '28 Initiative. Additionally, this alternative is not recommended since the I-405 Sepulveda Pass (Phase 1) Project is a Metro ExpressLanes Strategic Plan Tier 1 prioritized project with Measure M dedicated funding ($260 million).

NEXT STEPS

Upon Board approval, staff will execute the contract with WSP USA, Inc., and will initiate, carry-out and complete the scope of work for the project.

ATTACHMENTS

Attachment A - Procurement Summary

Attachment B - DEOD Summary

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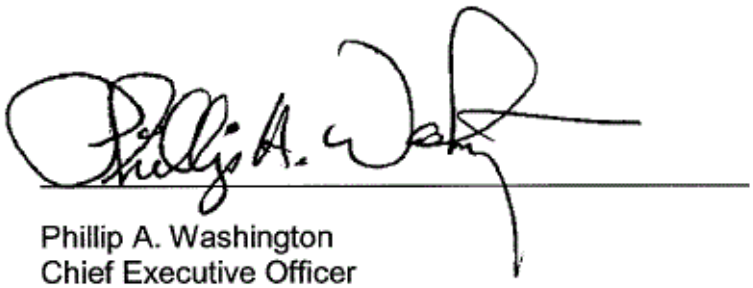

Phillip A. Washington
Chief Executive Officer

PROCUREMENT SUMMARY

I-405 SEPULVEDA PASS PHASE I EXPRESSLANES PROJECT APPROVAL/ ENVIRONMENTAL DOCUMENT (PA/ED), CONCEPT OF OPERATIONS, AND DESIGN DEVELOPMENT/AE61156000

1.	**Contract Number**: AE61156000	
2.	**Recommended Vendor**: WSP USA, Inc.	
3.	**Type of Procurement (check one):** ☐ **IFB** ☐ **RFP** ☒ **RFP–A&E** ☐ **Non-Competitive** ☐ **Modification** ☐ **Task Order**	
4.	**Procurement Dates**:	
	A. Issued : 4/16/19	
	B. Advertised/Publicized: 4/16/19	
	C. Pre-Proposal Conference: 4/23/19	
	D. Proposals Due: 5/29/19	
	E. Pre-Qualification Completed: 9/16/19	
	F. Conflict of Interest Form Submitted to Ethics: 6/3/19	
	G. Protest Period End Date: 11/26/19	
5.	**Solicitations Picked-up/ Downloaded**: 105	**Proposals Received**: 3
6.	**Contract Administrator**: **Andrew Conriquez**	**Telephone Number**: **213-922-3528**
7.	**Project Manager**: **Alice Tolar**	**Telephone Number**: **213-418-3334**

A. Procurement Background

This Board Action is to approve Contract No. AE61156000 issued to provide the PA/ED, Concept of Operations (ConOps), and Design Development for the I-405 Sepulveda Pass Expresslanes. Board approval of contract award is subject to resolution of any properly submitted protest(s).

This Architectural and Engineering (A&E) qualifications-based Request for Proposal (RFP) was issued in accordance with Metro's Acquisition Policy and the contract type is firm fixed price.

A pre-proposal conference was held on April 23, 2019. There were 40 people from 17 companies who attended the pre-proposal meeting. There were 18 questions asked and responses were released prior to the proposal due date.

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

- Amendment No. 1 issued on April 26, 2019, removed the Medium Size Business Set-Aside (MSZ) Program, as it does not apply to A&E;
- Amendment No. 2 issued on May 10, 2019, increased the number of pages allowed in the Proposal;
- Amendment No. 3 issued on May 22, 2019, added SP-17 Payment and Reporting of Prevailing Wage.

A total of 105 firms downloaded the RFP and were included in the planholders list. A total of three proposals were received on May 29, 2019.

B. Evaluation of Proposals

A Proposal Evaluation Team (PET) consisting of staff from Metro Congestion Reduction Department and Caltrans District 7 was convened and conducted a comprehensive technical evaluation of the proposals received.

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

- Project Manager, Key Staff and Subcontractors Qualifications 20 percent
- Firms/Team Qualifications 20 percent
- Work Plan 30 percent
- Project Understanding and Approach 30 percent

The evaluation criteria are appropriate and consistent with criteria developed for other, similar A&E procurements. Several factors were considered when developing these weights, giving the greatest importance to the Work Plan and Project Understanding and Approach.

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

On June 4, 2019, the PET completed its independent evaluation of the proposals. All three firms were invited to be interviewed and are listed below in alphabetical order:

1. HNTB Corporation
2. WKE, Inc.
3. WSP USA, Inc.

During the week of July 8, 2019, the evaluation committee met and interviewed the firms. The firms' project managers and key team members had an opportunity to present each team's qualifications and respond to the evaluation committee's questions. In general, the firms elaborated on their experience, their approach to the Project, cost-effective project delivery solutions, risk mitigation, and discussed their plan and ability to meet the project schedule.

In addition, each firms' presentation addressed the requirements of the RFP, experience with all aspects of the required tasks, and stressed each firm's commitment to the success of the project. Also highlighted were staffing plans, work plans, and perceived project issues. Each team was asked questions relative to each firm's proposed alternatives and previous experience, and ability to coordinate between different public stakeholders.

Qualifications Summary of Recommended Firm:

WSP USA, Inc.

WSP USA, Inc. has been involved with cross disciplinary strategies and solutions across energy, structures, transportation, water and environmental projects around the globe. WSP USA, Inc., has numerous offices across the United States and has worked on every aspect of roads, airports, bridges, tunnels, maritime, transit systems, roads and bridges.

In their oral presentation, WSP USA, Inc., described their experience with developing Concept of Operations (ConOps) for Expresslanes and numerous PA/ED projects throughout Southern California. They demonstrated how they will manage and assist Metro in engaging and successfully developing relationships with key stakeholders. In addition, WSP USA, Inc. has worked on multiple projects in Los Angeles County such as the I-105 Expresslanes PA/ED and ConOps and the I-405 Expresslanes Level II Traffic and Revenue Study.

Final scoring determined that WSP USA, Inc., is the highest qualified firm. Below is a summary of the scores in order of rank:

	Firm	Weighted Average Score	Factor Weight	Average Score	Rank
1	**WSP USA, Inc.**				
2	Project Manager, Key Staff, Subconsultants Qualifications	84.33	20.00%	16.87	
3	Firms/Team Qualifications	82.85	20.00%	16.57	
4	Work Plan	80.86	30.00%	24.26	
5	Project Understanding & Approach	79.54	30.00%	23.86	
6	**Total**		**100.00%**	**81.56**	**1**
7	**HNTB Corporation**				
8	Project Manager, Key Staff, Subconsultants Qualifications	77.25	20.00%	15.45	
9	Firms/Team Qualifications	79.47	20.00%	15.89	
10	Work Plan	77.89	30.00%	23.37	
11	Project Understanding & Approach	75.19	30.00%	22.56	

12	**Total**		**100.00%**	**77.27**	**2**
13	**WKE, Inc.**				
14	Project Manager, Key Staff, Subconsultants Qualifications	71.67	20.00%	14.33	
15	Firms/Team Qualifications	72.83	20.00%	14.57	
16	Work Plan	75.89	30.00%	22.77	
17	Project Understanding & Approach	73.94	30.00%	22.18	
18	**Total**		**100.00%**	**73.85**	**3**

C. Cost Analysis

The recommended price has been determined to be fair and reasonable based upon an independent cost estimate (ICE), cost analysis, technical analysis, fact finding, and negotiations. Staff successfully negotiated a cost savings of $3,278,916.79 for the agency.

Proposer Name	Proposal Amount	Metro ICE	Negotiated
WSP USA, Inc.	$30,772,922	**$30,103,685**	**$27,494,005.21**

D. Background on Recommended Contractor

The recommended firm, WSP USA, Inc., is a professional consultancy firm with 100 offices nationwide, and during its history, the firm has planned and designed some of the nation's most significant infrastructure, including bridges, tunnels, transit systems, highways, airports, buildings, stadiums and energy storage facilities.

The proposed project manager has over 35 years of experience in transportation planning and design field, including multiple decades of experience working with Caltrans District 7. With most of the project manager's experience in the Southern California region, the project manager demonstrated an understanding of how to involve local, state, federal and community partners into the PA/ED process. In addition, the project manager has completed projects with the California Transportation Commission (CTC), Caltrans, Metro and Riverside County Transportation Commission. These projects include the support for the Expresslanes Toll Authorization, I-105 HOV Lane PA/ED, and SR-91 Corridor PA/ED.

Key personnel average over 28 years of experience. Project experience include

I-605 Concept of Operations, I-710 South Corridor PA/ED, I-5 Managed Lanes and Concept of Operations, I-10 HOV Lane Addition PA/ED, I-405 Improvements PA/ED, and I-15 Corridor PA/ED for the San Bernardino County Transportation Authority.

DEOD SUMMARY

I-405 SEPULVEDA PASS PHASE I EXPRESSLANES PROJECT APPROVAL/ ENVIRONMENTAL DOCUMENT (PA/ED), CONCEPT OF OPERATIONS, AND DESIGN DEVELOPMENT/AE61156000

A. Small Business Participation

The Diversity and Economic Opportunity Department (DEOD) established a 21% Small Business Enterprise (SBE) and 3% Disabled Veteran Business Enterprise (DVBE) goal for this solicitation. WSP USA exceeded the goal by making a 21.80% SBE commitment and a 3.17% DVBE commitment.

SMALL BUSINESS GOAL	21% SBE 3% DVBE	SMALL BUSINESS COMMITMENT	21.80% SBE 3.17% DVBE

	SBE Subcontractors	% Committed
1.	Del Richardson & Associates	1.66%
2.	Diaz Yourman & Associates	3.75%
3.	D'Leon Consulting Engineers	0.69%
4.	Guida Surveying, Inc.	4.95%
5.	Kal Krishnan Consulting Services, Inc.	0.48%
6.	System Metrics Group	4.68%
7.	Value Management Strategies	0.19%
8.	V&A Inc.	5.40%
	Total SBE Commitment	**21.80%**

	DVBE Subcontractors	% Committed
1.	OhanaVets, Inc.	3.17%
	Total DVBE Commitment	**3.17%**

B. 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.

C. Living Wage Service Contract Worker Retention Policy Applicability

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

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.