



## Board Report

---

**File #:** 2020-0491, **File Type:** Contract

**Agenda Number:** 48.

---

### CONSTRUCTION COMMITTEE AUGUST 20, 2020

**SUBJECT: I-5 NORTH HOV & TRUCK LANE ENHANCEMENT CONSTRUCTION SUPPORT SERVICES CONSULTANT (CSSC) CONTRACT**

**ACTION: APPROVE RECOMMENDATIONS**

#### **RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to:

- A. Negotiate and execute a 5-year cost-plus fixed fee Contract No. PS67828 with Hill International, Inc. to provide Construction Support Services for the I-5 North HOV & Truck Enhancement Project (Project), in an amount not-to-exceed \$50,000,000, and exercise 2 one-year options, when deemed appropriate; and
- B. Authorize the CEO to execute individual Contract Modifications within the Board approved Life of Project Budget.

#### **ISSUE**

A Construction Support Services Consultant (CSSC) is required to assist Metro staff in construction management oversight for the Project. Support services will begin in the construction contract procurement phase, continue through pre-construction activities and construction, and culminate in construction contract close. The CSSC will assist Metro staff with ensuring compliance with contract requirements and government regulations.

#### **BACKGROUND**

The Project is located both within the City of Santa Clarita and the unincorporated area of Los Angeles County, and consists of capacity and safety enhancements on I-5 between the SR-14 Interchange and the Parker Road Interchange, as well as Intelligent Transportation System (ITS) improvements between the I-405 and I-210 interchanges. The Project is approximately 17 miles in

total, with 13.6 centerline miles of median improvements to accommodate one HOV lane in each direction from north of SR-14 to just south of Parker Road interchange. It also includes outside improvements for auxiliary lanes at various locations between SR-14 and Parker Road to enhance freight operations and overall safety. ITS improvements, including count stations, closed-circle television (CCTV), and ramp metering will be performed along the entire alignment. The overall Project objectives are to improve public safety, enhance freight traffic flow and safety, and to ease congestion, enhance mobility, and improve regional traffic flow and travel time.

## **DISCUSSION**

The Project is a design-bid-build project, meaning that all design plans and specifications have been 100% completed by Metro's design consultants prior to award of a construction contract. As such, it is beneficial to have additional technical reviews of those technical bid documents by a consultant team to minimize risks to Metro during bidding and construction. The CSSC will provide review support of the technical bid documents, administration, inspection services and technical support during the bid period, and construction and close out phases of the project. The CSSC will provide skilled individuals to assist Metro with the construction management of the project. The consultant team will reside in an integrated project field office with Metro staff.

Hill International, Inc. was selected based on qualification and price criteria used to evaluate a total of five proposers. They have the experience and competence in construction support services, design-bid-build and integrated team structures on some of the most challenging and complex projects in Los Angeles County. The CSSC Contract is for a base term of five (5) years plus two (2) one-year options. The CSSC Contract will be a cost plus fixed fee contract, meaning the consultant services will be performed within the cost constraints of an Advanced Cost Agreement (ACA). The ACA will include negotiated direct labor rates, indirect cost rates, general and administrative expenses (if applicable), fixed fee, and negotiated labor hours for the level of effort to match the work. The contract will be funded from the existing Project budget with consideration given to information available at the time of planning and applicable time constraints on performance of the work. LACMTA Program Management shall ensure that strict project controls are in place so that LACMTA may closely monitor the expenditure of the contract not-to-exceed amount and schedule. No funds are obligated until negotiations for each annual plan are finalized.

Contract No. PS67828 includes an eighteen percent (18%) goal for Disadvantaged Business Enterprise (DBE) requirement of the Total Contract Price. Hill International, Inc. made a DBE Commitment of 24.99% DBE goal. DEOD will actively monitor the consultant and their subcontracting plan to ensure the awarded party will uphold their commitment to the DBE goals during the Contract.

## **DETERMINATION OF SAFETY IMPACT**

Approval of this item will have no impact on safety.

## **FINANCIAL IMPACT**

The Project is funded on a fiscal year basis under number 460313 cost center 8510, under various accounts including Professional/Technical Services and ROW acquisitions. The CSSC contract work scope will plan and fund on an annual basis until the Life of Project Budget is established. It is the responsibility of the Project Manager and Chief Program Management Officer to budget for this project in future fiscal years.

### **IMPACT TO BUDGET**

The source of funds for this recommendation is Surface Transportation Block Grant Program, Fastlane/INFRA Grant, SB1 Trade Corridor Funding, Measure R Highway Capital and Measure M Highway Capital Funds. No other funds have been considered. These funds are not eligible for Metro's operations of bus and rail.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The Project is consistent with the following Metro Vision 2028 Goals and Objectives:

Goal 1: Providing high-quality mobility options and improve transit efficiency;

Goals 4 and 5: Transforming LA County through regional collaboration with Caltrans and the corridor cities by contributing funds and providing resources to assist Caltrans in completion of these projects

### **ALTERNATIVES CONSIDERED**

The Board could direct Metro staff to perform construction support tasks with current in-house resources. This alternative would require Metro to divert resources from on-going projects and/or hire multiple full-time personnel that are not immediately available or funded. Additionally, this decision would result in further schedule delay and cost increases.

### **NEXT STEPS**

After Board approval of the recommended action, staff will complete the process to award and execute Contract No. PS67828.

### **ATTACHMENTS**

Attachment A - Procurement Summary

Attachment B - DEOD Summary

Prepared \_By

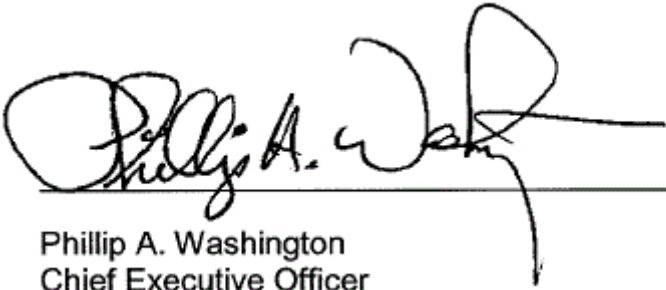
Prepared by:

Brad Owen, Executive Officer, Program Management (213) 418-3143

Reviewed by:

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

Richard Clarke, Chief Program Management Officer, Program Management (213) 922-7447



Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

**I-5 N HOV AND TRUCK LANE ENHANCEMENT CONSTRUCTION SUPPORT  
SERVICES CONSULTANT (CCSC)  
PS67828**

1.	<b>Contract Number:</b> PS67828	
2.	<b>Recommended Vendor:</b> Hill International, Inc.	
3.	<b>Type of Procurement (check one):</b> <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP <input 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> January 10, 2020	
	<b>B. Advertised/Publicized:</b> January 11, 2020 through January 16, 2020	
	<b>C. Pre-Proposal Conference:</b> January 16, 2020	
	<b>D. Proposals Due:</b> March 5, 2020	
	<b>E. Pre-Qualification Completed:</b>	
	<b>F. Organizational Conflict of Interest Review Completed by Ethics:</b> July 31, 2020	
	<b>G. Protest Period End Date:</b> August 24, 2020	
5.	<b>Solicitations Picked up/Downloaded:</b> 132	<b>Proposals Received:</b> 5
6.	<b>Contract Administrator:</b> Robert Romanowski	<b>Telephone Number:</b> 213-922-2633
7.	<b>Project Manager:</b> Paul Sullivan	<b>Telephone Number:</b> 213-922-4958

**A. Procurement Background**

This Board Action is to approve Contract No. PS67828 I-5 N HOV and Truck Lane Enhancement Construction Support Services Consultant (CSSC) to provide construction support services that will assist and support Metro in the performance of Metro's responsibilities managing the Construction of the upcoming I-5 N HOV and Truck Lane on behalf of Caltrans including assist and support overall project and construction management, community involvement, coordination of construction impacts with surrounding community, coordination with Metro Program Management Office including Construction Management, coordination with Caltrans, safety and security compliance oversight and loss prevention, quality management, cost and schedule management, environmental and project control oversight.

Board approval of contract awards are subject to resolution of any properly submitted protest.

The Request for Proposals (RFP) was a competitively negotiated procurement process, performed in accordance with Metro Procurement Policies and Procedures. This process required each of the Proposers' proposals and qualifications to be evaluated based on the evaluation criteria set forth in the RFP. The evaluation criteria were weighted, including the cost proposal. The Proposers were rated accordingly and the results are shown below. The RFP was issued with a DBE goal of 18%. The contract type is a cost plus fixed fee. The Contract is for a base term of five (5) years plus two (2) one-year options.

Seven amendments were issued during the solicitation phase of the RFP:

- Amendment No. 1, issued on January 27, 2020, extended the Proposal Due Date to February 25, 2020.
- Amendment No. 2, issued on February 11, 2020, extended the Proposal Due Date to March 3, 2020.
- Amendment No. 3, issued on February 12, 2020, corrected two required Certifications to correct template formatting errors.
- Amendment No. 4, issued on February 19, 2020, extended the Proposal Due Date one final time to March 5, 2020; deleted unnecessary clauses from the Contract template; modified and finalized the Submittal Requirements; and reinstated the CHANGES clause as a mandatory flow-down provision.
- Amendment No. 5, issued February 20, 2020, confirmed the Proposal Due Date of March 5, 2020, issued a CSSC STAFFING PLAN with a standardized level of effort (labor hours) for Proposers to use in preparing their Cost and Fee Proposal, and modified the Scope of Services to finalize the Direct Labor Categories.
- Amendment No. 6, issued February 25, 2020, deleted the requirement that Proposers demonstrate evidence of bonding capacity that had previously been added to the Submittal Requirements in Amendment No. 4.
- Amendment No. 7, issued March 2, 2020, confirmed the Proposal Due Date of March 5, 2020 and finalized the DBE requirements.

A total of five (5) proposals were received on March 5, 2020 from the following firms, listed in alphabetical order:

- AECOM
- Arcadis U.S., Inc.
- Hill International, Inc.
- North Valley Partners, Joint Venture
- PreScience Corporation

## **B. Evaluation of Proposals**

A Proposal Evaluation Team (PET), consisting of staff from Metro Construction Management and Office of Transit Project Delivery, was convened and conducted a comprehensive evaluation of the proposals received.

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

- Experience and Qualifications of Firms on the Consultant's Project Team 30 percent
- Experience and Capabilities of the Key Personnel 20 percent
- Project Understanding and Approach 30 percent
- Cost Proposal 20 percent

The evaluation criteria were appropriate and consistent with criteria developed for other, similar procurements for professional services. Several factors were considered when developing the weightings, giving the greatest importance to Experience and Qualifications of Firms on the Consultant's Project Team and Project Understanding and Approach.

The PET evaluated all five (5) written qualification proposals. On March 24, 2020, the PET held oral presentations with all five (5) Proposers. The firms were given the opportunity to present on:

Experience and Qualifications of Firms on the Consultant's Project Team and Project Understanding and Approach.

The proposing firms had the opportunity to present their proposed key personnel in the context of their presentation of the two Evaluation Criteria specified above as well as respond to the PET's clarifying questions. In general, each Proposer's presentation addressed the requirements of the RFP.

Of the five (5) proposals received, all five (5) were determined to be within the competitive range as defined by the determination that all five proposals are technically adequate and are responsive to the Submittal Requirements of the RFP.

#### **Qualifications Summary of Firms within the Competitive Range in Alphabetical Order:**

##### **AECOM**

- Proposal substantially meets the RFP minimum requirements and exceeds the requirements in the area of the Experience and Qualifications of Firms on the Consultant's Project Team and also in the area of Project Understanding and Approach.

##### **ARCADIS U.S., INC.**

- Proposal substantially meets the RFP minimum requirements and exceeds the requirements in the area of the Experience and Qualifications of Firms on the Consultant's Project Team.
- Proposal significantly exceeds the RFP minimum requirements in the area of Project Understanding and Approach.

**HILL INTERNATIONAL, INC.**

- Proposal substantially meets the RFP minimum requirements and exceeds the requirements in the area of the Experience and Qualifications of Firms on the Consultant’s Project Team.
- Response generally meets the RFP minimum requirements in the area of Experience and Capabilities of the Key Personnel.
- Proposal significantly exceeds the RFP minimum requirements in the area of Project Understanding and Approach.

**NORTH VALLEY PARTNERS, JOINT VENTURE**

- Response generally meets the RFP minimum requirements in the area of Experience and Qualifications of Firms on the Consultant’s Project Team.
- Response substantially meets the RFP minimum requirements and exceeds the requirements in the area of Project Understanding and Approach.

**PRESCIENCE CORPORATION**

- Response generally meets the RFP minimum requirements in the area of Experience and Qualifications of Firms on the Consultant’s Project Team.
- Response lacks information in demonstrating responsiveness to the Experience and Capabilities of Key Personnel.
- Response substantially meets the RFP minimum requirements and exceeds the requirements in the area of Project Understanding and Approach.

The PET evaluated and scored all five (5) proposals as follows, based on the evaluation criteria in the RFP, and assessed major strengths, weaknesses and associated risks of each of the Proposers. The most advantageous Proposer was determined to be Hill International, Inc. The final scoring was based on evaluation of the written proposals, as supported by oral presentations, clarifications received from the Proposers, and Cost. The results of the final scores are shown below:

	<b>Firm</b>	<b>Average Score</b>	<b>Factor Weight</b>	<b>Weighted Average Score</b>	<b>Rank</b>
	<b>HILL INTERNATIONAL, INC.</b>				
	Experience and Qualifications of Firms on the Consultant’s Project Team	87.22	30%	26.17	
	Experience and Capabilities of the Key Personnel	83.75	20%	16.75	
	Project Understanding and Approach	86.10	30%	25.83	
	Cost Proposal	98.75	20%	19.75	
	<b>Total</b>		<b>100.00%</b>	<b>88.50</b>	<b>1</b>



	<b>ARCADIS U.S., INC.</b>				
	Experience and Qualifications of Firms on the Consultant's Project Team	86.22	30%	25.87	
	Experience and Capabilities of the Key Personnel	85.35	20%	17.07	
	Project Understanding and Approach	87.77	30%	26.33	
	Cost Proposal	79.85	20%	15.97	
	<b>Total</b>		<b>100.00%</b>	<b>85.23</b>	<b>2</b>
	<b>NORTH VALLEY PARTNERS, JOINT VENTURE</b>				
	Experience and Qualifications of Firms on the Consultant's Project Team	82.43	30%	24.73	
	Experience and Capabilities of the Key Personnel	83.50	20%	16.70	
	Project Understanding and Approach	88.83	30%	26.65	
	Cost Proposal	81.50	20%	16.30	
	<b>Total</b>		<b>100.00%</b>	<b>84.38</b>	<b>3</b>
	<b>PRESCIENCE CORPORATION</b>				
	Experience and Qualifications of Firms on the Consultant's Project Team	75.57	30%	22.67	
	Experience and Capabilities of the Key Personnel	66.65	20%	13.33	
	Project Understanding and Approach	87.30	30%	26.19	
	Cost Proposal	100.00	20%	20.00	
	<b>Total</b>		<b>100.00%</b>	<b>82.19</b>	<b>4</b>
	<b>AECOM</b>				
	Experience and Qualifications of Firms on the Consultant's Project Team	90.10	30%	27.03	
	Experience and Capabilities of the Key Personnel	79.60	20%	15.92	
	Project Understanding and Approach	84.43	30%	25.33	
	Cost Proposal	55.05	20%	11.01	
	<b>Total</b>		<b>100.00%</b>	<b>79.29</b>	<b>5</b>

\* Weighted Scores are rounded up to the nearest second decimal point.

\*\* Cost proposals were based on the Proposer's rates for a sample level of effort. Scores shown above for the cost proposals are based on formulae in the RFP with the highest score going to the lowest cost proposal.

**C. Cost/Price Analysis**

Metro performed a price analysis of labor rates and comparing the five (5) proposals in the competitive range with one another as well as Metro's estimate. All Cost Proposals were based on direct labor rates, overhead cost rates, other direct costs, sub-consultant costs and fixed fee. The proposed cost rates for the recommended firm were determined to be fair and reasonable. Negotiations have not yet been finalized.

	<b>Proposer Name</b>	<b>Cost Proposal Amount <sup>(1)</sup></b>	<b>Metro ICE</b>	<b>Recommended Contract Amount <sup>(2)</sup></b>
1	<b>Prescience Corporation</b>	\$23,595,013.93	\$54,034,293	<b>\$50,000,000</b>
2	<b>Hill International, Inc.</b>	\$23,896,911.90		
3	<b>North Valley Partners, Joint Venture</b>	\$28,950,711.54		
4	<b>Arcadis U.S., Inc.</b>	\$29,544,993.37		
5	<b>AECOM</b>	\$42,862,892.61		

Notes:

- (1) The cost proposal amounts shown are only for the standardized level of effort based on a Staffing Plan of 121,064 labor hours of Key Personnel issued in the RFP, in order to perform price analysis for evaluation purposes only. Hourly labor rates, overhead rates, ODCs, and fixed fee will be negotiated in order to reach a final Total Contract Price that can be determined to be fair and reasonable.
- (2) The amount \$50,000,000 is the requested NTE for the basic term of the contract. Work will be funded annually according to an Annual Work Program.

**D. Background on Recommended Contractor**

The recommended firm, Hill International, Inc. is an advisory and project construction management (PM/CM) consulting firm. Hill International, Inc. has managed similar projects for Caltrans District 7 and 8, among others.

## DEOD SUMMARY

I-5 NORTH HOV & TRUCK LANE ENHANCEMENT CONSTRUCTION SUPPORT  
SERVICES / PS67828**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established an 18% Disadvantaged Business Enterprise (DBE) goal for this solicitation. Hill International, Inc. made a 24.99% DBE commitment. Hill International, Inc.'s final DBE commitment will be determined once negotiations have concluded.

<b>Small Business Goal</b>	<b>18% DBE</b>	<b>Small Business Commitment</b>	<b>24.99% DBE</b>
----------------------------	----------------	----------------------------------	-------------------

	<b>DBE Subcontractors</b>	<b>Ethnicity</b>	<b>% Committed</b>
1.	Destination Enterprises, Inc.	Caucasian Female	2.07%
2.	IQON Engineers, Inc.	Subcontinent Asian American	0.11%
3.	PacRim Engineering, Inc.	Asian Pacific American	0.11%
4.	KZAB Engineers, Inc.	Subcontinent Asian American	6.29%
5.	FCG Consultants, Inc.	Caucasian Female	3.33%
6.	S2 Engineering, Inc.	Subcontinent Asian American	6.35%
7.	California Testing and Inspections	Hispanic American	0.12%
8.	TEC Management Consultants, Inc.	African American	1.43%
9.	Mammoth Associates, LLC	Caucasian Female	1.17%
10.	D'Leon Consulting Engineers	Hispanic American	0.14%
11.	CQMS, Construction Quality Management Solutions, Inc.	Caucasian Female	3.87%
<b>Total Commitment</b>			<b>24.99%</b>

**B. Contracting Outreach and Mentoring Plan**

Proposers were required to submit a Contracting Outreach and Mentoring Plan (COMP), which included its plan to mentor three (3) DBE firms for protégé development. Hill International, Inc. met this requirement.

**C. Living Wage and Service Contract Worker Retention Policy Applicability**

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

**D. 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).

**E. 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.