



Board Report

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Agenda Number: 11.

PLANNING AND PROGRAMMING COMMITTEE OCTOBER 16, 2019

SUBJECT: WB SR-91 ALONDRA BLVD. TO SHOEMAKER AVE. IMPROVEMENT PROJECT

ACTION: AWARD PROFESSIONAL SERVICES CONTRACT

RECOMMENDATION

AUTHORIZE the Chief Executive Officer (CEO) to execute a two-year, firm fixed price Contract No. AE60979000 with Michael Baker International in the amount of \$11,474,367.25 for Architectural and Engineering (A&E) services for the preparation of Plans, Specifications, and Estimates (PS&E) for the WB SR-91 Alondra Blvd. to Shoemaker Ave. Improvement Project (Project), subject to resolution of protest(s), if any.

ISSUE

Metro, in collaboration with Caltrans District 7 and the Gateway Cities Council of Governments (GCCOG), is advancing the development and implementation of State Route 91 (SR-91) improvements between Alondra Boulevard and Shoemaker Avenue to reduce congestion and improve freeway and local interchange operations as part of the SR-91/I-605/I-405 Hot Spots Program funded by Measure R and Measure M. Attachment C shows the Project location. This contract award will enable Metro to complete the final design for the proposed improvements.

BACKGROUND

The Metro Board designated \$590 million in Measure R funds for the congestion “Hot Spots” relief improvements along the I-605, SR-91 and I-405 Corridors in the Gateway Cities sub-region. In March 2013, Metro completed a feasibility study for improvements on I-605 and crossing corridors (I-405, SR-91, I-105, I-5, and SR-60) to identify congestion “Hot Spots” and develop preliminary improvement concepts. One of the identified congestion Hot Spots was the I-605/SR-91 Interchange.

Metro completed a Project Study Report/Project Development Support (PSR/PDS) for the I-605/SR-91 Interchange in July 2014. The PSR/PDS is an initial scoping/resourcing document that identifies transportation deficiencies, major elements that should be investigated, and the resources needed to complete the preliminary engineering and environmental process for improvement project(s). A total of five independent projects were identified within the SR-91/I-605 interchange area including the proposed project.

The Project limits are from west of Shoemaker Ave. on SR-91 to south of Alondra Blvd. on northbound I-605. The project would add one new mixed-flow lane on SR-91 in the westbound direction from the Artesia Blvd. on-ramp to the I-605 Connector ramp, joining at the point where the westbound SR-91 to the northbound I-605 connector ramp flares from one to two lanes. This would create a three lane transition from westbound SR-91 to I-605: a one lane I-605 southbound connector, and a two lane I-605 northbound connector. This project has been identified as a subregional priority project by Metro and the GCCOG.

DISCUSSION

The budget of \$11,474,367.25 will be a firm fixed price to deliver the scope. Metro will be the lead agency for completion of the PS&E for the Project. Upon completion of final design, the Project will be advanced to construction.

DETERMINATION OF SAFETY IMPACT

The proposed action has no adverse impact on the safety of Metro's patrons, employees, or users of these facilities.

FINANCIAL IMPACT

For FY20, \$1,800,000 has been budgeted in Highway Program Cost Center 4730, in WB SR-91 Alondra Blvd. to Shoemaker Ave. Improvement Project 462314, Task 5.3.100, Professional Services Account 50316.

Since this is a multi-year project, the Project Manager, the Cost Center Manager, and the Senior Executive Officer, Program Management - Highway Program will be responsible for budgeting the remaining costs of the Project in future fiscal years.

Impact to Budget

The source of funds will be Measure R Highway Capital (20%) and SB1 Trade Corridor Enhancement Program Funds. These funds are not eligible for bus and rail operations and/or capital expenditures.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

The proposed project is consistent with the following goals of the Metro Vision 2028 Strategic Plan:

Goal 1: Provide high-quality mobility options that enable people to spend less time traveling by alleviating the current operational deficiencies and improving mobility along the SR-91.

Goal 4: Transform LA County through regional collaboration by partnering with the GCCOG and Caltrans to identify the needed improvements on State highways and take the lead in development and implementation of highway improvement projects.

ALTERNATIVES CONSIDERED

The Board may elect not to award the Contract. However, this alternative is not recommended because this Project is included in the Measure R and Measure M Expenditure Plans and reflects regional consensus on the importance of the Project in improving corridor mobility and safety. Approval to proceed with contract award to complete the pre-construction phases of the project is consistent with the goals of Measure R and Measure M.

NEXT STEPS

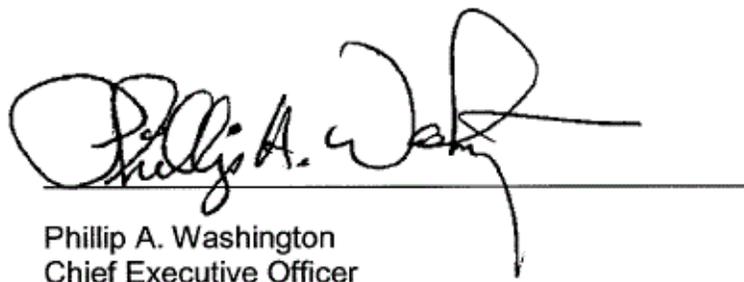
Upon Board approval, staff will execute a two-year, firm fixed price Contract No. AE60979000 with Michael Baker International in the amount of \$11,474,367.25 for A&E services for completion of PS&E for the Project.

ATTACHMENTS

Attachment A - Procurement Summary
Attachment B - DEOD Summary
Attachment C - Project Location Map

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Phillip A. Washington
Chief Executive Officer

PROCUREMENT SUMMARY

**WB SR-91 Alondra Blvd. to Shoemaker Ave. Improvement Project
AE60979000**

1.	Contract Number: AE60979000	
2.	Recommended Vendor: Michael Baker International	
3.	Type of Procurement (check one): <input type="checkbox"/> IFB <input type="checkbox"/> RFP <input checked="" type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	Procurement Dates:	
	A. Issued: April 25, 2019	
	B. Advertised/Publicized: April 25, 2019	
	C. Pre-Proposal Conference: May 8, 2019	
	D. Proposals Due: May 29, 2019	
	E. Pre-Qualification Completed: September 20, 2019	
	F. Conflict of Interest Form Submitted to Ethics: July 18, 2019	
	G. Protest Period End Date: October 22, 2019	
5.	Solicitations Picked up/Downloaded: 95	Proposals Received: 4
6.	Contract Administrator: DeValory Donahue	Telephone Number: 213-922-4726
7.	Project Manager: Carlos Montez	Telephone Number: 213-418-3241

A. Procurement Background

This Board Action is to approve Contract No. AE60979000 issued to Michael Baker International in support of the Westbound State Route-91 Alondra Blvd. to Shoemaker Ave. Improvement Project. Board approval of a contract award is subject to the resolution of any properly submitted protest.

The Request for Proposal (RFP) was issued in accordance with Metro's Acquisition Policy and the contract type is firm fixed price. The RFP was issued with a Disadvantaged Business Enterprise (DBE) goal of 20%.

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

- Amendment No. 1, issued on May 15, 2019, revised Pages 37, 40, 42, and added, Exhibits 14 and 15.

A pre-proposal conference was held on May 8, 2019 and was attended by participants representing 16 companies. There were 16 questions asked and responses were released prior to the proposal due date.

A total of 95 firms downloaded the RFP and were included in the planholders' list. A total of four proposals were received on May 29, 2019.

B. Evaluation of Proposals

A Proposal Evaluation Team (PET), consisting of staff from Metro Highway Programs, was convened and conducted a technical evaluation of the proposals received.

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

• Firm/Team Qualifications	25 percent
• Project Manager, Key Staff, and Sub-Consultants Qualifications	35 percent
• Project Understanding and Approach	25 percent
• Work Plan	<u>15 percent</u>
Total	100 percent

The evaluation criteria are appropriate and consistent with criteria developed for other, similar highway procurements. Several factors were considered when developing these weights, giving the greatest importance to the Project Manager, Key Staff, and Sub-Consultants Qualifications.

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

All four proposals received were reviewed and are listed below in alphabetical order:

1. AECOM Technical Services, Inc.
2. Michael Baker International
3. Moffatt & Nichol
4. TranSystems Corporation

During the period of May 31, 2019 through June 21, 2019, the PET completed its independent evaluation of the proposals.

The PET conducted oral presentations for all firms during the week of June 10, 2019. The firms had an opportunity to highlight technical challenges and present innovative solutions. In general, each firm 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 the staffing plans, work plans, and perceived project issues. Each team was asked questions relative to each firm's proposed alternatives and previous experience.

The final scoring after the oral presentations, determined Michael Baker International to be the highest ranking firm.

Qualifications Summary of Recommended Firm

Michael Baker International

Michael Baker International is a current and established architectural and engineering firm. Their proposal conveyed extensive knowledge of and the ability to prepare plans,

specifications, and estimates for the WB SR-91 Alondra Blvd. to Shoemaker Ave. improvement with a focused and thorough effort. The firm provided a clear understanding of managing CalTrans projects. The work plan was clear with detailed problem resolution. In addition, they have proposed an experienced team in support of this Metro project. The Senior Project Manager has 36 years of engineering experience, including 10 years on Metro projects, and is also the West Region Transportation Practice Leader for Michael Baker International.

Following is a summary of the PET evaluations scores:

	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
	Michael Baker International				
1	Firm/Team Qualifications	85.56	25.00%	21.39	
2	Project Manager, Key Staff, and Sub-Consultants Qualifications	85.00	35.00%	29.75	
3	Project Understanding and Approach	81.12	25.00%	20.28	
4	Work Plan	86.67	15.00%	13.00	
5	Total		100.00%	84.42	1
	TranSystems Corporation				
6	Firm/Team Qualifications	84.44	25.00%	21.11	
7	Project Manager, Key Staff, and Sub-Consultants Qualifications	80.83	35.00%	28.29	
8	Project Understanding and Approach	77.80	25.00%	19.45	
9	Work Plan	88.33	15.00%	13.25	
10	Total		100.00%	82.10	2
	Moffatt & Nichol				
11	Firm/Team Qualifications	81.12	25.00%	20.28	
12	Project Manager, Key Staff, and Sub-Consultants Qualifications	80.83	35.00%	28.29	
13	Project Understanding and Approach	78.88	25.00%	19.72	
14	Work Plan	86.13	15.00%	12.92	
15	Total		100.00%	81.21	3
	AECOM Technical Services, Inc.				
16	Firm/Team Qualifications	76.68	25.00%	19.17	
17	Project Manager, Key Staff, and Sub-Consultants Qualifications	74.17	35.00%	25.96	
18	Project Understanding and Approach	72.24	25.00%	18.06	
19	Work Plan	84.47	15.00%	12.67	
20	Total		100.00%	75.86	4

C. Cost Analysis

The recommended price has been determined to be fair and reasonable based upon a Management Audit Services audit, an independent cost estimate (ICE), cost analysis, technical analysis, fact finding, and negotiations. Staff negotiated a cost savings of \$2,609,520.

Proposer Name	Proposal Amount	Metro ICE	Negotiated Price
Michael Baker International	\$14,083,887.16	\$10,929,600	\$11,474,367.25

The primary difference between the negotiated price and ICE is that the ICE did not take into consideration negotiations for temporary construction easements.

D. Background on Proposed Contractors

Michael Baker International

Michael Baker International has been in business for 30 years and has played a significant role in the development of Southern California's expansive transportation network. Since 2011, the firm has developed various studies for the SR-91/1-605/I-405 Congestion Hot Spots. They are currently delivering numerous highway improvements as part of the multi-billion dollar, voter-approved Measure R and M programs. In January 2019, Michael Baker International successfully delivered the PA/ED for the WB SR-91 Improvement Project from Alondra Blvd. to Shoemaker Ave.

DEOD SUMMARY

**WB SR-91 ALONDRA BLVD. TO SHOEMAKER AVE. IMPROVEMENT PROJECT/
AE60979000**

A. Small Business Participation

The Diversity and Economic Opportunity Department (DEOD) established a 20% Disadvantaged Business Enterprise (DBE) goal for this solicitation. Michael Baker International, Inc. exceeded the goal by making a 23.02% DBE commitment.

Small Business Goal	20% DBE	Small Business Commitment	23.02% DBE
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	DBE/ Subcontractors	Ethnicity	% Committed
1.	ACT Consulting Engineers, Inc.	Hispanic American	14.24%
2.	Earth Mechanics, Inc.	Subcontinent Asian American	4.48%
3.	Intueor Consulting, Inc.	Subcontinent Asian American	2.33%
4.	Hennessey & Hennessey LLC	Non-Minority Female	0.72%
5.	MA Engineering, Inc.	Hispanic American	0.58%
6.	E-Nor Innovations, Inc.	African American	0.37%
7.	Arellano Associates, LLC	Hispanic American Female	0.30%
	Total DBE Commitment		23.02%

B. Living Wage and Service Contract Worker Retention Policy Applicability

The Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) 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.

ATTACHMENT C - PROJECT LOCATION MAP

