Los Angeles County
Metropolitan Transportation
Authority
One Gateway Plaza
3rd Floor Board Room
Los Angeles, CA

File #: 2019-0196, **File Type:** Contract **Agenda Number:** 38.

REGULAR BOARD MEETING
APRIL 25, 2019

SUBJECT: PROJECT APPROVAL AND ENVIRONMENTAL DOCUMENT (PA&ED) FOR SR-91 ACACIA COURT TO CENTRAL AVENUE IMPROVEMENT PROJECT

ACTION: AWARD PROFESSIONAL SERVICES CONTRACT

RECOMMENDATION

AUTHORIZE the Chief Executive Officer (CEO) to execute a two-year, firm fixed price Contract No. AE57645000 with HNTB Corporation in the amount of $5,006,899.68 for Architectural and Engineering (A&E) services for the preparation of a Project Approval and Environmental Document (PA&ED) for the SR-91 Acacia Court to Central Avenue Improvement Project (the Project), subject to resolution of protest(s), if any.

(CARRIED-OVER FROM MARCH BOARD MEETING)

ISSUE

Metro, in collaboration with Caltrans District 7 and the Gateway Cities Council of Governments (GCCOG), is advancing the development and implementation of the State Route 91 improvements between Acacia Court and Central 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.

BACKGROUND

The SR-91 freeway experiences significant congestion and operational deficiencies, which are forecasted to increase in the future absent any physical and operational improvements to the facility. Within the limits of this project, improvements are needed to resolve the current operational and safety-related deficiencies associated with the closely-spaced interchanges of Central Ave., Wilmington Ave., and Acacia Ct. These interchanges have created a vehicle weaving conflict at ramp locations due to congestion on the general purpose lanes and frontage road. Additionally, the off ramp intersections at Wilmington Ave and Central Ave converge onto a 3-phase intersection with deficient truck turning radii that impede left turn truck movements. The Project consists of improvements on the SR-91 mainline, on/off ramps, Artesia Blvd, Acacia Ct, Wilmington Ave, and Central Ave in the City of Compton. This project has been identified as a subregional priority project by Metro and the GCCOG.

DISCUSSION

The Metro Board designated $590 million in Measure R funds for the “Hot Spots” congestion 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 to identify congestion “Hot Spots” along those freeways and develop preliminary improvement concepts.

Metro continued with a Project Study Report-Project Development Support (PSR-PDS) for the SR-91 and I-710 Interchange (SR-91 Central Avenue to Paramount Boulevard PSR-PDS) that Caltrans approved in July 2017. The PSR-PDS is an initial scoping and resourcing document that identifies transportation deficiencies, major elements that should be investigated, and the resources needed to complete the environmental and preliminary engineering phases. A total of eight independent Early Action Projects (EAP) were identified for SR-91 between Central Avenue and Paramount Boulevard including the Project.

Caltrans is the lead agency for NEPA/CEQA compliance. Metro will be responsible for managing completion of the PA&ED for the Project. Upon approval by Caltrans, the Project will be ready for final design and 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 FY19, $300,000 has been budgeted in Highway Program Cost Center 4720, in SR-91 Acacia Court to Central Avenue Improvement Project 460350, Tasks 5.2.100, 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%) 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 and take the lead in development and implementation of the project.

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 Contract No. AE57645000 with HNTB Corporation in the amount of $5,006,899.68 for A&E services for completion of PA&ED for the SR-91 Acacia Court to Central Avenue Improvement Project.

ATTACHMENTS

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

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PROCUREMENT SUMMARY

PROJECT APPROVAL AND ENVIRONMENTAL DOCUMENT FOR SR91/ACACIA COURT TO CENTRAL AVENUE IMPROVEMENT PROJECT/AE57645000

1.	**Contract Number**: AE57645000	
2.	**Recommended Vendor**: HNTB Corporation	
3.	**Type of Procurement (check one):** ☐ **IFB** ☐ **RFP** ☒ **RFP–A&E** ☐ **Non-Competitive** ☐ **Modification** ☐ **Task Order**	
4.	**Procurement Dates**:	
	A. Issued: 10/10/18	
	B. Advertised/Publicized: 10/12/18	
	C. Pre-Proposal Conference: 10/18/18	
	D. Proposals Due: 11/13/18	
	E. Pre-Qualification Completed: 3/5/19	
	F. Conflict of Interest Form Submitted to Ethics: 12/6/18	
	G. Protest Period End Date: 3/25/19	
5.	**Solicitations Picked-up/ Downloaded**: 103	**Proposals Received**: 5
6.	**Contract Administrator**: **Andrew Conriquez**	**Telephone Number**: **213-922-3528**
7.	**Project Manager**: **Carlos Montez**	**Telephone Number**: **213-418-3241**

A. Procurement Background

This Board Action is to approve Contract No. AE57645000 issued to provide an improvement plan to address traffic issues that occur along SR91/Acacia Court to Central Avenue. Board approval of contract award is 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 and the contract type is firm fixed price.

A pre-proposal conference was held on October 18, 2018. There were 21 people from 18 companies who attended the pre-proposal meeting. There were 11 questions asked and responses were released prior to the proposal due date.

No amendments were issued during the solicitation phase of this RFP.

A total of 103 firms downloaded the RFP and were included in the planholders list. A total of five proposals were received on November 13, 2018.

B. Evaluation of Proposals

A Proposal Evaluation Team (PET) consisting of staff from Metro Highway Programs, 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:

- Firm/Team Qualifications 35 percent
- Project Manager, Key Staff & Subconsultants Qualifications 35 percent
- Project Understanding and Approach 15 percent
- Work Plan 15 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 Firm/Team Qualifications and Project Manager, Key Staff & Subconsultants Qualifications.

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

On November 19, 2018 the PET completed its independent evaluation of the proposals. All five firms were invited to be interviewed and are listed below in alphabetical order:

1. AECOM Technical Services, Inc.
2. HNTB Corporation
3. Mark Thomas & Company, Inc.
4. Parsons Transportation Group, Inc.
5. TranSystems Corporation

During the week of December 3, 2018, 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, 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:

HNTB Corporation

Founded in 1914, HNTB has been involved in planning, engineering, environmentally clearing and producing plans, specifications and estimates for highway and bridge structures in Southern California. HNTB Corporation has numerous offices across the United States and has designed many roads, airports bridges, tunnels, rail and transit systems.

In their oral presentation, HNTB Corporation described their experience with transportation projects including highway improvements. They demonstrated how they will create a management structure to assist Metro and Caltrans in engaging stakeholders. In addition, HNTB has worked on multiple Los Angeles County projects such as SR710/North Study Alternatives Analysis, I-605 /Beverly Boulevard Interchange Improvements, and I-105 Express Lanes PA/ED.

Final scoring determined that HNTB Cooptation 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	**HNTB Corporation**				
2	Firm/Team Qualifications	89.05	35.00%	31.17	
3	Project Manager, Key Staff, Subconsultants Qualifications	86.66	35.00%	30.33	
4	Project Understanding & Approach	73.33	15.00%	11.00	
5	Work Plan	80.00	15.00%	12.00	
6	**Total**		**100.00%**	**84.50**	**1**
7	**TranSystems Corporation**				
8	Firm/Team Qualifications	80.00	35.00%	28.00	
9	Project Manager, Key Staff, Subconsultants Qualifications	78.37	35.00%	27.43	
10	Project Understanding & Approach	70.00	15.00%	10.50	
11	Work Plan	79.33	15.00%	11.90	
12	**Total**		**100.00%**	**77.83**	**2**
13	**Parsons Transportation Group**				

14	Firm/Team Qualifications	73.34	35.00%	25.67	
15	Project Manager, Key Staff, Subconsultants Qualifications	66.66	35.00%	23.33	
16	Project Understanding & Approach	76.46	15.00%	11.47	
17	Work Plan	79.80	15.00%	11.97	
18	**Total**		**100.00%**	**72.44**	**3**
19	**AECOM Technical Services**				
20	Firm/Team Qualifications	73.34	35.00%	25.67	
21	Project Manager, Key Staff, Subconsultants Qualifications	65.06	35.00%	22.77	
22	Project Understanding & Approach	76.67	15.00%	11.50	
23	Work Plan	78.47	15.00%	11.77	
24	**Total**		**100.00%**	**71.71**	**4**
25	**Mark Thomas & Company**				
26	Firm/Team Qualifications	63.34	35.00%	22.17	
27	Project Manager, Key Staff, Subconsultants Qualifications	61.71	35.00%	21.60	
28	Project Understanding & Approach	75.13	15.00%	11.27	
29	Work Plan	78.46	15.00%	11.77	
30	**Total**		**100.00%**	**66.81**	**5**

C. Cost Analysis

The recommended price has been determined to be fair and reasonable based upon an independent cost estimate, cost analysis, technical analysis, fact finding, and negotiations. Staff negotiated a cost savings of $816,334 for the agency.

Proposer Name	Proposal Amount	Metro ICE	Negotiated
HNTB Corporation	$5,823,233.76	**$5,619,170**	**$5,006,899.68**

D. Background on Recommended Contractor

The recommended firm, HNTB Corporation is an architecture, civil engineering consulting and construction management firm that was founded in 1914. The firm has

numerous offices across the United States, and has designed many roadways, airports, bridges, tunnels, and rail and transit systems across the United States and around the world. HNTB Corporation has 175 employees in the Southern California region.

The proposed project manager has over 17 years of project manager experience and 26 years working with Caltrans. The knowledge and experience the project manager brings will benefit Metro by providing expedited approvals to avoid costly rework and delays. In addition, the project manager has completed more than 30 projects for Metro, Caltrans and the City of Los Angeles. These projects include the SR-710 North Study Alternatives Analysis and PA/ED and the Sixth Street Viaduct Replacement Project for the City of Los Angeles.

Key personnel average over 20 years of experience. Project experience include SR-710 North Study Alternatives Analysis PA/ED, I-605/Beverly Boulevard Improvements PA/ED and PS&E, I-405 Sepulveda Pass Widening Design-Build, I-105 ExpressLanes PA/ED, and I-10/Jackson Street PA/ED for Riverside County Transportation Department.

DEOD SUMMARY

PROJECT APPROVAL AND ENVIRONMENTAL DOCUMENT FOR SR-91/ACACIA COURT TO CENTRAL AVENUE IMPROVEMENT PROJECT/AE57645000

A. Small Business Participation

The Diversity and Economic Opportunity Department (DEOD) established a 21% Small Business Enterprise (SBE) goal a 3% Disabled Veteran Business Enterprise (DVBE) goal for this solicitation. HNTB Corporation exceeded the goals with a 21.83% SBE commitment and a 3.21% DVBE commitment.

Small Business Goal	21% SBE 3% DVBE	**Small Business Commitment**	**21.83% SBE 3.21% DVBE**

	SBE Subcontractors	**% Committed**
1.	FPL and Associates, Inc.	3.16%
2.	Geo-Advantec, Inc.	4.11%
3.	Galvin Preservation Associates Inc. dba GPA Consulting	7.66%
4.	Paleo Solutions, Inc.	0.37%
5.	Tatsumi and Partners, Inc.	0.85%
6.	Value Management Strategies, Inc.	0.70%
7.	Wagner Engineering & Survey, Inc.	4.98%
	Total SBE Commitment	**21.83%**

	DVBE Subcontractors	**% Committed**
1.	Calvada Surveying, Inc.	2.60%
2.	FMF Pandion	0.61%
	Total DVBE Commitment	**3.21%**

B. Living Wage and Service Contract Worker Retention Policy Applicability

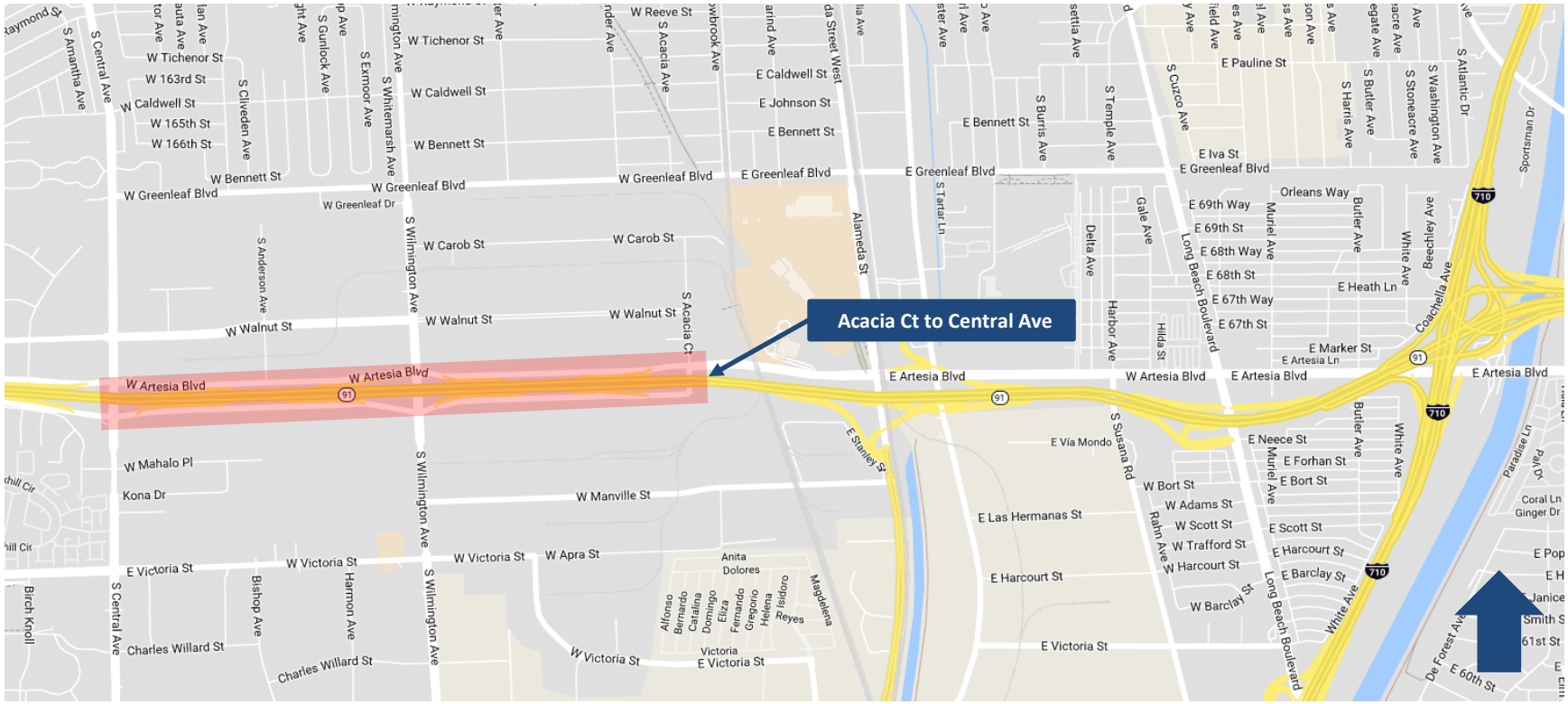
The Living Wage and Service Contract Worker Retention Policy is not applicable to this contract

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.

ATTACHMENT C - PROJECT LOCATION MAP