

PROCUREMENT SUMMARY

SOUTHBOUND I-605/BEVERLY BLVD. INTERCHANGE IMPROVEMENTS
ENGINEERING SERVICES/AE39064000

1.	Contract Number: AE39064000	
2.	Recommended Vendor: Civil Works Engineers, Inc.	
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: February 27, 2017	
	B. Advertised/Publicized: February 23, 2017	
	C. Pre-Proposal Conference: March 14, 2017	
	D. Proposals Due: April 6, 2017	
	E. Pre-Qualification Completed: June 12, 2017	
	F. Conflict of Interest Form Submitted to Ethics: May 23, 2017	
	G. Protest Period End Date: July 24, 2017	
5.	Solicitations Picked up/Downloaded: 106	Proposals Received: 9
6.	Contract Administrator: Adrian Ziemer	Telephone Number: (213) 922-1109
7.	Project Manager: Lucy Olmos	Telephone Number: (213) 922-7099

A. Procurement Background

This Board Action is to approve Contract No. AE39064000, issued to Civil Works Engineers, Inc. (CWE), in support of the project report (PR) and plans, specifications and estimates (PS&E) for the interchange at Beverly Blvd. on the Southbound I-605 freeway. The intent of this project is to reduce congestion and improve freeway operations (both mainline and ramps), improve safety, improve local and system interchange operations by eliminating the short weaving distance between the SB I-605 ramps, and reduce conflict points between vehicles, pedestrians and bicycles. 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 and the contract type is a firm fixed price. The RFP was issued as a Small Business Enterprise (SBE) set-aside and was open to Metro SBE certified small businesses only.

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

- Amendment No. 1, issued on March 7, 2017, provided the location of the Appendices located on <ftp://ftp.metro.net/procurement> and login information.
- Amendment No. 2, issued on March 8, 2017, changed the pre-proposal conference from March 10, 2017 to March 14, 2017.
- Amendment No. 3, issued on March 10, 2017, changed the proposal due date from March 31, 2017 to April 6, 2017.

- Amendment No. 4, issued on March 17, 2017, updated SP-17 Payment of Prevailing and Living wages/Reporting, SP-05 Standard Coverage, and section 1.1 General Format.
- Amendment No. 5, issued on March 22, 2017, updated Tasks 2.21, 2.24, and 2.25 under Section II in the Statement of Work.
- Amendment No. 6, issued March 24, 2017, updated Task 2.21, 2.24, and 2.25 under Section II and added Section V: Future Bid Support as an Optional Task to the Statement of Work. It also updated Article IV Compensation and Payment, to include Retention Policy.
- Amendment No. 7, issued March 31, 2017, updated tasks 1.1, 1.2, and 1.3 under Section V, in the Statement of Work.

A total of nine proposals were received on April 6, 2017. A total of 106 firms downloaded the RFP and were included in the planholders' list.

A pre-proposal conference was held on March 14, 2017, and was attended by 34 participants representing 22 companies. There were 21 questions asked and responses were released prior to the proposal due date.

B. Evaluation of Proposals

A Proposal Evaluation Team (PET) consisting of staff from Metro Highway Program, Caltrans, and the City of Pico Rivera was convened and conducted a comprehensive technical evaluation of the proposals received.

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

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|--|------------|
| • Project Manager, Key Staff, Sub-Consultants Qualifications | 30 percent |
| • Firm/Team Qualifications | 20 percent |
| • Work Plan | 30 percent |
| • Project Understanding and Approach | 20 percent |

The evaluation criteria are appropriate and consistent with criteria developed for other similar, A&E procurements for the development of a Project Report and Plans, Specifications and Estimates. Several factors were considered when developing these weights, giving the greatest importance to the project manager, key staff, sub-consultants qualifications and work plan.

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

On April 27, 2017, the PET completed its independent evaluation of the proposals received. Of the nine proposals received, four were determined to be within the competitive range. The four firms within the competitive range are listed below in alphabetical order:

1. Advanced Civil Tech
2. Civil Works Engineers
3. NCM Engineering
4. PacRim Engineering

Five firms were determined to be outside the competitive range and were not included for further consideration.

On May 8, 2017, the PET interviewed the four 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 experience, addressed the requirements of the RFP, different project delivery solutions, and the ability to meet the 24-month schedule working with outside agencies.

In addition, the project manager and key personnel from each firm responded to the PET's inquiries regarding the firm's approach and ability to quality control, project challenges, and ability to coordinate between different public agencies and stakeholders.

Qualifications Summary of Recommended Firm:

Civil Works Engineering, Inc.

Civil Works Engineers, Inc. (CWE) is a Metro certified SBE that provides professional civil engineering consulting services that engages in a diverse array of planning, design, and project management services for public and private clients. CWE's areas of expertise and specialization in planning and design are in transportation engineering, drainage engineering, and civil site improvements.

CWE completed projects that involved planning and environmental services, preliminary and final design services, and construction management. CWE also has experience in projects involving concept reports, feasibility studies, corridor studies, and project study reports. Examples include: the SR-210 Pepper Avenue new Interchange PA/ED & PS&E, SR 60/I-605 PSR-PDS, I-710 Corridor Project PA/ED and I-710/Firestone Blvd Interchange Reconstruction PSR, PR and PS&E.

The proposal showed a strong and realistic completion schedule and demonstrated a thorough understanding of potential risks and solutions with this type of project. Additionally, the oral presentation elaborated upon CWE's stakeholder coordination strategy, which was developed to ensure productive coordination with all stakeholders (Metro, Caltrans, and City of Pico Rivera) in order to proactively resolve challenges in meeting project delivery schedule.

The oral presentation stressed the importance of identifying risks early on, meeting schedule deadlines, calling out challenges and solutions, and understanding stakeholder objectives. It was evident during the presentation they had a cohesive and synergetic team that had worked together in the past. In addition, the proposal

demonstrated CWE’s local stakeholder experience, which includes Metro, Caltrans District 7, and the regional transportation agency San Bernardino County Transportation Authority, and Los Angeles county cities.

The proposal and oral presentation demonstrated that CWE’s key personnel have direct experience across a breadth of disciplines, at all stages of design, and a range of project delivery methods. The project manager has 36 years of experience and the deputy PM has 38 years of experience. Other key personnel range from 20 to 45 years of experience.

Following is a summary of the PET evaluation scores:

1	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
2	Civil Works Engineers (CWE)				
3	Project Manager, Key Staff and Sub-Consultants Qualifications	81.88	30.00%	24.56	
4	Firm/Team Qualifications	82.85	20.00%	16.57	
5	Work Plan	84.07	30.00%	25.22	
6	Project Understanding and Approach	87.50	20.00%	17.50	
7	Total		100.00%	83.85	1
8	NCM				
9	Project Manager, Key Staff and Sub-Consultants Qualifications	78.44	30.00%	23.53	
10	Firm/Team Qualifications	78.21	20.00%	15.64	
11	Work Plan	80.31	30.00%	24.09	
12	Project Understanding and Approach	86.00	20.00%	17.20	
13	Total		100.00%	80.46	2
14	PacRim				
15	Project Manager, Key Staff and Sub-Consultants Qualifications	76.88	30.00%	23.06	
16	Firm/Team Qualifications	81.96	20.00%	16.39	
17	Work Plan	76.88	30.00%	23.06	
18	Project Understanding and Approach	81.50	20.00%	16.30	
19	Total		100.00%	78.81	3
20	Advanced Civil Tech				
21	Project Manager, Key Staff and Sub-Consultants Qualifications	77.19	30.00%	23.16	
22	Firm/Team Qualifications	76.79	20.00%	15.36	

23	Work Plan	77.50	30.00%	23.25	
24	Project Understanding and Approach	70.00	20.00%	14.00	
25	Total		100.00%	75.77	4

C. Cost Analysis

The recommended price has been determined to be fair and reasonable based upon MASD audit findings, an independent cost estimate (ICE), cost analysis, technical analysis, fact finding, and final negotiations.

Proposer Name	Proposal Amount	Metro ICE	Negotiated amount
Civil Works Engineers	\$3,411,664.00	\$2,980,150.00	\$2,973,023.98

D. Background on Recommended Contractor

The recommended firm, Civil Works Engineers, Inc. (CWE), located in Costa Mesa, California has been in business over 40 years and has extensive experience in design, planning, and construction of simple to unique and challenging projects. CWE has provided impressive services to a variety of clients maintaining long-term and repeat working relationships. CWE is a certified Small, Disadvantaged and Woman owned Business Enterprise (SBE/DBE/WBE) firm.

The proposed team is composed of six sub-contractors. These include HNTB, Cambridge Systematics, Leighton Consulting, Guida Surveying, Tatsumi & Partners, and The Robert Group. The PM's expertise includes PA/ED, PS&E, construction phase administration and engineering support for lane additions, reconfiguration of freeway interchanges and intersection improvements at ramps and highway, and has successfully managed and delivered several interchange improvements. Some of those projects include, I-605 Valley Blvd Interchange, I-710 Firestone Interchange and I-710 /I-5 Northeast Quadrant Two connectors.

Key personnel average over 30 years of diverse highway and transportation project experience. Project experience includes: I-405 Sepulveda Pass Widening design-Build, I-605/I-5/SR-60 Interchange Improvement Project PA/ED, I-605 Westbound SR-91 Interchange Project PA/ED, and SR-118/First and Erringer Streets.

CWE possesses a significant amount of local stakeholder experience, demonstrating working closely with Metro, Caltrans, and local cities. With their extensive experience and knowledge, CWE possesses the ability to complete and deliver on schedule the requirements of the Statement of Work.