

PROCUREMENT SUMMARY

**PLANS, SPECIFICATIONS & ESTIMATE (PS&E)
FOR I-5 NORTH MANAGED LANES/AE469080015383**

1.	Contract Number: AE469080015383	
2.	Recommended Vendor: CH2M Hill, 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: July 17, 2015	
	B. Advertised/Publicized: July 17, 2015	
	C. Pre-proposal/Pre-Bid Conference: July 29, 2015	
	D. Proposals/Bids Due: August 24, 2015	
	E. Pre-Qualification Completed: March 30, 2016	
	F. Conflict of Interest Form Submitted to Ethics: February 5, 2016	
	G. Protest Period End Date: April 26, 2016	
5.	Solicitations Picked up/Downloaded: 91	Bids/Proposals Received: 3
6.	Contract Administrator: Erika Estrada	Telephone Number: (213) 922-1102
7.	Project Manager: Abdollah Ansari	Telephone Number: (213) 922-4781

A. Procurement Background

This Board Action is to approve Contract No. AE469080015383 for Architectural and Engineering (A&E) services to provide the Plans, Specifications & Estimate (PS&E) design of new High Occupancy Vehicle (HOV) lanes along Interstate 5 (I-5) in each direction from State Route 14 to Parker Road.

This is an A&E qualifications based Request for Proposal (RFP) issued in accordance with Metro's Acquisition Policy and Procedure Manual and the contract type is firm fixed price. This solicitation includes an SBE/DVBE goal of 23%, inclusive of a 20% SBE goal and a 3% DVBE goal.

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

- Amendment No. 1, issued on August 4, 2015, provided the pre-proposal conference sign-in sheets, PowerPoint presentation, agenda and prevailing wage flyer, provided the SBE database link and SBE/ DVBE certification unit contact information, and updated SBE/DVBE lists and the planholders' list;
- Amendment No. 2, issued on August 10, 2015, provided responses to proposers questions, clarified number of years of experience required on Pro Form 55: List of Completed Projects, and extended the due date to August 24, 2015;

- Amendment No. 3, issued on August 11, 2015, updated GC-37-A indemnification provisions to include design and non-design professional provisions.

A pre-proposal conference was held on July 29, 2015, attended by 44 participants representing 42 companies. There were 16 questions asked and responses were released prior to the proposal due date.

A total of 91 firms downloaded the RFP and were included in the planholders' list. A total of three proposals were received on August 24, 2015.

B. Evaluation of Proposals/Bids

A Proposal Evaluation Team (PET) consisting of staff from Metro's Highway Program, California Department of Transportation's District 7, and the City of Santa Clarita's Department of Public Works 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 Understanding and Approach | 30% |
| • Team Qualifications | 25% |
| • Project Manager and Key Staff Qualifications | 25% |
| • Work Plan | 20% |

The evaluation criteria are appropriate and consistent with criteria developed for other, similar PS&E design procurements. Several factors were considered when developing these weights, giving the greatest importance to the project understanding and approach.

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

During September 16, 2015 through November 4, 2015, the PET completed its independent evaluation of the three proposals received. All three proposals were determined to be within the competitive range and are listed below in alphabetical order:

1. AECOM Technical Services, Inc.
2. CH2M Hill, Inc.
3. HNTB Corporation

During the interviews in November 2015, the firms' project managers and key team members had an opportunity to present each team's qualifications and respond to the PET's questions. In general, each team's presentation examined issues and, discussed how challenges will be resolved, identified potential community issues, addressed schedule reductions, and described their management plan to ensure efficiency, consistency, and accuracy and avoid delays and errors.

The final scoring, after interviews, determined CH2M Hill, Inc. to be the highest technically qualified firm. After receipt of technical analysis and audit findings, negotiations were completed in March 2016.

Qualifications Summary of Recommended Firm:

CH2M Hill, Inc. (CH2M) has the most significant experience within the project corridor, with Caltrans District 7, and the required stakeholders which is critical for successful project delivery. The proposed teams extensive experience includes the I-5 HOV and Truck Lane project from DR 14 to Parker Road, Caltrans District 7 subcontractor, I-5 Rye Canyon Interchange PS&E, I-5/SR126 Interchange PS&E, I-5 Best Management Practices, SR126/Commerce Center Drive Interchange Project Report & Environmental Document, I-5 Magic Mountain Parkway Interchange improvement bridge replacement and ramp reconfiguration, and I-5 Valencia Boulevard Interchange Reconstruction and Street Widening Project Report and PS&E bridge replacements and interchange improvements.

The proposal demonstrated the most thorough understanding of the project. The work plan discussed an Early Success Action Plan which identified initiation of critical tasks such as data collection, surveying, mapping and geotechnical work within the first quarter, and also included a detailed work breakdown structure to serve as a basis of cost and schedule control while enhancing communication and managing risk. CH2M's proposal and interview addressed deficiencies in the Project report and provided solutions without a negative impact (i.e. not demolishing one of the bridges along the corridor which could potentially have a significant savings). The proposed team clearly identified project risks related to Right-of-Way utilities, fact sheet approvals, construction impacts of prolonged projects in the corridor and the impacts it will have in the local community.

Overall, CH2M Hill, Inc.'s proposal strongly demonstrated project understanding, and presented a complete, technically qualified team that would be able to successfully deliver the PS&E.

A summary of the PET scores is provided as follows:

1	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
2	CH2M Hill, Inc.				
3	Project Understanding and Approach	94.89	30.00%	28.47	
4	Team Qualifications	93.73	25.00%	23.43	
5	Project Manager and Key Staff Qualifications	93.07	25.00%	23.27	
6	Work Plan	94.00	20.00%	18.80	
7	Total		100.00%	93.97	1
8	AECOM Technical Services, Inc.				
9	Project Understanding and Approach	93.89	30.00%	28.17	
10	Team Qualifications	90.00	25.00%	22.50	
11	Project Manager and Key Staff Qualifications	90.00	25.00%	22.50	
12	Work Plan	90.00	20.00%	18.00	
13	Total		100.00%	91.17	2
14	HNTB Corporation				
15	Project Understanding and Approach	84.67	30.00%	25.40	
16	Team Qualifications	86.13	25.00%	21.53	
17	Project Manager and Key Staff Qualifications	85.47	25.00%	21.37	
18	Work Plan	89.50	20.00%	17.90	
19	Total		100.00%	86.20	3

C. Cost Analysis

The recommended price of \$30,975,446 has been determined to be fair and reasonable based upon Metro's Management and Audit Services (MAS) audit findings, an independent cost estimate, cost analysis, technical analysis, fact finding, and negotiations. Metro staff successfully negotiated a cost savings of \$3,342,402.

Proposer Name	Proposal Amount	Metro ICE	Negotiated
CH2M Hill, Inc.	\$34,317,848	\$30,410,484	\$30,975,446

D. Background on Recommended Contractor

The recommended firm, CH2M Hill, Inc. located in Englewood, Colorado, has been in business for 70 years and providing services in the fields of Program Management, Project Management, Design and Design-Build projects. CH2M Hill, Inc. has completed hundreds of transportation projects – from major investment studies, to planning efforts, to large-scale multi-modal corridor programs. CH2M Hill, Inc. offers a broad range of traffic data collection and traffic analysis capabilities with experience in developing and evaluating complex simulation models pertaining to transit systems, highway tunnels, freeway and arterial roadway networks, freight operations, interchanges, and tolling and queue priority systems. The firm has been working in the Los Angeles area for 30 years, with a local office in downtown Los Angeles.

The proposed team is comprised of staff from CH2M Hill, Inc. and 19 subcontractors (twelve SBE, four DVBE, and three non-SBE firms). The proposed project manager has 35 years of experience providing highway design, lead roadway design, quality management, and project management of more than 20 PS&E projects that have met Caltrans requirements for highway projects in California. The project manager has extensive knowledge and experience working with the project stakeholders identified in the statement of work.