

**Metro**

Los Angeles County
Metropolitan Transportation Authority

One Gateway Plaza
Los Angeles, CA 90012-2952

213.922.2000 Tel
metro.net

**CONSTRUCTION COMMITTEE
OCTOBER 16, 2014**

**SUBJECT: I-710 CORRIDOR PROJECT: EARLY ACTION PROJECT:
SOUNDWALLS PACKAGE 3: SOUTH OF STATE ROUTE 91**

ACTION: AWARD CONTRACT

RECOMMENDATIONS

- A. Authorize the Chief Executive Officer (CEO) to award an 18-month, cost-plus-fixed-fee Contract No. PS4720-3330 to CH2M HILL, Inc. for Plans, Specifications and Estimates for the I-710 Early Action Soundwalls Package No. 3 in an amount not-to-exceed of \$3,347,275; and,
- B. Authorize the CEO to execute individual contract modifications as required, for an amount not- to- exceed \$502,091 (15% of the total contract amount) to cover the cost of any unforeseen issues that may arise during the performance of the contract.
- C. Authorize the CEO to amend the FY15 budget to add one (1) Full Time Equivalent (FTE) / Project Manager, Engineering and Construction, to Highway Capital (Cost Center 4720) to manage the design phase of the I-710 Early Action Soundwalls.

ISSUE

Metro, in collaboration with Caltrans and the Gateway Cities Council of Governments (GCCOG), is leading the development of I-710 South Early Action Projects. These projects are consistent with the I-710 South Corridor project alternatives but have independent utility and are being advanced separately for earlier delivery. This contract award will enable Metro to complete the plans, specifications and estimates (PS&E) for Package 3 of the I-710 Early Action Soundwalls.

DISCUSSION

Background

In 2011, Metro tasked the I-710 Technical Advisory Committee (TAC) with identifying and prioritizing potential “Early Action” projects along I-710 that could be advanced utilizing Measure R I-710 South and/or Early Action Project funds.

To qualify as “Early Action” projects, the I-710 TAC has determined that any proposed improvement must: 1) be consistent with the existing freeway and the proposed future I-710 Corridor improvements including all possible project alternatives under consideration in the environmental process; 2) demonstrate independent utility and; 3) require no additional permanent right-of-way to construct and, therefore, require minimal environmental clearance.

Potential “Early Action” projects may include soundwalls, local freeway interchanges, and arterial improvements. Recognizing that soundwall projects meet these three criteria and can be implemented faster than other projects, the I-710 TAC recommended that soundwall projects be prioritized for implementation and that Metro begin advancing such projects utilizing Measure R funds, a decision that was supported by the I-710 Project Committee. Currently, there are various locations adjacent to I-710 that do not have soundwalls to provide noise attenuation.

As part of the I-710 Corridor Project EIR/EIS, preliminary engineering plans have been prepared for two build alternatives that are being evaluated in the environmental document. Those plans include preliminary locations where soundwalls will be needed as determined by Caltrans’ noise studies.

On October 2011, Metro initiated a Feasibility Study to determine which soundwalls along I-710 could be potentially constructed early and in a way that is consistent with both the existing freeway and the ultimate freeway improvements. The feasibility study identified 5 miles of new soundwalls meeting these criteria, plus an additional 7 miles of existing walls that can be aesthetically treated to match the new walls. Metro is currently finalizing the preliminary engineering and environmental clearance for these Early Action soundwalls. The cost to construct these soundwalls is estimated at \$50 million.

Final Design Phase

In July 2014, the I-710 TAC recommended programming of I-710 South/Early Action Project funds for the development of PS&E for the I-710 Early Action Soundwalls. Given the TAC’s recommendation and in anticipation of the completion of preliminary engineering and environmental clearance, Metro is now procuring professional services to complete PS&E for the I-710 Early Action Soundwalls. In order to facilitate better coordination with cities, the I-710 Early Action Soundwalls were divided into three segments or “design packages”. Attachment B depicts the location of the various soundwalls segments for the three design packages. The soundwalls in Package 1 are

proposed to be built in city-owned property (cities of Long Beach and South Gate). The soundwalls in Packages 2 and 3 are proposed to be constructed in Caltrans right-of-way. Metro will work with the cities, Caltrans and the GCCOG to ensure that the design of these soundwalls is completed with the benefit of their input and support.

Next Phase Considerations

Since most of the first decade Measure R I-710 South/Early Action Program funds have already been programmed, prior to finalizing the design of the Early Action Soundwalls, the I-710 TAC will need to consider the following options: 1) re-prioritize projects to provide funding for the Early Action Soundwalls in the first decade; 2) divide the project into segments and prioritize construction of walls as funds become available or additional funding sources are identified or; 3) request advancement of second decade I-710 South Early Action Measure R funds. The I-710 TAC has recommended proceeding with Final Design for these soundwalls in an effort to have the projects ready for funding.

Metro staff will also engage in discussions with the cities of Long Beach and South Gate and Caltrans to discuss construction, operations and maintenance responsibilities for the I-710 Early Action Soundwalls.

DETERMINATION OF SAFETY IMPACT

The I-710 Early Action Soundwalls PS&E Package 3 will have no impact on safety of Metro's patrons or employees.

FINANCIAL IMPACT

The funding for this project is included in the FY15 budget in cost center number 4720, Highway Capital, under project number 460316, task 04.02 I-710 South/Early Action Projects.

There is no sufficient staff available to complete this work effort. Board approval is required to add and hire one Project Manager, Engineering and Construction, who will be responsible for managing the three PS&E contracts for the I-710 Early Action soundwalls.

Since this is a multi-year project, the cost center manager and Executive Director, Engineering & Construction will be responsible for budgeting the cost in future years, including any option exercised.

Impact to Budget

The source of funds for this project will be from Measure R 20% Highway Funds. No other sources of funds were considered as these have been identified for this project. These funds are not eligible for bus and rail operating and capital expenditures.

ALTERNATIVES CONSIDERED

Two alternatives were considered:

1. Utilizing Metro staff to conduct the study. This alternative is not recommended because Metro does not have the staffing availability or the specific expertise to conduct a study of this magnitude.
2. Not authorizing the CEO to negotiate, award and execute the consultant contracts. Staff is not recommending this alternative because the Project is included in the 2009 Long Range Transportation Plan and reflects a broad-based consensus of local jurisdictions. Approval to proceed with PS&E for Package No. 3 of the I-710 Early Action Soundwalls is consistent with the goals of Measure R and GCCOG.

NEXT STEPS

Upon Board approval, staff will issue the Notice-to-Proceed. Staff will coordinate with the Human Resources Department to recruit and hire one FTE.

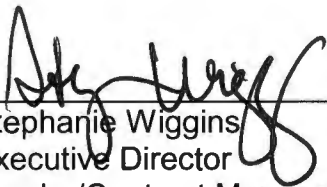
ATTACHMENTS

- A. Procurement Summary
- B. I-710 Early Action Soundwall Program Map

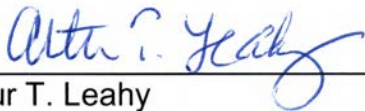
Prepared by: Lucy Olmos, Transportation Planning Manager, (213) 922-7099
Ernesto Chaves, Transportation Planning Manager (213) 922-7343



Bryan Pennington
Executive Director
Engineering & Construction



Stephanie Wiggins
Executive Director
Vendor/Contract Management



Arthur T. Leahy
Chief Executive Officer

PROCUREMENT SUMMARY

**I-710 CORRIDOR PROJECT: EARLY ACTION PROJECT
SOUNDWALLS PACKAGE 3: SOUTH OF STATE ROUTE 91**

1.	Contract Number: PS4720-3330	
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: April 30, 2014	
	B. Advertised/Publicized: April 30, 2014 and May 2, 2014	
	C. Pre-proposal/Pre-Bid Conference: May 13, 2014	
	D. Proposals/Bids Due: May 30, 2014	
	E. Pre-Qualification Completed: July 23, 2014	
	F. Conflict of Interest Form Submitted to Ethics: August 14, 2014	
	G. Protest Period End Date: October 20, 2014	
5.	Solicitations Picked up/Downloaded: 78	Bids/Proposals Received: 3
6.	Contract Administrator: Gary Katzman	Telephone Number: 213-922-4607
7.	Project Manager: Ernesto Chavez	Telephone Number: 213-922-7343

A. Procurement Background

This Board Action is to approve contract no. PS4720-3330 to perform professional engineering services to design the early action sound walls south of the SR-91 conforming to Caltrans standards and procedures. The statement of work includes developing approved plans, specifications and estimates that can be advanced to the right of way and construction phases.

The RFP was issued in accordance with Metro's Acquisition Policy and Procedure. The contract type is a Cost-Plus-Fixed-Fee.

Three (3) amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on May 2, 2014, directed Planholders to Metro's FTP site to download additional documents;
- Amendment No. 2, issued on May 16, 2014, added SP-24, Prevailing Wage Clause, provided the list of Pre-Proposal Attendees, provided a summary of questions and answers, and directed Planholders to Metro's FTP site to download additional documents.

- Amendment No. 3, issued on May 21, 2014, responded to proposers questions, and directed Planholders to Metro's FTP site to download additional documents.

A total of three (3) proposals were received on May 30, 2014.

B. Evaluation of Proposals/Bids

A total of three (3) proposers responded to this solicitation. A Proposal Evaluation Team (PET) consisting of staff from Metro Highway Planning and City of Long Beach Civil engineering was convened and they conducted a comprehensive technical evaluation of the proposals received, as stated in the RFP.

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

- | | |
|---|-----|
| • Work Plan | 40% |
| • Experience of Team Members | 30% |
| • General Approach & Completeness of Response | 15% |
| • Firm Qualifications | 15% |

The evaluation criteria are appropriate and consistent with criteria developed for other, similar Professional Services procurements. Several factors were considered when developing these weights, giving the greatest importance to the Work Plan.

This is an Architect and Engineers, qualifications based procurement. Price cannot be used as an evaluation factor pursuant to state and federal law.

Of the three (3) proposals received, all were determined to be responsive to the RFP requirements. The firms submitting proposals are:

1. Athayle Consulting Engineering Services, Inc.
2. CH2M HILL, Inc.
3. Parsons Transportation Group, Inc.

On June 3, 2014, the evaluation committee met and each team member independently reviewed the firms written proposals. In general, each team's written Technical Proposal, which also included staffing plans and work plans, addressed the requirements of the RFP, demonstrated experience with all aspects of the required tasks, and stressed each firm's commitment to the success of the project.

Based on a thorough evaluation of the proposals submitted, the Proposal Evaluation Team determined that the highest rated firm was CH2M Hill, Inc.

Qualifications of the Recommended Firm

CH2M Hill, Inc., 1000 Wilshire Blvd., Suite 2100, Los Angeles, CA 90017

This contractor has displayed a superior understanding of the Statement of Work to the evaluation team as displayed in the following table:

1	FIRM	Factor Weight %	Weighted Average Score
2	CH2M HILL, Inc.		
3	Work Plan	40	37.33
4	Experience of Team Members	30	26.33
5	General Approach & Completeness of Response	15	14.33
6	Firm Qualifications	15	14.66
7	Total	100	92.65

C. Cost/Price Analysis

On August 21, 2014 an evaluation of the CH2M Hill, Inc. proposal was performed by the Metro Project Manager resulting in the need to gain a better understanding of the proposed labor categories, labor hours, ODC, and Travel.

A Rates and Factors analysis is currently being performed by Metro MASD to determine the adequacy and acceptability of the CH2M Hill's proposed costs.

The final negotiated amount will comply with all requirements of Metro's Acquisition Policy and Procedure, MASD audit findings, technical evaluation, fact finding, clarifications, negotiations, and a cost analysis will be utilized to determine a fair and reasonable cost before the contract is executed.

Bidder/Proposer Name	Proposal Amount	Metro Independent Cost Estimate	Negotiated Amount or NTE
CH2M Hill, Inc.	\$3,347,275	\$3,178,760	TBD

D. Background on Recommended Contractor

The recommended firm, CH2M Hill Inc. has extensive experience in all phases of the highway planning and the project development process. The firm has planned, designed, and constructed numerous highway projects including some of the most complex, high-priority transportation projects in Southern California for Metro, Caltrans, City of Los Angeles, Orange County Transportation Authority, local

counties and municipalities. The PET determined that CH2M Hill presented strong credentials across the tasks requested in the RFP.

The proposed CH2M Hill team has a readily accessible pool of personnel resources trained in a variety of disciplines that have full life-cycle transportation experience and expertise. In addition, the proposed Project Manager has 33 years of experience in designing and managing highway projects, including interchange improvements, highway realignment, rehabilitation, grade separation, and widening projects from preliminary engineering to final design and support during construction. CH2M Hill's strengths were in their proposed management plan, strong key personnel, project delivery techniques, and clear understanding of the scope of work. CH2M Hill has worked with Metro and has performed satisfactorily.

E. Small Business Participation

The Diversity and Economic Opportunity Department (DEOD) established a 30% Small Business Enterprise (SBE) goal for this solicitation. CH2M Hill, Inc. exceeded the goal by making a 35.43% SBE commitment.

SMALL BUSINESS GOAL	30.00% SBE	SMALL BUSINESS COMMITMENT	35.43% SBE
----------------------------	-------------------	----------------------------------	-------------------

	SBE Subcontractors	% Committed
1.	AP Engineering & Testing, Inc.	1.42%
2.	Barrio Planners, Inc.	3.64%
3.	Diaz Yourman & Associates	5.63%
4.	Epic Land Solutions, Inc.	1.04%
5.	Jet Drilling, Inc.	2.22%
6.	PacRim Engineering, Inc.	6.81%
7.	Tatsumi and Partners, Inc.	6.05%
8.	Wagner Engineering & Survey	8.61%
	Total Commitment	35.43%

F. All Subcontractors Included with Recommended Contractor's Proposal

	Subcontractor	Services Provided
1.	AP Engineering and Testing	Laboratory Testing Services
2.	Barrio Planners	Project Management and Landscape Design-Planting Plan
3.	Diaz Yourman	Environmental Services – Phase II Hazardous Materials Study
4.	Epic Land	Right of Way Services

5	Jet Drilling	Soil borings
6	PACRIM	Soundwall Design for Segment 3 along I-405
7	Tatsumi and Partners	Landscape Architecture services
8	Wagner Engineering and Survey	Survey, Mapping and Right of Way services

I-710 Early Action Soundwall Program

