



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

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**CONSTRUCTION COMMITTEE  
OCTOBER 16, 2014**

**SUBJECT: I-710 CORRIDOR PROJECT: EARLY ACTION PROJECT  
SOUNDWALLS; PACKAGE 1: NON-FREEWAY LOCATIONS**

**ACTION: AWARD CONTRACT**

**RECOMMENDATIONS**

- A. Authorize the Chief Executive Officer (CEO) to award an 18-month, cost-plus-fixed-fee Contract No. PS4720-3329 to Transystems Corporation for Plans, Specifications and Estimates for the I-710 Early Action Soundwalls Package No.1 in an amount not-to-exceed of \$2,472,075; and,
- B. Authorize the CEO to execute individual contract modifications as required, for an amount not-to- exceed \$370,811 (15% of the total contract amount) to cover the cost of any unforeseen issues that may arise during the performance of the contract.

**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 1 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 soundwall 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 1 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.

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 1 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.

## **ATTACHMENTS**

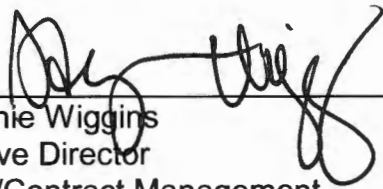
- A. Procurement Summary
- B. I-710 Early Action Soundwall Program

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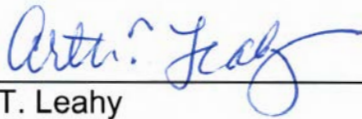
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Bryan Pennington  
Executive Director  
Engineering & Construction



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Stephanie Wiggins  
Executive Director  
Vendor/Contract Management



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Arthur T. Leahy  
Chief Executive Officer

## PROCUREMENT SUMMARY

I-710 CORRIDOR PROJECT: EARLY ACTION PROJECT SOUNDWALLS  
PACKAGE 1: NON-FREEWAY LOCATIONS

1.	<b>Contract Number:</b> PS4720-3329	
2.	<b>Recommended Vendor:</b> TranSystems Corporation	
3.	<b>Type of Procurement (check one):</b> <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.	<b>Procurement Dates:</b>	
	<b>A. Issued:</b> April 28, 2014	
	<b>B. Advertised/Publicized:</b> April 28, 2014 and April 30, 2014	
	<b>C. Pre-proposal/Pre-Bid Conference:</b> May 13, 2014	
	<b>D. Proposals/Bids Due:</b> May 28, 2014	
	<b>E. Pre-Qualification Completed:</b> August 21, 2014	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> August 14, 2014	
	<b>G. Protest Period End Date:</b> October 20, 2014	
5.	<b>Solicitations Picked up/Downloaded:</b> 91	<b>Bids/Proposals Received:</b> 2
6.	<b>Contract Administrator:</b> Gary Katzman	<b>Telephone Number:</b> 213-922-4607
7.	<b>Project Manager:</b> Ernesto Chavez	<b>Telephone Number:</b> 213-922-7343

**A. Procurement Background**

This Board Action is to approve contract no. PS4720-3329 to perform professional engineering services necessary to complete the design of the early action sound walls for Non-Freeway locations. The statement of work includes developing approved plans, specifications and estimates that can be advanced to the right of way and construction phases. Soundwalls Package 1 is focused on walls outside of Caltrans right-of-way.

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

Two (2) amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on May 1, 2014, clarified General Provision 37-A, and directed Planholders to Metro's FTP site for download of additional documents;
- Amendment No. 2, issued on May 16, 2014, clarified Prevailing Wage Clause, provided the List of Pre-Proposal Attendees, and summary of questions and answers.

A total of two (2) proposals were received on May 28, 2014.

## **B. Evaluation of Proposals/Bids**

A total of two (2) proposers responded to this solicitation. A Proposal Evaluation Team (PET) consisting of staff from Metro Highway Planning; City of South Gate, Engineering, and City of Long Beach, Capital Projects Coordination was convened and 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 two (2) proposals received, both were determined to be responsive to the RFP requirements. The firms submitting proposals are:

1. PacRim Engineering
2. TranSystems Corporation

During the week of June 2, 2014, the evaluation committee met and subsequently each team member independently reviewed the firms written proposals. In general, each team's written technical proposal 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 TranSystems Corporation.

**Qualifications Summary of the Recommended Firm:**

TranSystems Corporation, 6 Hutton Centre Drive, Suite 1250, Santa Ana, CA 92707.

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

<b>1</b>	<b>FIRM</b>	<b>Factor Weight %</b>	<b>Weighted Average Score</b>
<b>2</b>	TranSystems Corporation		
<b>3</b>	Work Plan	40	34.00
<b>4</b>	Experience of Team Members	30	26.66
<b>5</b>	General Approach & Completeness of Response	15	14.00
<b>6</b>	Firm Qualifications	15	13.00
<b>7</b>	<b>Total</b>	<b>100</b>	<b>87.66</b>

**C. Cost/Price Analysis**

On July 29, 2014 an evaluation of the TranSystems 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 TranSystems' 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.

<b>Proposer Name</b>	<b>Proposal Amount</b>	<b>Metro Independent Cost Estimate</b>	<b>Negotiated Amount or NTE</b>
TranSystems Corporation	\$2,472,075.48	\$2,284,698	TBD

**D. Background on Recommended Contractor**

The recommended firm, TranSystems Corporation (TranSystems) was formed in 1995 and is located in Santa Ana, California. TranSystems is a professional services firm that provides transportation planning, design, and program



management services for public and private clients nationally. The firm has significant experience working with Caltrans Districts 7, 8 & 12; Metro; OCTA; SANBAG; RCTC; TCA; Counties of Los Angeles, Orange, Riverside, and San Bernardino; and multiple cities. They have extensive experience and familiarity with Caltrans design policies and procedures. TranSystems Corporation has worked with Metro and has performed satisfactorily.

**E. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) established a 26% Small Business Enterprise (SBE) goal for this solicitation. TranSystems Corporation exceeded the goal by making a 29.15% SBE commitment.

<b>SMALL BUSINESS GOAL</b>	<b>26.00% SBE</b>	<b>SMALL BUSINESS COMMITMENT</b>	<b>29.15% SBE</b>
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	<b>SBE Subcontractors</b>	<b>% Committed</b>
1.	ACT Consulting	22.55%
2.	Arellano Associates	3.23%
3.	Coast Surveying	1.58%
4.	Earth Mechanics	1.79%
	<b>Total Commitment</b>	<b>29.15%</b>

**F. All Subcontractors Included with Recommended Contractor's Proposal**

	<b>Subcontractor</b>	<b>Services Provided</b>
1.	ACT Consulting Engineers, Inc.	Plans, Specs, and Traffic Control.
2.	Arellano Associates	providing community outreach support
3.	Coast Surveying, Inc.	Surveying and Right of Way Plans/Coordination.
4.	Earth Mechanics, Inc.	Additional Geotechnical Borings and Studies.
5.	Gruen Associates	Aesthetics for the walls
6.	LSA Associates	Environmental Document
7.	Overland, Pacific & Cutler, Inc.	Right of Way Plans/Coordination

I-710 Early Action Soundwall Program

