

## PROCUREMENT SUMMARY

**SOUTHBOUND I-605 FROM SR-91 TO SOUTH STREET IMPROVEMENTS  
CONTRACT NO. AE38849000**

1.	<b>Contract Number:</b> AE38849000	
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> March 6, 2017	
	<b>B. Advertised/Publicized:</b> March 6, 2017	
	<b>C. Pre-Proposal Conference:</b> March 17, 2017	
	<b>D. Proposals Due:</b> April 6, 2017	
	<b>E. Pre-Qualification Completed:</b> June 9, 2017	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> April 27, 2017	
	<b>G. Protest Period End Date:</b> July 24, 2017	
5.	<b>Solicitations Picked up/Downloaded:</b> 114	<b>Proposals Received:</b> 5
6.	<b>Contract Administrator:</b> Roxane Marquez	<b>Telephone Number:</b> (213) 922-4147
7.	<b>Project Manager:</b> Kunle Ogunrinde	<b>Telephone Number:</b> (213) 922-8830

**A. Procurement Background**

This Board Action is to approve Contract No. AE38849000 issued to TranSystems Corporation (TranSystems) in support of developing the Project Report and Plans, Specifications and Estimates for proposed improvements to Interstate 605 (I-605), from State Route 91 (SR-91) to South Street to reduce congestion and improve freeway operations. 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 a firm fixed price. The RFP was issued with an SBE/DVBE goal of 25% (SBE 22% and DVBE 3%).

One amendment was issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on March 24, 2017, updated Statement of Work to include future support; revised Article IV Compensation and Payment to include retention; updated SP-05 Professional Liability Coverage to add railroad protective coverage; and incorporated SP-17 Payment of Prevailing and Living Wages/Reporting.

A pre-proposal conference was held on March 17, 2017, and was attended by 30 participants representing 22 companies. There were nine questions asked and responses were released prior to the proposal due date.

A total of 114 firms downloaded the RFP and were included in the planholders' list. A total of five proposals were received on April 6, 2017.

## **B. Evaluation of Proposals**

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

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

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

The evaluation criteria are appropriate and consistent with criteria developed for similar A&E procurements for the development of 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 19, 2017, the PET completed its independent evaluation of proposals. Of the five proposals received, three were determined to be within the competitive range. Two firms were outside the competitive range and were not included for further consideration. Those firms did not demonstrate significant direct experience as a prime contractor or in project management, and did not demonstrate stakeholder coordination experience in the work plan, or project understanding.

The three firms within the competitive range are listed below in alphabetical order:

1. HDR Engineering, Inc. (HDR)
2. Psomas
3. TranSystems

On April 26, 2017, the PET conducted interviews with the three 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 three firms elaborated on their experience, their innovative approach and cost-effective project delivery solutions, and discussed their plan and ability to meet the 18-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 address project challenges, negotiating between alternative solutions and statement of work requirements; reconciling between contract requirements and project requirements; and ability to coordinate between different public agencies and stakeholders.

### **Qualifications Summary of Recommended Firm:**

#### TranSystems

TranSystems is a national engineering firm that provides design, consulting, construction, and management services in transit markets for federal and state agencies and municipalities. TranSystems' proposal and oral presentation demonstrated expertise in a wide range of services in all phases of planning and design services across a wide range of disciplines, including highway construction design, effective project management and a skilled team of project personnel.

TranSystems completed projects that involved planning and environmental services, preliminary and final design services, and construction management. TranSystems also has experience in projects involving concept reports, feasibility studies, corridor studies, project study reports, technical studies, project approval/environmental document services, public outreach, bridge and wall structures services, traffic services, utilities and electrical services, and geotechnical services. Examples include: the I-710 Soundwall Early Action Project (PS&E), I-5 North Corridor PA/ED, I-5 Widening PS&E Segment 2, I-15 Corridor PA/ED, SR-91 PA/ED (SR-57 TO SR-55), and I-10 Tippecanoe Interchange Improvements.

The proposal and oral presentation provided a detailed management plan that included 30-Day Kick Start for an expedited schedule, project organization chart, quality management system, and project controls plan. The oral presentation also elaborated upon TranSystems' stakeholder coordination strategy, which was developed to ensure productive coordination with all stakeholders (Metro, Caltrans, GCCOG, and City of Cerritos) in order to proactively resolve challenges in meeting project delivery schedule. More significantly, TranSystems oral presentation identified a root cause problem to I-605/SR-91/South Street congestion, identifying multi-traffic patterns of congestion, safety issues and risks, demonstrating a comprehensive understanding of the project. Their insight into the source of problems and the creative solutions presented in addressing these concerns demonstrated TranSystems' expertise and capabilities to deliver the requirements to Metro's Statement of Work.

The proposal and oral presentation stressed the importance of project risks, while understanding stakeholder objectives, and utilizing TranSystems' relationships with agency contacts (particularly with Caltrans and district liaisons). In addition, the proposal demonstrated TranSystems' local stakeholder experience, which includes Metro, Caltrans District 7, regional transportation agencies (Orange County Transportation Authority and San Bernardino County Transportation Authority), Gateway Cities Council of Governments, and local community groups.

The proposal and oral presentation demonstrated that TranSystems' key personnel, averaging over 28 years of experience, have direct experience across a breadth of disciplines at all stages of design, and a range of project delivery methods. Significantly, the project manager, with 22 years of experience, possesses 80% availability.

The following is a summary of the PET evaluation scores:

1	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
2	<b>TranSystems</b>				
3	Project Manager, Key Staff and Sub-Consultants Qualifications	64.07	30.00%	19.22	
4	Firm/Team Qualifications	70.38	20.00%	14.08	
5	Work Plan	69.41	30.00%	20.82	
6	Project Understanding and Approach	71.50	20.00%	14.30	
7	<b>Total</b>		<b>100.00%</b>	<b>68.42</b>	<b>1</b>
8	<b>Psomas</b>				
9	Project Manager, Key Staff and Sub-Consultants Qualifications	66.89	30.00%	20.07	
10	Firm/Team Qualification	73.19	20.00%	14.64	
11	Work Plan	65.96	30.00%	19.79	
12	Project Understanding and Approach	49.93	20.00%	9.99	
13	<b>Total</b>		<b>100.00%</b>	<b>64.49</b>	<b>2</b>
14	<b>HDR Engineering, Inc.</b>				
15	Project Manager, Key Staff and Sub-Consultants Qualifications	60.03	30.00%	18.01	
16	Firm/Team Qualification	67.85	20.00%	13.57	
17	Work Plan	59.89	30.00%	17.97	
18	Project Understanding and Approach	63.00	20.00%	12.60	
19	<b>Total</b>		<b>100.00%</b>	<b>62.15</b>	<b>3</b>

### **C. Cost Analysis**

The recommended price has been determined to be fair and reasonable based upon MAS audit findings, an independent cost estimate (ICE), cost analysis, technical analysis, fact finding, and final negotiations. Staff realized a cost savings of \$1,233,151 as a result of negotiating level of effort, labor hours, and other cost factors.

<b>Proposer Name</b>	<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated amount</b>
TranSystems	\$5,685,448.61	\$5,219,485.00	\$4,452,297.58

### **D. Background on Recommended Contractor**

The recommended firm, TranSystems, located in Irvine, California, has been in business for 51 years and is a leader in the field of consulting, engineering and design. TranSystems is a mid-sized firm, with more than 34 offices throughout the U.S. and possesses experience in a diverse range of complex projects.

The proposed team is composed of ten subcontractors, including seven Metro-certified SBE firms and two DVBE firms. The proposed project manager has 22 years of experience in managing the planning, design and construction of highways, bridges and transportation related structures and has successfully managed and delivered PA/ED and PS&E projects for Caltrans, OCTA, SBCTA, and Metro. Some of those projects include, I-10 Tippecanoe Interchange Improvements and Laurel Street Grade Separation projects for SBCTA, while concurrently participating in the PS&E for OCTA's I-5 Segment 2 (Oso Parkway to Alicia Parkway) at 95% of budget.

Key personnel average over 28 years of diverse transportation project experience. Overall, personnel have well over 100 combined years of diverse transportation project experience. Project experience include the SB I-405 Auxiliary Lane, SR-133 to University Drive PA/ED, I-605/I-5 Interchange, Crenshaw/LAX Line LRT, I-605/SR-60 PSR & PA/ED, I-5 North Managed Lanes PS&E, and I-605/SR-60 Interchange.

TranSystems possesses a significant amount of local stakeholder experience and has worked closely with Metro, Caltrans, OCTA, Gateway Cities COG, and community groups. With their extensive experience and knowledge, TranSystems possesses the ability to complete and deliver the requirements of the Statement of Work on schedule.