

## PROCUREMENT SUMMARY

CORE CAPACITY ENHANCEMENTS AT DIVISION 20 PORTAL  
WIDENING AND TURNBACK FACILITY / AE66758000

1.	<b>Contract Number:</b> AE66758000	
2.	<b>Recommended Vendor:</b> T.Y. Lin International	
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> July 20, 2016	
	<b>B. Advertised/Publicized:</b> July 20, 2016	
	<b>C. Pre-proposal/Pre-Bid Conference:</b> August 9, 2016	
	<b>D. Proposals/Bids Due:</b> September 9, 2016	
	<b>E. Pre-Qualification Completed:</b> December 13, 2016	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> December 5, 2016	
	<b>G. Protest Period End Date:</b> 2/17/2017	
5.	<b>Solicitations Picked up/Downloaded:</b> 32	<b>Bids/Proposals Received:</b> 5
6.	<b>Contract Administrator:</b> Dianne Sirisut	<b>Telephone Number:</b> 213-922-2737
7.	<b>Project Manager:</b> June Susilo	<b>Telephone Number:</b> 213-922-5232

**A. Procurement Background**

This Board Action is to approve the award of Contract No. AE66758000, issued in support of the widening of the existing Division 20 portal structure and proposed turnback facility in preparation for the opening of the Westside Purple Line Extension Section 1. The scope of services will include four tasks: 1) Preliminary Engineering, 2) Final Design, 3) Bid Support Services, and 4) Design Services during Construction. Board approval of contract awards are subject to resolution of all properly submitted protests.

The RFP was issued in accordance with Metro's Acquisition Policy and the contract type is a cost plus fixed fee. Two amendments were issued during the solicitation phase of the RFP:

- Amendment No. 1, issued on August 22, 2016, extended the proposal due date to September 9, 2016, and revised the technical specifications.
- Amendment No. 2, issued on August 31, 2016, revised the technical specifications and submittal requirements.

On August 9, 2016, Metro held a pre-proposal conference in the Gateway conference room on the third floor of the Gateway Building. There were 50 representatives from 31 firms that signed in at the pre-proposal conference. There were 32 registered plan holders that obtained the RFP package. A total of five proposals were received on

September 9, 2016. The procurement was designated as a Race Conscious Diverse Business Enterprise (RC-DBE) solicitation with a 27% DBE participation goal.

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

A Proposal Evaluation Team (PET) consisting of staff members from Metro Program Management, Maintenance, and Engineering departments was convened and conducted a comprehensive technical evaluation of the proposals received.

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

- Experience and Capabilities of the Firms on the Consultant Project Team 20%
- Key Personnel's Skills and Experience 40%
- Project Management Plan 20%
- Understanding Design Approach 20%

The evaluation criteria were appropriate and consistent with criteria developed for other, similar Architect and Engineers (A&E) solicitations. Several factors were considered when developing these weights, giving the greatest importance to the key personnel skills and experience.

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

Metro received five proposals on October 3, 2016, from the following firms:

1. HDR Engineering, Inc. (HDR)
2. HNTB Corporation (HNTB)
3. Mott MacDonald, LLC (MM)
4. RailPros, Inc. (RP)
5. T.Y. Lin International (TYLI)

The PET invited the five proposers to oral presentations on August 29, 2016. Each of the firms' Principal-in-Charge, Project Manager, and five other key personnel had an opportunity to present each team's qualifications and respond to the evaluation committee's questions. Each team was asked questions relative to each firm's proposed alternatives and previous experience.

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

The evaluation performed by the PET, in accordance with evaluation criteria set forth in the RFP, determined T.Y. Lin International (TYLI) as the most qualified firm to provide the required services.

TYLI is an internationally recognized, multi-disciplined full-service infrastructure engineering firm providing innovative, cost-effective, and constructible designs for

over 60 years. TYLI has more than 2,800 employees throughout the Americas and Asia, with nine offices in California and over 200 California employees. TYLI has provided services in architecture, environmental, planning, surveying, design, mechanical and electrical engineering, construction management, construction engineering, and program management.

TYLI has been the lead structural engineer providing services to support the MUNI Metro Turnback project, provided project management oversight to California High-Speed Rail project, and was the prime consultant for the San Ysidro Freight Rail Yard Improvement project where TYLI managed the civil, track and electrical design. In addition, TYLI has been the prime designer on a design-build team where they provided engineering design services for Phase 1 of the Bay Area Rapid Transit extension.

The PET ranked the proposals and assessed strengths, weaknesses and associated risks of each of the Proposers to determine the most qualified firm.

	<b>Firm</b>	<b>Average Score</b>	<b>Factor Weight</b>	<b>Weighted Average Score</b>	<b>Rank</b>
1	<b>TYLI</b>				
2	Experience and Capabilities of the Firms on the Consultant Project Team	89.00	20%	17.80	
3	Key Personnel's Skills and Experience	87.67	40%	35.07	
4	Project Management Plan	91.00	20%	18.20	
5	Understanding Design Approach	93.67	20%	18.73	
6	<b>Total</b>		<b>100%</b>	<b>89.80</b>	<b>1</b>
7	<b>HNTB</b>				
8	Experience and Capabilities of the Firms on the Consultant Project Team	88.33	20%	17.67	
9	Key Personnel's Skills and Experience	86.33	40%	34.53	
10	Project Management Plan	85.00	20%	17.00	
11	Understanding Design Approach	83.00	20%	16.60	
12	<b>Total</b>		<b>100%</b>	<b>85.80</b>	<b>2</b>
13	<b>HDR</b>				
14	Experience and Capabilities of the Firms on the Consultant Project Team	85.00	20%	17.00	
15	Key Personnel's Skills and Experience	81.67	40%	32.67	
16	Project Management Plan	86.00	20%	17.20	
17		84.00	20%	16.80	

	Understanding Design Approach				
18	<b>Total</b>		<b>100%</b>	<b>83.67</b>	<b>3</b>
19	<b>RP</b>				
20	Experience and Capabilities of the Firms on the Consultant Project Team	81.67	20%	16.33	
21	Key Personnel's Skills and Experience	81.33	40%	32.53	
22	Project Management Plan	78.33	20%	15.67	
23	Understanding Design Approach	80.00	20%	16.00	
24	<b>Total</b>		<b>100%</b>	<b>80.53</b>	<b>4</b>
25	<b>MM</b>				
26	Experience and Capabilities of the Firms on the Consultant Project Team	80.67	20%	16.13	
27	Key Personnel's Skills and Experience	71.67	40%	28.67	
28	Project Management Plan	75.00	20%	15.00	
29	Understanding Design Approach	70.00	20%	14.00	
30	<b>Total</b>		<b>100%</b>	<b>73.80</b>	<b>5</b>

### **C. Cost/Price Analysis**

The cost analysis included the following: (1) a comparison with historical cost data of other firms offering similar services; (2) an analysis of prior audited and overhead rates, and factors for labor and other direct costs, and (3) compliance with Federal Acquisition Regulation (FAR) Part 31 guidelines. Metro has negotiated fixed rates for direct labor, provisional overhead rates, and a negotiated fixed fee for the Contract. The negotiated amount has been determined to be fair and reasonable.

An audit request has been submitted to the Metro Management Audit Services Department (MASD). In order to prevent any unnecessary delay in contract award, provisional overhead rates have been established subject to adjustment based on any audit findings. In accordance with FTA Circular 4220.1.f, if an audit has been performed by any other cognizant audit agency within the last twelve month period, Metro will receive and accept that audit report rather than perform another audit.

<b>Proposer Name</b>	<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated or NTE amount</b>
T.Y. Lin International	\$13,971,565	\$8,781,151	\$10,265,661

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

TYLI, located in Los Angeles, California, has been in business for over 60 years and is the leader in engineering, design, and construction management. TYLI has provided transit and rail services in planning design, and construction for high-speed rail, light rail, freight railways, multi-modal facilities, and maintenance yards. TYLI's most recent experience includes structural engineering services to support the MUNI Metro Turnback, design services in trackwork and third rail for Bay Area Rapid Transit Extension in San Jose, and project management oversight for many projects including the California High-Speed Rail.