

## PROCUREMENT SUMMARY

CONSULTANT BENCH FOR RAIL VEHICLE AND SYSTEMS ENGINEERING  
SUPPORT / PS37755

1.	<b>Contract Number: PS37755</b>	
2.	<b>Recommended Vendor (In alphabetical order):</b> 1) CH2M Hill, Inc. 2) LTK Engineering Services, Inc. 3) Mott MacDonald, Inc., 4) Parsons Brinkerhoff, Inc. 5) STV, Inc.	
3.	<b>Type of Procurement (check one):</b> <input type="checkbox"/> IFB <input type="checkbox"/> RFP <input checked="" type="checkbox"/> RFP–Qualification Based <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	<b>Procurement Dates:</b>	
	A. Issued: February 3, 2017	
	B. Advertised/Publicized: February 3, 2017	
	C. Pre-Proposal Conference: February 15, 2017	
	D. Proposals Due: March 6, 2017	
	E. Pre-Qualification Completed: In process	
	F. Conflict of Interest Form Submitted to Ethics: March 9, 2017	
	G. Protest Period End Date: April 21, 2017	
5.	<b>Solicitations Picked up/Downloaded:</b> 64	<b>Proposals Received:</b> 5
6.	<b>Contract Administrator:</b> Nicole Dang	<b>Telephone Number:</b> 213-922-7438
7.	<b>Project Manager:</b> Julio Rodriguez	<b>Telephone Number:</b> 213-922-3169

**A. Procurement Background**

This Board Action is to approve Contract No. PS37755 issued to establish a bench contract with qualified firms to support Metro Rail Vehicle Acquisition Department. This bench Contract contains three disciplines which are A) Support services for rail vehicle acquisition, overhauls and system compatibility, B) Support services for fleet reliability, operating rail vehicles, systems, and facilities, and C) Support services for traction power, rail vehicles, systems and facilities. Board approval of contract awards are subject to resolution of any properly submitted protest.

The RFP was issued in accordance with Metro’s Acquisition Policy for a qualification based non-Architect & Engineering procurement and the contract type is a cost plus fixed fee.

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

- Amendment No. 1, issued on February 17, 2017, revised Exhibit A entitled “Statement of Qualifications”.
- Amendment No. 2, issued on February 22, 2017, revised Section 3 of the RFP document entitled “Submittal Requirements”.

The pre-proposal conference was held on February 15, 2017 and 16 firms attended this meeting. A total of 13 questions were received and responded to by March 1, 2017. A total of five proposals were received on March 6, 2017.

## **B. Evaluation of Proposals**

A Proposal Evaluation Team (PET) consisting of staff from Metro Vehicle Acquisition department and Metro Service Warranty and Quality Assurance department was convened and conducted a comprehensive technical evaluation of the five proposals received.

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

- Prime Firm Qualification 40% percent
- Project Manager and Experience 50% percent
- Availability/Effective Schedule/ Cost Management Plan 10% percent

The evaluation criteria are appropriate and consistent with criteria developed for other, similar professional services bench procurements. Several factors were considered when developing these weights, giving the greatest importance to the project manager and experience. This is a qualification based bench contract; therefore, firms that scored over 59 percent and met the minimum qualifications were considered qualified. Price was not an evaluation factor for establishing the qualified firms for this Bench. However, price shall be an evaluation factor for all task order solicitations and awards. All task orders will be awarded on a competitive basis.

All five proposals received were determined to be within the competitive range. The five firms within the competitive range are listed below in alphabetical order:

1. CH2M Hill, Inc.
2. LTK Engineering Services, Inc.
3. Mott MacDonald, Inc.
4. Parsons Brinckerhoff, Inc.
5. STV, Inc.

The PET met during the month of March 2017 to review the five proposals received. During the week of March 6-24, 2017, Requests for Clarification were issued to CH2M Hill, Inc., LTK Engineering Services, Inc., Mott MacDonald, Inc., Parsons Brinckerhoff, Inc. and STV, Inc. The clarification requests were mainly for additional documentation of resumes. The responses received were satisfactory. All five firms submitted proposals for disciplines A, B, and C, and all five firms were approved and qualified for all three disciplines (A, B, & C).

This professional services bench Contract is anticipated to have a cumulative total of \$8,027,100 in task orders for the three disciplines combined over the six year term of the contracts. Individual task orders will be competed between the 5 firms on the bench and awarded competitively through a Request for Proposal (RFP).

### **Qualifications Summary of Firms within the Competitive Range:**

#### **CH2M Hill, Inc. (Disciplines A, B, C)**

CH2M Hill, Inc. (CH2M) was founded in 1942 and is headquartered in Englewood, CO. CH2M has a local office in Los Angeles, CA. CH2M has 20,000 employees, including 600 transit staff that specializes in consulting, design, construction, and operation services. CH2M provided consultant support services to Metro A650 HRV Overhaul and P2000 LRV Mid Life Overhaul. CH2M is among the firms in Metro's current rail vehicle consultant support bench. CH2M has provided satisfactory rail vehicle and systems engineering services to Metro's staff.

#### **LTK Engineering Services, Inc. (Disciplines A, B, C)**

LTK Engineering Services, Inc. (LTK) was founded in 1921 and is headquartered in Ambler, Pennsylvania. LTK has a local office in Los Angeles, CA. LTK specializes in rail system engineering, maintenance facilities, signals and communications, traction electrification and fare collection. LTK clients include local, regional, state and federal public agencies, domestic and foreign operating commuter rail, rapid transit, light rail, railroads, and People Mover systems. LTK has served as Metro's vehicle engineer for the procurement of the Red Line Option cars, Metro's consultant support services for the P3010 Light Rail Vehicles. LTK is among the firms in Metro's current rail vehicle consultant support bench. LTK has provided satisfactory rail vehicle and systems engineering services to Metro's staff.

#### **Mott MacDonald, Inc. (Disciplines A, B, C)**

Mott MacDonald provides design and management of rail and transit projects and is headquartered in Los Angeles, CA. Mott MacDonald has 16,000 staff worldwide and 2,300 staff in North America in 60 offices. Mott MacDonald specializes in engineering, management, and development consultancy working in 150 countries. Mott MacDonald clients include municipals such as LA Metro, Bay Area Rapid Transit, California High Speed Rail Authority, Orange County Transportation Authority, North County Transit District (NCTD), San Bernardino County Transportation Authority (SBCTA), and Santa Clara Valley Transportation Authority. This will be Mott MacDonald's first opportunity to provide rail vehicle and systems engineering services. Mott MacDonald has provided other satisfactory services to Metro.

### **WSP/Parsons Brinckerhoff, Inc. (Disciplines A, B, C)**

WSP/ Parsons Brinckerhoff, Inc. (PB) was founded in 1885 and has a local office in Los Angeles, CA. PB has over 36,700 employees located in more than 500 offices reaching across 40 countries worldwide. PB Transit and Rail System Technical Excellence Center (TEC) maintains more than 260 engineers and technical specialists dedicated to railroad systems which includes rolling stock, signals, train controls, communications, traction power, overhead catenary systems, fare collection, operations planning, safety and security, track and rail intermodal facilities. PB through a joint venture developed the performance based technical specification for Metro HR4000 Heavy Rail Vehicle procurement. PB is among the firms in Metro's current rail vehicle consultant support bench. PB has provided satisfactory rail vehicle and systems engineering services to Metro.

### **STV, Inc. (Disciplines A, B, C)**

STV, Inc. (STV) has been in business for 100 years and has a local office in Los Angeles, CA. STV has incorporated a Vehicle Technology and Operations group into their organization which offers consulting support in rail vehicle specification development and procurement, rail vehicle condition assessment, rail vehicle overhaul specification development and support, inspection and quality control support, and failure analysis. STV through a joint venture developed the performance based technical specification for Metro HR4000 Heavy Rail Vehicle procurement. STV has provided rail engineering support to municipalities such as Massachusetts Bay Transportation Authority (MBTA), Maryland MTA, City of Ottawa Confederation and LA Metro. STV has provided satisfactory rail vehicle and systems engineering services to Metro.

1	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
2	<b>Mott MacDonald, Inc.</b>				<b>1</b>
3	Prime Firm Qualification	8.83	40.00%	35.32%	
4	Project Management and Experience	8.70	50.00%	43.50%	
5	Availability/Effective Schedule/Cost Management Plan	9.33	10.00%	9.33%	
	Total		100.00%	88.15%	
8	<b>STV, Inc.</b>				<b>2</b>
9	Prime Firm Qualification	8.88	40.00%	35.52%	
10	Project Management and Experience	8.33	50.00%	41.65%	
11	Availability/Effective Schedule/Cost Management Plan	9.03	10.00%	9.03%	
12	Total		100.00%	86.20%	
13	<b>LTK Engineering, Inc.</b>				<b>3</b>
14	Prime Firm Qualification	8.75	40.00%	35.00%	
15	Project Management and Experience	8.43	50.00%	42.15%	
16	Availability/Effective Schedule/Cost Management Plan	8.93	10.00%	8.93%	
17	Total		100.00%	86.08%	
18	<b>Parsons Brinckerhoff, Inc.</b>				<b>4</b>
19	Prime Firm Qualification	8.58	40.00%	34.32%	
20	Project Management and Experience	7.93	50.00%	39.65%	
21	Availability/Effective Schedule/Cost Management Plan	8.53	10.00%	8.53%	
22	Total		100.00%	82.50%	
23	<b>CH2M Hill, Inc.</b>				<b>5</b>
24	Prime Firm Qualification	8.20	40.00%	32.80%	
25	Project Management and Experience	7.87	50.00%	39.35%	
	Availability/Effective Schedule/Cost Management Plan	8.23	10.00%	8.23%	
	Total		100.00%	<b>80.38%</b>	

### C. Cost/Price Analysis

This section is not applicable to the qualification approval of a bench Contract. However, task orders relating to this bench Contract will be awarded on a competitive

basis to the firms that provide Metro with the most advantageous proposal where price is a material factor. Individual task order awards shall include, cost/price analysis, technical evaluation, independent cost estimates, and as appropriate, audits will be performed for each Task Order.