

**Metro**Los Angeles County
Metropolitan Transportation AuthorityOne Gateway Plaza
Los Angeles, CA 90012-2952213.922.2000
metro.net**CONSTRUCTION COMMITTEE
JULY 18, 2013****SUBJECT: PURPLE LINE EXTENSION TRANSIT CORRIDOR PROJECT****ACTION: AWARD PROFESSIONAL SERVICES CONTRACT****RECOMMENDATION**

- A. Authorize the Chief Executive Officer (CEO) to execute an 11- year cost-plus fixed fee contract plus two one-year options, Contract No. MC071, to Westside Extension Support Team (WEST) to provide Construction Management Support Services (CMSS) in an amount not-to-exceed \$4,683,115 for the first year FY 14 Annual Work Program Funding; and
- B. Establish Contract Modification Authority for 15% of the not-to-exceed contract award value and authorize the CEO to execute individual Contract Modifications within the Board approved Contract Modification Authority.

ISSUE

Construction management support services are required to oversee and manage the final design, construction and assist in closeout of the Purple Line Extension Transit Corridor Project (Section 1). The final design and construction of the Project is estimated between \$1.5 and \$1.6 billion and is projected for revenue service in spring 2023. Metro Project Management requires additional construction staff with the expertise to oversee the construction of the exploratory shaft, advanced utility relocations, Division 20 Yard and Shop modifications, the design/builder's construction operations and assist Metro with the management of the Project.

The recommended Board action will provide sufficient contract funding in the first eleven months of the contract, through June 2014. The projected value of the eleven year plus two one-year options contract is estimated to be \$83,660,280. Future work will be funded on an Annual Work Program, year-to-year basis. This approach will result in more accurate budgeting for each year, while providing better control over consultant services costs.

DISCUSSION

During the solicitation of the design/build contract, Metro requires a CMSS consultant to provide support services to assist with performing constructability review of technical documents. Cost proposals of the pre-qualified design/build teams are due to Metro in December 2013.

The CMSS consultant will provide administration, maintenance, inspection services and technical support during the final design, construction, pre-revenue operations and closeout phases of the Project. The primary role of the CMSS is to provide highly skilled and qualified individuals to assist Metro with the construction management of the Project by becoming part of a fully-integrated construction management team residing in the project field office, under the oversight of Metro Project Management.

DETERMINATION OF SAFETY IMPACT

This Board action will not have an impact on established safety standards for Metro's construction projects. The CMSS contract will provide services that support Metro's internal safety staff on the Purple Line Extension Transit Corridor Project. The scope of services for the CMSS contract includes provisions for staff members to ensure that safety is the highest priority during oversight of all phases of construction.

FINANCIAL IMPACT

Funding for the CMSS contract is included in the FY14 budget in Cost Center 8510, (Construction Project Management) under Project 865518 (Purple Line Extension Transit Corridor Project), Account 50316, (Professional Services). Since this is a multi-year contract, the Executive Director of Transit Project Delivery and the Project Manager will be accountable to budget the cost for future years on an annual basis, including the exercise of any options for future phases.

IMPACT TO BUDGET

The sources of funds for the actions under Recommendations A and B are Federal 5309 New Starts, Federal 5309 New Starts Capital Grant Receipt Revenue Bond Proceeds, and Measure R funds. The approved FY14 budget is designated for the Purple Line Extension Transit Corridor Project and does not have an impact to operations funding sources. These funds were assumed in the LRTP for the Purple Line Extension Transit Corridor Project. This Project is not eligible for Propositions A and C funding due to the proposed tunneling element of the Project. No other funds were considered.

ALTERNATIVES CONSIDERED

The Metro Board may reject the recommended action and direct staff to perform all construction management tasks with in-house resources. Under this situation, Metro would have to hire additional staff with expertise in many different fields, including construction managers, resident engineers and inspectors in the disciplines of systems, tunnels, stations, cut and cover work, trackwork, civil engineering, architecture, geology, mechanical and electrical engineering, safety, environmental, rail activation, systems integration, survey, claims analysis and litigation, among many others. Such an action is not practical or cost effective. Metro would incur more cost to do the work internally compared to employing consultants.

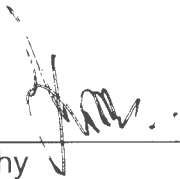
NEXT STEPS

After the recommended Board actions are approved, staff will complete the process to award Contract MC071.

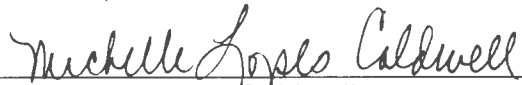
ATTACHMENT

A. Procurement Summary

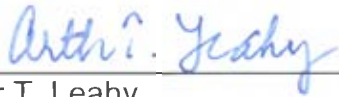
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Michelle Lopes Caldwell
Chief Administrative Services Officer



Arthur T. Leahy
Chief Executive Officer

PROCUREMENT SUMMARY

PURPLE LINE EXTENSION TRANSIT CORRIDOR PROJECT
CONSTRUCTION MANAGEMENT SUPPORT SERVICES

1.	Contract Number: MC071	
2.	Recommended Vendor: Westside Extension Support Team (WEST)	
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: December 28, 2012	
	B. Advertised/Publicized: December 28, 2012	
	C. Pre-proposal/Pre-Bid Conference: January 18, 2013	
	D. Proposals/Bids Due: February 27, 2013	
	E. Pre-Qualification Completed: May 03, 2013	
	F. Conflict of Interest Form Submitted to Ethics: March 01, 2013	
	G. Protest Period End Date: July 26, 2013	
5.	Solicitations Picked up/Downloaded: 82	Bids/Proposals Received: 3
6.	Contract Administrator: Zachary Munoz	Telephone Number: 213-922-7301
7.	Project Manager: Dennis Mori	Telephone Number: 213-922-7238

A. Procurement Background

This Board action is for a Request for Proposal (RFP) issued in support of Section 1 of the Purple Line Extension Transit Corridor Design Build Project. The scope of work consists of resident engineering and inspection services, project controls, and other construction management administrative support services, as required. The consultant's team shall become part of a fully integrated construction management team working with Metro in the integrated project management office on an as-needed basis, at the direction of Metro.

The RFP was an Architectural & Engineering (A&E) qualifications based procurement process in accordance with the California Government Code 4525-4529, and in accordance with Metro's Acquisition Policy. The process requires that each of the responding proposer's qualifications be evaluated, and the most qualified proposer be selected, followed by cost and contract negotiations with the selected proposer to establish a fair and reasonable contract price.

The contract is a cost plus fixed fee type contract that will compensate the consultant on a cost reimbursable fixed fee basis for costs that are fair, reasonable, allowable and allocable in accord with Federal Acquisition Regulation (FAR) Part 31. The contract will be for a term of eleven years plus two one-year options.

Metro held a pre-proposal conference on January 18, 2013. There were one hundred and fifteen representatives from firms that signed-in at the pre-proposal conference. There were forty-six questions submitted by plan holders during the solicitation process. Most of the questions were clarifications regarding submittal requirements, contract terms, and technical clarifications related to qualification requirements for the proposed staffing requirements. All questions were answered, and the answers were provided to all plan holders. There were three amendments issued during the solicitation phase of this RFP, as described below:

- Amendment No. 1 included revisions to the Section 1, Letter of Invitation, and Section 2, Contract Documents.
- Amendment No. 2 included revisions to the Section 2, Contract Documents, Section 3, Bid/Proposal Documents, and Section 6, Required Certifications.
- Amendment No. 3 included revisions to the Section 1, Letter of Invitation, Section 2, Contract Documents, and Section 3, Bid/Proposal Documents.

Metro received three proposals on February 27, 2013. Sealed cost proposals were received on April 11, 2013, at the oral presentations and the most qualified proposer's cost proposal was opened after the recommendation of the most qualified proposer was approved by the Executive Officer, Procurement and Material Management.

The three proposers were responsive to the RFP requirements. The three proposers are listed below (in alphabetical order):

1. Caltrop Corporation
2. Transit West Partners, a Joint Venture (TWP) – (HDR Engineering, Inc. and Jacobs Associates)
3. Westside Extension Support Team, a Joint Venture (WEST) - (Stantec Consulting Services, Inc. and Jacobs Project Management Company)

B. Evaluation of Proposals/Bids

This solicitation was a qualification-based procurement process. This method involves evaluation of each of the responding proposer's qualifications (cost is not a factor in the evaluation) with the most qualified proposer being selected, followed by an analysis of the cost proposal from, and negotiations with, the selected proposer.

A Proposal Evaluation Team (PET) consisting of staff from Metro Project Management, Metro Construction Management, and Metrolink, Engineering & Construction was convened and conducted a comprehensive evaluation of the qualification proposals received.

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

- Experience and Qualifications of Firms on the Team (35%)
- Skills and Experience of Project Personnel (30%)
- Project Understanding and Approach (35%)

The evaluation criteria were consistent with the criteria developed for other similar A&E procurements. When developing the weights, the greatest importance was given to the Experience and Qualifications of Firms on the Team, and Project Understanding and Approach. Price was not used as an evaluation factor pursuant to state and federal law for A&E procurement.

As part of the evaluation, each of the proposer’s administrative project managers, along with other key personnel had the opportunity to make an oral presentation of their team’s qualifications and respond to the PET’s questions. In general, each proposer’s presentation addressed the requirements of the RFP, their relevant experience pertaining to the anticipated tasks, and stressed each proposer’s commitment to the success of the contract. Each team was asked questions relative to the proposer’s previous experience performing work of a similar nature to the scope of work in the RFP.

Qualifications Summary of the Firms:

WEST

- WEST demonstrated very good experience in managing major projects using both design-build and design-bid-build project delivery methods.
- WEST presented very good Tunnel Boring Machine (TBM) experience using both Slurry and Earth Pressure Balance (EPB) machines.
- WEST demonstrated successful experience in similar projects and management of the technical specialties as a unified team to support Section 1 of the Westside Subway Extension Project to its completion.

TWP

- TWP demonstrated good systems integration experience with working in an operating environment.
- TWP presented a good understanding of the key issues relevant to Section 1 of the Westside Subway Extension Project, such as, working in gassy tunnels.
- TWP provided a very good understanding of the project schedule and approach for preserving schedule.

CALTROP

- Caltrop demonstrated good survey and ground monitoring capabilities and experience.
- Caltrop has good design-build and design-bid-build experience.
- Caltrop presented good to very good experience in community affairs matters relevant to Section 1 of the Westside Subway Extension Project.

The following table represents the scoring for the three firms.

Table 2 – CMSS Final Scoring

FIRM	Average Score	Factor Weight	Weighted Average Score	Rank
WEST				
Experience and Qualifications of Firms on the Team	84.67	35%	29.63	
Skill and Experience of Project Personnel	84.33	30%	25.30	
Project Understanding and Approach	86.33	35%	30.22	
Total		100.00%	85.15	1
TWP				
Experience and Qualifications of Firms on the Team	81.00	35%	28.35	
Skill and Experience of Project Personnel	78.67	30%	23.60	
Project Understanding and Approach	81.33	35%	28.47	
Total		100.00%	80.42	2
CALTROP				
Experience and Qualifications of Firms on the Team	70.33	35%	24.62	
Skill and Experience of Project Personnel	68.67	30%	20.60	
Project Understanding and Approach	69.67	35%	24.38	
Total		100.00%	69.60	3

The WEST proposal offered a team that has extensive technical experience managing construction projects of a similar nature that strongly demonstrated the necessary experience required for all phases of this contract. The proposal demonstrated that the team is very familiar with the project context and community concerns, which is critical to the project's success.

C. Cost/Price Analysis

The cost analysis of labor rates, overhead rates and other costs factors were completed in accordance with Metro's Procurement Policies and Procedures to negotiate a fair and reasonable price. The analysis includes, among other things, (1) a comparison with similar firms offering the same services; (2) an analysis of audited rates and factors for labor, equipment and other unit prices that comprise the billing rates upon which the consultant will base its invoices, and (3) compliance with both the Federal Acquisition Regulation (FAR) guidelines and Generally Accepted Accounting Principles (GAAP). Metro negotiated and established fully burdened provisional billing rates for labor, plus a fixed fee that will be paid to the consultant to perform the work. The provisional overhead rates were established subject to retroactive adjustments upon completion of ongoing audits.

Proposer Name	Negotiated Estimated Amount for 1 st Year
WEST	\$4,683,115.00

The negotiated estimated amount is only for the first eleven months of the contract. Future work will be funded on an Annual Work Program, year-to-year basis.

D. Background on Recommended Contractor

The recommended proposer, WEST is a Joint Venture of Stantec Consulting Services, Inc.(Stantec) and Jacobs Project Management Co. (a business unit of Jacobs Engineering Group, Inc.) - (Jacobs). Stantec founded in 1954, provides professional consulting services in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics for infrastructure and facilities projects. Continually striving to balance economic, environmental, and social responsibilities, Stantec is recognized as a world-class leader and innovator in the delivery of sustainable solutions. Stantec supports public and private sector clients in a diverse range of markets, at every stage, from initial concept and financial feasibility to project completion and beyond. Stantec services are provided on projects around the world through approximately 12,000 employees operating out of more than 200 locations in North America and 4 locations internationally. Jacobs is one of the world's largest and most diverse providers of technical, professional, and construction services, including all aspects of architecture, engineering and construction, operations and maintenance, as well as scientific and specialty consulting. Jacobs serve a broad range of companies and organizations, including

industrial, commercial, and government clients across multiple markets and geographies. Jacobs was founded in 1947 and has grown to a worldwide total of 60,000 employees. Jacobs has been named one of *FORTUNE Magazine's* World's Most Admired Companies every year since the award's inception always ranking highly in its industry. In 2012 Jacobs was ranked No. 2 within the Engineering and Construction Industry category. Jacobs has held a top-3 spot on this ranking for 13 of the last 14 years.

E. DBE Participation

The Diversity and Economic Opportunity Department (DEOD) recommended a 25% Disadvantaged Business Enterprise Anticipated Level of participation (DALP) for this project. The Westside Extension Support Team (WEST) Joint Venture made a 28.25% DALP commitment. During negotiations, WEST agreed to implement the new mandatory Race Conscious (RC) DBE program for this procurement. Based on the results of the current proposal, 24.38% of WEST's commitment will be counted toward the RC DBE participation and 3.87% toward Race Neutral (RN) DBE commitment.

Race Conscious DBE Commitment

DBE GOAL	N/A	DBE COMMITMENT	24.38%
	DBE Subcontractors	Scope of Work	% DBE ¹ Committed
1.	Anil Verma Associates, Inc.	Inspection, cost/schedule	0.38%
2.	Cabrinha Hearn & Associates	Land Surveying	10.37%
3.	MARRS Services, Inc.	Resident Engineer, Inspection, ITS	6.85%
4.	Ramos Consulting Services	Configuration Management	6.78%
		Total RC DBE Commitment	24.38%

¹ The DBE RC Commitment includes the DBE groups who were found in Metro's Disparity Study to have significant statistical disparity (male and female) African Americans, Asian Pacific Americans, Native Americans, Hispanic Americans, and Subcontinent Asian Americans.

Race Neutral DBE Commitment

	DBE Subcontractors	Scope of Work	% DBE ² Committed
5.	Cogstone Resource Management, Inc.	Paleontology and archeology	2.15%

6.	Lenax Construction Services, Inc.	Estimating and office support	1.72%
		Total RN DBE Commitment	3.87%

⁷ The DBE RN commitment includes the DBE group (s) who were found in Metro's Disparity Study not to have significant statistical disparity. Non-minority women RN participation will be counted toward Metro's Race Neutral portion of the overall goal.

F. All Subcontractors Included with Recommended Contractor's Proposal

	Subcontractors	Services Provided
1.	Anil Verma Associates, Inc.	Inspection, cost/schedule
2.	Babendererde Engineers, Inc.	TBM specialist, monitoring and interpretation of TBM and geotechnical data
3.	Cabrinha Hearn & Associates.	Land surveying
4.	Cogstone Resource Management, Inc.	Paleontology and archeology
5.	Delcan Corporation	Quality engineer
6.	D'Leon Consulting Engineers	Inspection
7.	Diana Ho Consulting Group	Construction relations, social media/communications
8.	Global Business Solutions, Inc.	Configuration Management
9.	Jenkins/Gales & Martinez, Inc.	CM support as needed
10.	Kal Krishnan Consulting Services, Inc.	Office Engineer and inspection, claims, estimating, office support, testing/start up, welding engineer
11.	Lenax Construction Services, Inc.	Estimating and office support
12.	MARRS Services, Inc.	Resident Engineer, inspection, ITS
13.	Pacifica Services, Inc.	Environmental monitoring, office support, geologist
14.	Ramos Consulting Services, Inc.	Configuration management
15.	Safework, Inc.	Inspection, construction safety, office support, construction relations, document control
16.	UltraSystems Environmental	Environmental monitoring
17.	URS Corporation	Broad CM support, geotechnical instrumentation, and environmental monitoring
18.	Valle & Associates, Inc.	Third party coordination