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REVISED
SYSTEM SAFETY AND OPERATIONS COMMITTEE
JANUARY 16, 2014

**SUBJECT: ENGINEERING SERVICES FOR PATSAOURAS PLAZA PAVER
REPAIR PROJECT**

ACTION: APPROVE CONTRACT AWARD

RECOMMENDATION

Award a firm fixed priced contract under RFP No. PS 14643045 to STV, Incorporated (STV), the highest rated proposer for engineering design and services for the repair and replacement of the Patsaouras Plaza Paver System in an amount not-to-exceed \$607,918.

ISSUE

The services of an engineering consultant are required to design several potential solutions to the paver and drainage issues on the Patsaouras Plaza, and to provide engineering oversight of the design-build contractor that will be selected on behalf of Metro. This project is included in the \$9.1M Bus Plaza Paver Repair (capital project 210137) approved in the FY14 budget.

DISCUSSION

At the October meeting, the Board approved use of a design-build concept for repair and replacement of the Patsaouras Plaza drainage and paver system. In order to proceed with the design-build project, the services of an engineering contractor to complete the preliminary engineering for the design-build procurement are required. The award of this engineering design and services contract will accomplish this objective.

The engineering contractor will be required to specify a feasible and acceptable preliminary plaza design concept in advance of the design-build contract procurement. The engineering contractor will develop several potential solutions to the paver and drainage issues, including reuse of the existing paver bricks, if at all possible. The engineering contractor will also manage the review and approvals of the design-build

contractor's final construction design submittals, which will include the installation and testing of drainage/paver sections, joints, and details needed for a permanent repair. After the test period, a single solution will be selected by Metro, the engineering contractor, and the design-build contractor. At that time, the design-build contractor will install and construct the selected solution.

DETERMINATION OF SAFETY IMPACT

Repairing the drainage and pavers on the Patsaouras Plaza will have a beneficial impact on safety by preventing further damage to the plaza and parking structure caused by water intrusion.

FINANCIAL IMPACT

The funding of \$607,918 for this service is included within the Life-of-Project budget for the Bus Plaza Paver Repair project (CP 210137), cost center 6430, account 53102 Acquisition of Equipment.

Since this is a multi-year contract, the cost center manager and Executive Director, Employee and Labor Relations will be accountable for budgeting in future years.

Impact to Budget

The source of funds for these services is from the General Fund and others which are eligible for bus and rail operating and capital funds. No other sources of funds were considered because these funds are programmed for this use.

ALTERNATIVES CONSIDERED

An alternative is to have the design-build contractor provide all engineering work, including the basis of design, as part of their contract scope, and for Metro to provide construction management with in-house resources. This is not recommended because of the special expertise required of an engineering contractor for this unique project, and because effective engineering oversight of the design-build contractor will reduce costs associated with schedule disruption and liability.

NEXT STEPS

If approved, contract will be issued to STV, Incorporated to perform the engineering services for this project.

ATTACHMENT

A. Procurement Summary

Prepared by: Phyllis Meng, Deputy Executive Officer, General Services
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PROCUREMENT SUMMARY

PATSAOURAS PLAZA BUSWAY PAVERS, STORM DRAIN REPAIRS, AND IMPROVEMENTS

1.	Contract Number: PS14643045	
2.	Recommended Vendor: STV Incorporated	
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: September 18, 2013	
	B. Advertised/Publicized: September 18, 2013	
	C. Pre-proposal/Pre-Bid Conference: October 1, 2013	
	D. Proposals/Bids Due: November 7, 2013	
	E. Pre-Qualification Completed: November 12, 2013	
	F. Conflict of Interest Form Submitted to Ethics: December 30, 2013	
	G. Protest Period End Date: January 28, 2014	
5.	Solicitations Picked up/Downloaded: 46	Bids/Proposals Received: 3
6.	Contract Administrator: Kenneth Takahashi	Telephone Number: 213-922-1047
7.	Project Manager: Richard Darby	Telephone Number: 213-922-2365

A. Procurement Background

This Board action is for an Architect & Engineering (A&E) procurement issued in support of Patsaouras Plaza Busway Pavers, Storm Drain Repairs, and Improvements project.

The RFP was issued in accordance with Metro's Acquisition Policy and the contract type is a Firm Fixed Price.

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

- Amendment No. 1 issued on October 9, 2013 changed the due date to October 23, 2013,
- Amendment No. 2 issued on October 17, 2013 changed the due date to October 31, 2013, and
- Amendment No. 3 issued October 23, 2013 changed the due date to November 7, 2013.

The pre-proposal meeting was held on October 1, 2013. During the solicitation period responses were provided to eleven questions. A total of three proposals were received on November 7, 2013.

B. Evaluation of Proposals/Bids

A Selection Committee consisting of staff from General Services and Procurement was convened and conducted a comprehensive technical evaluation of the proposals received.

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

- Degree of Corporate Skill and Experience 20 percent
- Experience of Staff 40 percent
- Understanding of Work and Appropriateness of Approach for Implementation 40 percent

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

The evaluation committee met and reviewed the submittals from the firms. Areas reviewed consisted of staffing plans, work plans, and project issues.

Qualifications Summary of Firms:

Owen Group

Owen Group, Inc. (Owen) is a multidisciplinary design and construction management firm with alliances BFL Owen, Henrikson Owen & Associates, Parkitects Owen, Owen Management and Owen Civil. Founded in 1981, Owen quickly established a reputation for providing the highest standard of consulting services. For the past ten years, Owen has been ranked by ENR as a Top 500 Engineering Firm, and also as a Top 100 Construction Management for fee Firm.

RNL Interplan

RNL is a global, full-service design firm specializing in sustainable, integrated design. Founded in 1956, RNL offers a continuum of design services including architecture, interior design, landscape architecture, urban design and planning. RNL has offices in Denver, Los Angeles, Phoenix, Washington DC, Abu Dhabi, and Singapore. In September of 2012, RNL was ranked #5 for sustainability and #20 overall on *Architect* magazine's The Architect 50, an annual ranking of American architecture firms.

STV Incorporated

STV is a leading, award-winning professional firm offering engineering, architectural, planning, environmental, and construction management services. They consistently

rank among the country's top 25 firms in education, corrections, highways, bridges, rail and mass transit. Throughout the United States and in Canada, STV's professional, technical and support personnel offer services to a broad and ever-expanding client base. They provide planning, environmental, design, program and construction management, and specialty services for the transportation, design-build, institutional and commercial building, advanced technology, industrial and defense markets.

The Selection Committee rated STV Incorporated as the highest qualified proposer as shown in the following table:

1	FIRM	Average Score	Factor Weight	Weighted Average Score	Rank
2	Owen Group				
3	Degree of Corporate Skill and Experience	97.50	20.00%	19.50	
4	Experience of Staff	97.50	40.00%	39.00	
5	Understanding of Work and Appropriateness of Approach for Implementation	65.00	40.00%	26.00	
6	Total		100.00%	94.50 84.50	2 3
7	RNL Interplan				
8	Degree of Corporate Skill and Experience	92.50	20.00%	18.50	
9	Experience of Staff	80.00	40.00%	32.00	
10	Understanding of Work and Appropriateness of Approach for Implementation	95.00	40.00%	38.00	
11	Total		100.00%	93.50 88.50	3 2
12	STV Incorporated				
13	Degree of Corporate Skill and Experience	95.00	20.00%	19.00	
14	Experience of Staff	100.00	40.00%	40.00	
15	Understanding of Work and Appropriateness of Approach for Implementation	95.00	40.00%	38.00	
16	Total		100.00%	97.00	1

C. Cost/Price Analysis

The recommended price of \$607,918 submitted by STV Incorporated has been determined to be fair and reasonable based upon price analysis performed by the Project Manager and Contract Administrator.

D. Background on Recommended Contractor

The recommended firm, STV Incorporated with a local office located at 1055 West Seventh Street, Los Angeles, California 90017 has been in business for over 100 years, is a leader in the fields of engineering, architectural, planning, environmental, and construction management services. STV Incorporated has performed work for the Southern California Regional Rail Authority, Caltrans, the County of Los Angeles Department of Public Works, and the City of Los Angeles Bureau of Engineering.

E. Small Business Participation

The Diversity and Economic Opportunity Department (DEOD) established a 15% Small Business Enterprise (SBE) goal for this solicitation.

SMALL BUSINESS GOAL	SBE 15%	SMALL BUSINESS COMMITMENT	SBE 9.16%
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	SBE Subcontractors	% Committed
1.	Diaz Yourman & Associates	3.29%
2.	Kal Krishnan Consulting	5.87%
	Total Commitment	9.16%

F. All Subcontractors Included with Recommended Contractor's Proposal

	Subcontractor	Services Provided
1.	Diaz Yourman & Associates	Engineering Services
2.	Kal Krishnan Consulting	Cost Estimating