

**Metro**Los Angeles County
Metropolitan Transportation AuthorityOne Gateway Plaza
Los Angeles, CA 90012-2952213.922.2000 Tel
metro.net**PLANNING & PROGRAMMING COMMITTEE
MAY 14, 2014****SUBJECT: I-605 “HOT SPOTS” ARTERIAL PACKAGES - ENVIRONMENTAL
CLEARANCE AND PRELIMINARY ENGINEERING SERVICES FOR
INTERSECTION IMPROVEMENTS IN THE CITY OF WHITTIER****ACTION: AWARD CONTRACT****RECOMMENDATION**

- A. Authorize the Chief Executive Officer (CEO) to award a 12 month, cost-plus-fixed-fee Contract No. RFP PS4720-3252 to V&A, Inc., for Environmental Clearance and Preliminary Engineering Services for Intersection Improvements in the City of Whittier, in an amount not-to-exceed \$794,276.

ISSUE

Metro, in collaboration with Caltrans and the Gateway Cities Council of Governments (GCCOG), is leading the development of Measure R I-605 “Hot Spots” highway and arterial improvement projects. This contract award will enable Metro to obtain environmental clearance and preliminary engineering services for intersection improvements in the City of Whittier.

DISCUSSION

Measure R designated \$590 million for congestion “hot spots” relief improvements along the I-605, SR-91, and I-405 Corridors in the Gateway Cities sub-region. The I-605 Technical Advisory Committee (TAC) and Corridor Cities Committee (CCC) were formed by the GCCOG to provide technical and policy direction, respectively, for the development of future transportation improvements within the SR-91/I-605/I-405 corridors. In March 2013, Metro and the GCCOG completed a feasibility study for the SR-91/I-605/I-405 Corridor. As part of the feasibility study, an Arterial Intersection Congestion Analysis Report was prepared. That report identified intersection congestion “Hot Spots”, the intersection ranking methodology, corresponding traffic analysis, and recommendations for arterial intersection improvements.

The “Top 40” intersections selected for further improvements are illustrated graphically in Attachment B and summarized in a table in Attachment C. The I-605 TAC & CCC requested Metro to lead the procurement of the environmental clearance and

correlating preliminary engineering services for the 10 intersections listed in Attachment D. The remaining intersections will be addressed by the respective jurisdiction in which the intersections are located.

The award of this contract will allow Metro staff to move forward with the environmental clearance and the correlating preliminary engineering for 3 intersections. Separate procurements will be undertaken for the remaining 7 intersections. The intersections covered under this contract are all located in the City of Whittier: (a) Whittier Boulevard/Santa Fe Springs Road, (b) Whittier Boulevard/Painter Avenue, and (c) Whittier Boulevard/Colima Road.

DETERMINATION OF SAFETY IMPACT

The environmental clearance and preliminary engineering services required for intersection improvements in the City of Whittier will have no impact on the safety of Metro's patrons or employees.

FINANCIAL IMPACT

Funding for this project is included in the FY15 budget-request in Cost Center 4720, under Project 460314, I-605 Hot Spots.

If any amendments occur which cause the contract to extend beyond 12 months, the cost center manager and Executive Director, Engineering & Construction will be responsible for requesting future fiscal year budget.

Impact to Budget

The source of funds for this project is Measure R 20% Highway Funds. No other sources of funds were considered as these are specifically identified for this project. These funds are not eligible for bus and rail operating and capital expenditures.

ALTERNATIVES CONSIDERED

Two alternatives were considered:

1. Utilize Metro staff to perform the environmental clearance and the correlating preliminary engineering. This alternative is not recommended because Metro does not have the staffing available to complete that workload in the specified timeframe.
2. Not authorizing the CEO to negotiate, award, and execute the consultant contract. Staff is not recommending this alternative because the Project reflects a consensus amongst local jurisdictions for moving forward with specific intersection improvements. Approval to proceed with the environmental clearance and preliminary engineering for Intersection Improvements in the City

of Whittier is consistent with the recommendations of the I-605 TAC and CCC, the GCCOG, and the goals of Measure R: I-605 “Hot Spots” Program.

NEXT STEPS

Upon Board approval, staff will issue the Notice to Proceed.

ATTACHMENTS

- A. Procurement Summary
- B. I-605 “Hot Spots” Arterial Improvements – “Top 40” Intersections Selected for Improvement Evaluation
- C. I-605 “Hot Spots” Arterial Improvements – Initial Projects
- D. Metro Led Procurements: Environmental Clearance for Intersection Improvements

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PROCUREMENT SUMMARY
ENVIRONMENTAL CLEARANCE AND PRELIMINARY ENGINEERING SERVICES
FOR INTERSECTION IMPROVEMENTS IN THE CITY OF WHITTIER

1.	Contract Number: PS4720-3252	
2.	Recommended Vendor: V&A, Inc.	
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: February 10, 2014	
	B. Advertised/Publicized: February 10, 2014	
	C. Pre-proposal/Pre-Bid Conference: February 18, 2014	
	D. Proposals/Bids Due: March 7, 2014	
	E. Pre-Qualification Completed: March 27, 2014	
	F. Conflict of Interest Form Submitted to Ethics: March 12, 2014	
	G. Protest Period End Date: May 21, 2014	
5.	Solicitations Picked up/Downloaded: 91	Bids/Proposals Received: 3
6.	Contract Administrator: Aielyn Dumaua	Telephone Number: (213) 922-7320
7.	Project Manager: Adrian Alvarez	Telephone Number: (213) 922-3001

A. Procurement Background

This Board action is for the approval of Contract No. PS4720-3252 issued for environmental clearance and preliminary engineering services.

On February 10, 2014, Metro released a Request for Proposal (RFP) to solicit professional services for the environmental clearance and preliminary engineering services for intersection improvements in the City of Whittier. The RFP was issued in accordance with Metro's Acquisition Policy & Procedure and the contract type is cost-plus-fixed-fee (CPFF). Two amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on February 21, 2014, provided electronic copies of the Plan-Holder's list, sign-in sheets, meeting minutes of the pre-proposal conference, and corrected the intersection locations identified in the contract documents and Exhibit 5 – Cost & Pricing Forms.
- Amendment No. 2, issued on February 26, 2014, provided responses to proposer questions.

A pre-proposal conference was held on February 18, 2014. Twenty-six questions were asked and responses were released prior to the proposal due date. Three proposals were received by the due date, March 7, 2014.

B. Evaluation of Proposals

Three proposers responded to this solicitation. A Proposal Evaluation Team (Team) consisting of staff from Metro's Highway Program, Gateway Cities Council of Governments (GCCOG), and City of Whittier were convened and conducted a comprehensive technical evaluation of the proposals received.

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

- | | |
|---|-----|
| • Qualifications of the Firm/Team | 25% |
| • Experience of Project Manager and Key Personnel | 35% |
| • Project Understanding and Approach | 15% |
| • Work Plan | 25% |

The evaluation criteria are appropriate and consistent with criteria developed for similar procurements for environmental clearance and preliminary engineering services. The Team evaluated each proposal according to the pre-established evaluation criteria and reasonableness of the technical proposals.

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

Three proposals were deemed responsive. The three firms are listed below in alphabetical order:

1. CH2M Hill, Inc.
2. Transytems Corporation
3. V&A, Inc.

During March 10, 2014 through March 18, 2014, the Team evaluated the technical proposals. The Team met on March 19, 2014 to determine the competitive range. Two proposers were determined to be within the range.

On March 24, 2014, oral presentations were held with two firms in the competitive range. The firms' project manager and key team members presented their team's qualifications, experience with required tasks, and discussed their approach to successfully meet Metro's requirements.

The final scoring, after the oral presentations, for the top ranked team is as follows:

	FIRM	Average Score	Factor Weight	Weighted Average Score	Rank
1.	V&A, Inc.				
2.	Qualifications of the Firm/Team	90.33	25.00%	22.58	
3.	Qualifications of Key Personnel	88.33	35.00%	30.92	
4.	Project Understanding and Approach	92.00	15.00%	13.80	
5.	Work Plan	88.67	25.00%	22.17	
6.	Total		100.00%	89.47	1

The recommended firm, V&A, Inc. (V&A) is a civil and traffic engineering firm that provides design expertise on roadway, utilities, drainage, traffic and transportation planning. V&A has been involved in several intersection improvement projects which require multi-agency coordination such as the I-605 Congestion Hot Spots Feasibility Study, I-405 Sepulveda Pass Widening Project, 6th Street Viaduct Replacement Project, and the Crenshaw/LAX Transit Corridor Project. The Team determined that V&A presented strong credentials across the disciplines requested in the RFP including a project manager with extensive intersection improvement experience.

The proposed V&A team is comprised of registered and experienced civil and traffic engineers who have been involved in intersection design of many of the largest transportation projects in Southern California. They have completed a number of arterial intersection preliminary studies, planning and final design, as well as extensive coordination with government entities and stakeholders particularly in I-605 corridor. In addition, the proposed Project Manager has managed and completed a number of street improvement design projects.

V&A's strengths are in their proposed management and work plan, work experience on design of intersection improvements, experienced key personnel, project delivery techniques, and thorough understanding of the scope of work.

C. Cost/Price Analysis

The final negotiated amount will comply with all requirements of Metro's Acquisition Policy and Procedure, fact-finding, clarifications, negotiations, and cost analysis to determine a fair and reasonable price before the contract is executed.

	Proposer Name	Proposal Amount	Price NTE
1.	V&A, Inc.	\$794,275.43	\$794,275.43

D. Background on Recommended Contractor

The recommended firm, V&A, Inc. is headquartered in Los Angeles, California and has been in business since 2008. It is an engineering consulting firm providing civil and traffic engineering as well as third party coordination services for large design-build and transportation planning projects. The firm has experience delivering intersection improvement projects such as the I-605 Congestion Hot Spots Feasibility Study, I-405 Sepulveda Pass Widening Project, the Street Viaduct Replacement Project, and the Crenshaw/LAX Transit Corridor Project.

V&A has assembled a highly qualified team consisting of V&A and 4 subcontractors. The proposed team will provide project management and highly experienced network of technical resources that will support the completion of the environmental clearance and preliminary engineering services for 3 intersection improvements in the City of Whittier.

E. Small Business Participation

The Diversity and Economic Opportunity Department (DEOD) established a 35% Small Business Enterprise (SBE) goal for this solicitation. V&A, an SBE Prime, exceeded the SBE goal and made a pre-negotiated SBE commitment of 53.08%. V&A also made commitments to two SBE subcontractors. Final SBE contract commitments will be determined after negotiations are completed.

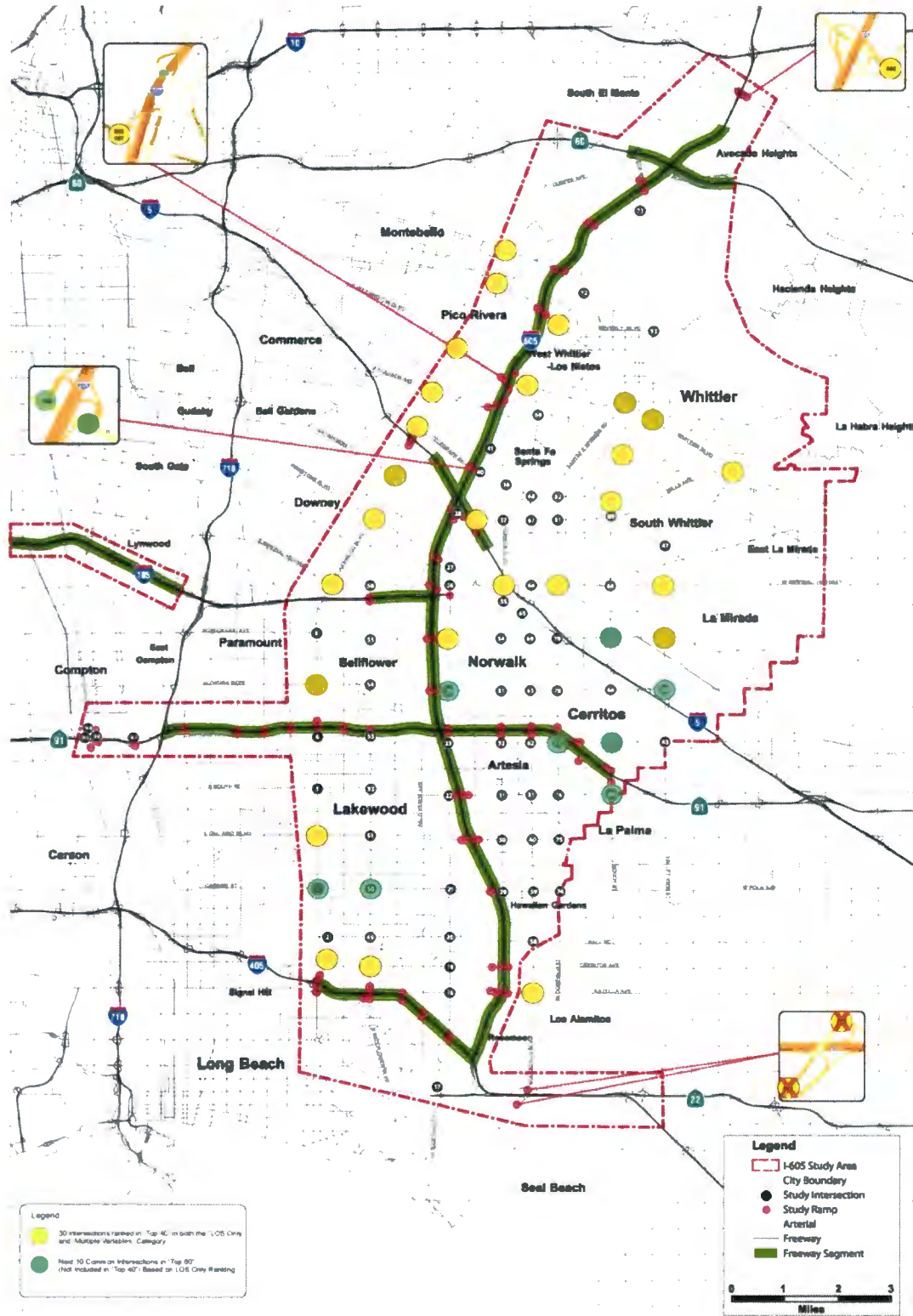
SMALL BUSINESS GOAL	SBE 35%	SMALL BUSINESS COMMITMENT	53.08%
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	SBE Prime and Subcontractors	% Committed
1.	V&A, Inc. (SBE Prime)	45.53%
2.	Morgner Construction Management	1.89%
3.	Cogstone	5.65%
	Total SBE Commitment	53.08%

F. All Subcontractors Included with Recommended Contractor’s Proposal

	Subcontractor	Services Provided
1.	RBF Consulting, Inc.	Engineering support and environmental support
2.	Iteris, Inc.	Traffic modeling and analysis
3.	Morgner Construction Management	Cost estimating services
4.	Cogstone Resource Management, Inc.	Environmental technical studies

I-605 "Hot Spots" Arterial Improvements –
"Top 40" Intersections Selected for Improvement Evaluation



I-605 "Hot Spots" Arterial Improvements – Initial Projects

Combined Ranking	Study Intersection #	Location	Jurisdiction	Cost Estimate	Additional R/W Required Major/Minor(*) (#)		Environmental Document		Consistent with Feasibility Study	Proceed with Project
							URS	COG		
1	83	Santa Fe Springs - Whittier	Whittier	\$1,740,000	—	Y (1)	CE or IS/ND	IS/ND	y	y
2	12	Lakewood - Telegraph	Downey/Pico Rivera	\$2,120,000	Y (1)	—	CE or IS/ND	IS/MND	y	y
3	92	Painter - Whittier	Whittier	\$1,960,000	Y (1)	—	IS/ND	IS/MND	y	y
4	R66/R67	I-605 SB - Washington	LA County	\$9,340,000	—	Y (2)	Freeway ED	Freeway ED	y	y
5	4	Lakewood - Del Amo	Long Beach/Lakewood	\$3,230,000	Y (3)	—	IS/ND or IS/MND	IS/MND	y	N
6	16	Rosemead - Beverly	Pico Rivera	\$4,040,000	Y (1)	—	IS/ND	IS/MND	y	y
7	25	Studebaker - Rosecrans	Norwalk	\$1,670,000	N	N	CE	CE	y	y
9	81	Painter - Mulberry	Whittier/LA County (South Whittier) (County lead)	\$2,410,000	Y (1)	—	CE or IS/ND	IS/MND	y	y
10	42	Whittier - Colima	Whittier	\$1,810,000	Y (1)	—	CE or IS/ND	IS/MND	y	y
11	15	Rosemead - Whittier	Pico Rivera	\$600,000	N	N	CE	CE	y	y
12	80	Bloomfield - Imperial	Santa Fe Springs/Norwalk	\$920,000	N	N	CE or IS/ND	CE	y	y
13	46	Valley View - Imperial	LA County (South Whittier)/La Mirada (County lead)	\$1,640,000	N	N	CE or IS/ND	CE	y	y
14	57	Los Alamitos - Katella	Los Alamitos	\$1,230,000	N	N	CE	CE	y	y
15	39	Florence - Orr and Day	Santa Fe Springs	\$2,380,000	Y (2)	—	IS/ND or IS/MND	EIR	y	N
16	7	Lakewood - Alondra	Bellflower/Paramount	\$970,000	N	N	CE	CE	y	y
17	1	Lakewood - Spring	Long Beach	\$930,000	—	—	CE	CE	y	y
18	9	Lakewood - Imperial	Downey	\$2,760,000	N	N	CE	CE	y	y
19	71	Norwalk-Whittier	Whittier/LA County (West Whittier) (County lead)	\$2,830,000	N	N	IS/MND	IS/MND	y	y
20	48	Bellflower - Spring	Long Beach	\$730,000	N	N	CE	CE	y	y
21	36	Pioneer - Imperial	Norwalk	\$1,510,000	Y (1)	—	CE or IS/ND	IS/ND	y	y
22	10	Lakewood - Firestone	Downey	\$800,000	N	N	CE	CE	y	y
24	13	Rosemead - Slauson	Pico Rivera	\$1,770,000	N	N	CE	CE	y	y
25	45	Valley View - Rosecrans	La Mirada/Santa Fe Springs	\$350,000	N	N	CE	CE	y	y
26	14	Rosemead - Washington	Pico Rivera	\$40,000	N	N	CE	CE	y	y
28	70	Norwalk-Washington	Santa Fe Springs/LA County (County Lead)	\$550,000	N	N	CE	CE	y	y
29	90	Carmenita - Telegraph	Santa Fe Springs/LA County (S. Whittier) (County lead)	\$800,000	—	Y (1)	CE or IS/ND	IS/ND	y	y
30	R61	I-605 NB Ramps - Telegraph	Santa Fe Springs	\$2,160,000	Y (2)	—	Freeway ED	Freeway ED	y	N
31	44	Valley View - Alondra	Santa Fe Springs/La Mirada	\$1,500,000	Y (1)	Y (1)	CE or IS/ND	IS/ND	y	y
32	77	Bloomfield - Artesia	Cerritos	\$1,680,000	Y (1)	—	CE or IS/ND	IS/MND	y	y
33	R60	I-605 SB Ramps - Telegraph	Santa Fe Springs	\$19,250,000	Y (2)	—	Freeway ED	Freeway ED	y	N
35	24	Studebaker - Alondra	Norwalk/Cerritos	\$480,000	N	N	CE	CE	y	y
39	11	Lakewood - Florence	Downey	\$2,410,000	N	N	CE	CE	y	y
40	84	Carmenita - South	La Palma/Cerritos	\$470,000	N	N	CE	CE	y	y
Total for all 33 intersection locations:				\$77,080,000						

- Notes: 1. Bloomfield/Artesia has higher unit cost for special traffic signal facilities
- 2. I-605 SB Ramp/Washington includes bridge widening cost for arterial widening over the San Gabriel River
- 3. I-605 SB Ramp/Telegraph includes bridge widening cost for arterial widening over the San Gabriel River
- 4. Costs are in 2012 dollars and are not escalated for any particular year of construction
- 5. (#) - Number of legs of intersection that require additional right-of-way

-	Removed # 14 as in Orange County
-	Intersections to be addressed by local agency
-	Intersections removed because part of freeway interchange (#4, #30 and #33) or too complex (#39)

Metro Led Procurements: Environmental Clearance for Intersection Improvements

Categorical Exemption (CE)		Initial Study (IS)/ Negative Declaration (ND)		Initial Study (IS)/Mitigated Negative Declaration (MND)	
Study Intersection #	Location	Study Intersection #	Location	Study intersection #	Location
(#7)	Lakewood - Alondra	(#83)	Santa Fe Springs- Whittier	(#92)	Painter - Whittier
(#1)	Lakewood - Spring	(#44)	Valley View - Alondra	(#42)	Whittier – Colima
(#48)	Bellflower - Spring			(#77)	Bloomfield - Artesia
(#45)	Valley View - Rosecrans				
(#84)	Carmenita - South				