

## PROCUREMENT SUMMARY

**CONSTRUCTION MANAGEMENT SUPPORT SERVICES FOR SOUNDWALL NO. 11/  
CONTRACT NUMBER AE4569400**

1.	<b>Contract Number:</b> AE4569400	
2.	<b>Recommended Vendor:</b> Ghirardelli Associates, Inc.	
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> May 4, 2015	
	<b>B. Advertised/Publicized:</b> May 5, 2015	
	<b>C. Pre-proposal Conference:</b> May 14, 2015	
	<b>D. Proposals Due:</b> June 19, 2015	
	<b>E. Pre-Qualification Completed:</b> February 9, 2016	
	<b>F. Conflict of Interest Form Submitted to Ethics:</b> February 5, 2016	
	<b>G. Protest Period End Date:</b> March 23, 2016	
5.	<b>Solicitations Picked up/Downloaded:</b> 117	<b>Bids/Proposals Received:</b> 9
6.	<b>Contract Administrator:</b> Nicole Dang	<b>Telephone Number:</b> 213-922-7438
7.	<b>Project Manager:</b> James Gleig	<b>Telephone Number:</b> 213-922-7453

**A. Procurement Background**

This Board Action is to approve Contract no. AE4569400 issued in support of the design review, construction management, and administration of Soundwall No. 11 to ensure that the construction of the project is completed in compliance with contract requirements and government regulations.

The RFP was issued in accordance with Metro's Acquisition Policy and the contract type is a cost-plus fixed fee.

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

- Amendment No. 1, issued on May 5, 2015 revised the RFP's Submittal Requirements, Evaluation Criteria, and Form 60;
- Amendment No. 2, issued on May 22, 2015 revised the proposal due date;
- Amendment No. 3, issued on June 1, 2015 clarified the RFP's prevailing wage requirements and Form 60;
- Amendment No. 4, issued on June 11, 2015 revised the proposal due date;
- Amendment No. 5, issued on August 8, 2015 after receipt of proposals clarified the RFP's contract type, Form of Contract, and Compensation & Payment Provisions;

LACMTA held a Pre-Proposal conference on May 14, 2015, in the Palisades

Conference room on the 8th floor. There were approximately 34 representatives from numerous firms that signed-in at the pre-proposal conference. Nine proposals were received on June 19, 2015.

The proposal evaluation period was extended due to unforeseen circumstances related to one of the Proposal Evaluation Team member choosing retirement during the evaluation process. To maintain the integrity of the evaluation of all proposals Metro reengaged the retiree in November 2015, after a three months suspension of the evaluation process.

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

A Proposal Evaluation Team (PET) consisting of staff from Metro's Construction Management department and Metro's Engineering Department 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 Firm on the CMSS' Team 20%
- Staff Skills and Experience 50%
- Management Plan and Control 30%

The evaluation criteria are appropriate and consistent with criteria developed for other similar A&E procurements. Several factors were considered when developing these weights, giving the greatest importance to staff skills and experience.

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

Of the nine proposals received, all nine were determined to be within the competitive range. The nine firms within the competitive range are listed below in alphabetical order:

1. Athalye Consulting Eng. Services
2. Ghirardelli Associates
3. Kal Krishnan Consulting Services
4. MARRS Falcon JV
5. Michael Baker
6. Pre Science Corporation
7. Psomas
8. S2 Engineer
9. SYRUSA

From November 17, 2015, through November 19, 2015, the evaluation committee met and interviewed the firms. The firms' Project Manager, Resident Engineer, and

a maximum of 2 additional individuals from each firm were invited to attend the oral presentation. The firms were limited to present their Organizational Chart and Management Plan from their proposal. Each team was asked questions relative to their Organizational Chart and Management Plan.

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

#### **Athalye Consulting Services, Inc.:**

The PET determined that Athalye's proposal significantly exceeded the RFP's requirements based on its Management Plan. The Management Plan was comprehensive by providing a risk assessment of four issues and discussed its approach to implement the work process by creating a written Project Management Plan (PMP). The PET determined that based on Athalye's experience and insight to risks, that "risk" on this project will be extremely low and the probability of completing this project successfully is high by pointing out 4 risks this project may have: 1) efficiency and cost savings through Plan Certification and detail, 2) change order avoidance through Constructability review, 3) Utility conflicts along Project Critical Path, and 4) public convenience and safety. In addition, they proposed a written PMP which included 1) Project Work Plan/Staffing plan, 2) Project Organization and Control, 3) Contract Budget and Cost Control, 4) Construction Budget and Cost Control/ Risk Management, 5) Schedule Control, and 6) Consultant Services Quality Control. Athalye's proposal demonstrated its competence and knowledge of soundwall projects by listing examples of projects it has worked on, such as "Soundwall No. 5 and 7" with LACMTA. Ashok Athalye, proposed Principal in Charge, provided CMSS for Soundwall No. 5 and 7 on time and within budget. Nahro Saoud, proposed Resident Engineer, worked on a similar soundwall project on the "Muscat Expressway Sections 3 and 4", which was comprised of a 6-lane highway with 13 interchanges, 6 flyovers, 4 underpasses, 11 roundabouts, 133 box culverts, and 7 tech spans. The PET determined that Athalye's proposed staff for bridge widening field engineering and inspection services exceeded the RFP requirements by proposing staff that have been trained in Caltrans Office of Structure Construction (OSC) Policies and Procedures. Athalye performed satisfactory during the oral presentation by highlighting its Organization Chart and Management Plan, which were well developed and addressed. LACMTA's staff observed that the team members understand that communication is the key element. In addition, during the oral presentation, Athalye team members stressed the importance of partnering with all stakeholders to prevent adversarial atmosphere from developing in the project and to resolve issues quickly.

#### **Ghirardelli Associates:**

The PET determined that Ghirardelli's significantly exceeded the contract requirements based on its methods of delivering its services. Ghirardelli was comprehensive and thorough, addressing all contract requirements. Its Resident Engineer has extensive past experience with LACMTA soundwall projects, specifically Soundwall Nos. 6 and 8, and is thoroughly familiar with LACMTA and Caltrans policies and procedures. Ghirardelli demonstrated its abilities to assist

LACMTA in the timely completion of projects such as “Soundwall No. 6 at the I-405/I-605” interchange where it coordinated efforts between LACMTA, Caltrans, and the Contractor to develop a work plan where the staged work could be done during a weekend closure to minimize delays to the traveling public. Ghirardelli’s identified key elements to successfully complete projects on time and those elements are: 1) quality control testing/assurance; 2) readiness reviews as a tool before moving to the next phase of work; 3) fiber optic/utility coordination between Caltrans, LA County Department of Water and Power, LA County Department of Public Works, Southern California Gas, Edison, Verizon, and Sprint; 4) addressing long lead items and performing source inspections; 5) resourcing and inspection scheduling; 6) traffic control (COZEEP); and 7) safety.

Ghirardelli also provided examples of how it would assist LACMTA through its experience on completed “LACMTA Soundwall No. 6 and 8” and “Plant Maintenance”. During the pre-construction period, Ghirardelli noted its experience in performing constructability reviews, overseeing permits coordination, assisting in performing bid-opening services and assisting in reviewing bid packages in accordance with LACMTA, Caltrans LAPM, and funding requirements. During the construction phase, Ghirardelli conducted source inspection, maintained project files, oversaw contractors Quality Control plan in accordance with LACMTA Quality Assurance Plan, assisted with administrative change orders, and coordinated with designers and Caltrans oversight. After construction, Ghirardelli provided post-construction assistance by preparing semi and final payment estimates, finalized as-builts, closeout of Contract from Caltrans, and completed final documents and assistance in plant establishment. Moreover, Ghirardelli’s staff possesses soundwall construction management experience.

Ghirardelli oral presentation demonstrated the firm’s thorough understanding and approach of the project. During the oral presentation, Ghirardelli presented specific issues pertaining to Soundwall Package No. 11 such as its recommendation on fiber optics, 3rd party coordination and communication, Quality Assurance (Q/A) and Quality Control (Q/C) program, safety plan, and its source inspection approach to mitigate defective or non-confirming materials. In addition, the team presented a good Organization Chart that meets the Scope of Services requirements with additional staff requirement for source inspection and Q/A and Q/C. Additionally, LACMTA staff observed that the dynamic between the team members exceeded expectations as each member answered questions pertaining to their expertise and understood their roles.

**Kal Krishnan Consulting Services, Inc.:**

The PET determined that KKCS’s proposal substantially meets the RFP’s requirements. KKCS’s proposal demonstrated its competence and knowledge of CMSS by highlighting experiences on projects such as “Alameda Corridor Grade Separation Projects spanning between 1999 through 2001” and “As Needed Resident Engineers and Scheduler for LA County Department of Public Works in

2013". Its proposed subcontractor, AECOM worked on such projects as – Caltrans OSC On-Call Structure Construction and – SE-91 Westbound Improvements between SR-57 and I-5. These projects demonstrated AECOM's ability to coordinate between LACMTA, Caltrans, the Contractor, and local agencies. Based on KKCS's Management Plan, risk of unsuccessful contract performance is very low and there is a high probability of success.

**MARRSFALCON JV:**

The PET determined that MARRSFALCON JV's proposal substantially meets the RFP's requirements. Their proposed approach indicates a thorough understanding of the project. MARRSFALCON JV's proposal demonstrated competence and knowledge on CMSS by listing projects such as "The Patreo Canyon Project" for City of LA in 2015 and "Metro Bus Facilities Projects" for LACMTA through 2016. MARRSFALCON JV oral presentation both verbally and story boards were well prepared. Their Management Plan was concise. They were knowledgeable of the specifics of Soundwall Package No. 11 and discussed critical issues pertaining to this project.

**RBF Consulting, a Michael Baker Company:**

The PET determined that Michael Baker's proposal substantially meets the RFP's requirements. Michael Baker's proposed staff is technically qualified. Michael Baker has a record of successfully completing projects such as "SR-57 Northbound Widening Final PS&E" to provide final design for highway, bridge, retaining wall, soundwall, drainage, signing, stripping, electrical and fiber optic communication design elements along SR-57 for OCTA between 2008 through 2014 and currently working on "Caltrans District 12 On-Call Engineering Services" to provide on-call design, construction support services, land surveying and intelligent transportation systems support for LA County through 2016. Michael Baker has worked with agencies such as OCTA, City of Los Angeles, and Caltrans. Michael Baker's proposal demonstrates competence and knowledge of CMSS. Based on Michael Baker's Management Plan, risk of unsuccessful contract performance is very low and there is a high probability of success. Michael Baker oral presentation was good. They provided a thorough Organization Chart and Management Plan. The team presented its approach for pre-construction, construction, and post construction CMSS support work.

**S2 Engineering, Inc.:**

The PET determined that S2 Engineering's proposal substantially meets the RFP's requirements. S2 Engineering's proposal demonstrated it has reasonable experience for CMSS highway and soundwall projects. Additionally, S2 Engineering worked on "SANBAG I-215 Segment 1 & 2 Widening Project" in San Bernardino, CA which contains soundwall elements. The risk of unsuccessful contract performance is low based on their experience.

**Pre Science Corporation:**

The PET determined that Pre Science’s proposal meets the RFP’s requirements. The proposed approach indicates an adequate and sound understanding of the project. Pre Science’s written proposal demonstrated it has experience in highway soundwall projects. In addition, the proposed Project Manager worked on railroad projects. During the oral presentation, PreScience presentation was thorough and discussed their Organization Chart and Management Plan well. They presented the team’s role well and LACMTA staff observed a great working dynamics between the team members.

**Psomas:**

The PET determined that Psomas’ proposal meets the RFP’s requirements. Psomas’ proposed Management Plan is thorough and the firm has a great understanding of the RFP’s Work requirements. Psomas proposed staff has experience in management and engineering.

**SYRUSA:**

SYRUSA’s proposal demonstrated its ability to resolve construction problems during performance. Their proposed staff has good experience in construction management and has a strong technical background.

**Evaluation Summary:**

The PET ranked the proposals and assessed strengths, weaknesses and associated risks of each of the Proposers to determine the most qualified firm. The evaluation performed by the PET determined Ghirardelli Associates as the most qualified firm to provide the services as required in the RFP.

Evaluation Summary - November 20, 2015

1	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
2	<b>Ghirardelli Associates</b>				
3	Experience & Capabilities of Firms on the CMSS's Team	93.33	20.00%	18.50%	
4	Staff Skills & Experience	94.00	50.00%	47.17%	
5	Management Plan & Control	95.00	30.00%	28.64%	
6	<b>Total</b>		<b>100.00%</b>	<b>94.31%</b>	<b>1</b>
7	<b>Athalye Consulting Engineering Services</b>				
8	Experience & Capabilities of Firms on the CMSS's Team	89.00	20.00%	17.81%	

9	Staff Skills & Experience	91.00	50.00%	45.67%	
10	Management Plan & Control	91.00	30.00%	27.43%	
11	<b>Total</b>		<b>100.00%</b>	<b>90.91%</b>	<b>2</b>
12	<b>Kal Krishnan Consulting Services</b>				
13	Experience & Capabilities of Firms on the CMSS's Team	81.00	20.00%	16.29%	
14	Staff Skills & Experience	87.00	50.00%	43.71%	
15	Management Plan & Control	87.00	30.00%	26.04%	
16	<b>Total</b>		<b>100.00%</b>	<b>86.04%</b>	<b>3</b>
17	<b>Michael Baker</b>				
18	Experience & Capabilities of Firms on the CMSS's Team	84.00	20.00%	16.85%	
19	Staff Skills & Experience	86.00	50.00%	43.08%	
20	Management Plan & Control	82.00	30.00%	24.47%	
21	<b>Total</b>		<b>100.00%</b>	<b>84.40%</b>	<b>4</b>
22	<b>MARRS Falcon JV</b>				
23	Experience & Capabilities of Firms on the CMSS's Team	83.00	20.00%	16.53%	
24	Staff Skills & Experience	85.00	50.00%	42.42%	
25	Management Plan & Control	81.00	30.00%	24.26%	
26	<b>Total</b>		<b>100.00%</b>	<b>83.21%</b>	<b>5</b>
27	<b>S2 Engineer</b>				
28	Experience & Capabilities of Firms on the CMSS's Team	80.00	20.00%	16.07%	
29	Staff Skills & Experience	79.00	50.00%	39.71%	
30	Management Plan & Control	80.00	30.00%	23.90%	
31	<b>Total</b>		<b>100.00%</b>	<b>79.68%</b>	<b>6</b>
32	<b>Pre Science Corporation</b>				
33	Experience & Capabilities of Firms on the CMSS's Team	65.00	20.00%	13.04%	
34	Staff Skills & Experience	80.00	50.00%	39.79%	
35	Management Plan & Control	78.00	30.00%	23.53%	
36	<b>Total</b>		<b>100.00%</b>	<b>76.36%</b>	<b>7</b>
37	<b>Psomas</b>				
38	Experience & Capabilities of Firms on the CMSS's Team	72.00	20.00%	14.33%	
39	Staff Skills & Experience	77.00	50.00%	38.54%	
40	Management Plan & Control	69.00	30.00%	20.66%	
41	<b>Total</b>		<b>100.00%</b>	<b>73.53%</b>	<b>8</b>
42	<b>SYRUSA</b>				
43	Experience & Capabilities of Firms on the CMSS's Team	72.00	20.00%	14.34%	
44	Staff Skills & Experience	73.00	50.00%	36.58%	
45	Management Plan & Control	54.00	30.00%	16.23%	

46	Total		100.00%	67.15%	9
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### C. Cost/Price Analysis

The cost analysis included among other things (1) a comparison of Ghirardelli's 2013 rates under Contract No. PS100800-2640 for Construction Management Consultant Support For Soundwall Package No. 8; (2) labor rates of similar job titles from the Bureau of Labor Statistics; (3) compliance with both the Federal Acquisition Regulation (FAR) Part 31 guidelines and Generally Accepted Accounting Principles (GAAP); and (4) Metro's Independent Cost Estimates. Based on the findings of the cost analysis, Metro has negotiated cost plus fixed fee (CPFF) arrangement, which includes direct labor rates, overhead rates, general and administrative expenses, and fee. The overhead rates were established as a result of an audit performed by Metro Management Audit Services Department and will be audited annually throughout the life of the Contract as determined by the Contract Administrator for accuracy. Each Annual Work Plan (AWP) will include negotiated direct labor rates, overhead rates, general and administrative expenses, fee, and the hours for the level of effort to match the work.

An audit has been completed by Metro Management Audit Services Department (MASD) and no differences were identified in the proposed overhead rates. In accordance with FTA Circular 4220.1.F, if an audit has been performed by any other cognizant agency within the last twelve month period, Metro will receive and accept that audit report for the above purposes rather than perform another audit.

A fair and reasonable price for the AWP will be determined based upon a cost analysis, technical evaluation, fact finding, and negotiations, before issuing work to the Consultant.

Proposer Name	Proposal Amount	Metro ICE	Negotiated amount
Ghirardelli Associates	\$7,201,019.99	\$5,881,944.16	\$7,000,000.00

### D. Background on Recommended Contractor

The recommended firm, Ghirardelli Associates, Inc., located in Irvine, California, has been in business since 1999, providing construction management services to California cities, counties, regional transportation agencies, and Caltrans. A few of their regional clients include LACMTA, Orange County Transportation Authority (OCTA), Riverside County Transportation Commission (RCTC), Transportation Corridor Agencies (TCA), City of Anaheim, County of Los Angeles, and Caltrans Districts 7, 8, 9, 11, and 12.

Ghirardelli's Project Manager is a Professional Engineer and has over 30 years of experience in managing construction management support services for transportation agencies. He will be responsible for identifying and assigning key



personnel for the AWP, acting as liaison between Metro and the Ghirardelli team, and coordinating tasks and schedules.

Ghirardelli's Resident Engineer has over 26 years of experience in assisting local cities on paving and road reconstruction, managed soundwall projects for regional transportation authorities, and overseen large, state, and federal funded bridge projects. He is a Professional Engineer with extensive knowledge in previous construction management support services, including Metro's soundwall No. 6 and 8.