

## PROCUREMENT SUMMARY

PA/ED AND PS&E FOR SR-60/7<sup>th</sup> AVENUE INTERCHANGE IMPROVEMENT  
PROJECT/AE53204000

|    |   |  |
|----|---|--|
| 1. | <b>Contract Number:</b> AE53204000  |  |
| 2. | <b>Recommended Vendor:</b> Advantec Consulting Engineers, Inc.  |  |
| 3. | <b>Type of Procurement (check one):</b> <input type="checkbox"/> IFB <input type="checkbox"/> RFP <input checked="" type="checkbox"/> RFP-A&E<br><input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order |  |
| 4. | <b>Procurement Dates:</b>   |  |
|    | <b>A. Issued:</b> 4/27/18   |  |
|    | <b>B. Advertised/Publicized:</b> 4/27/18  |  |
|    | <b>C. Pre-Proposal Conference:</b> 5/10/18  |  |
|    | <b>D. Proposals Due:</b> 6/5/18   |  |
|    | <b>E. Pre-Qualification Completed:</b> 8/23/2018  |  |
|    | <b>F. Conflict of Interest Form Submitted to Ethics:</b> 6/6/18   |  |
|    | <b>G. Protest Period End Date:</b> 10/2/18  |  |
| 5. | <b>Solicitations Picked-up/<br/>Downloaded:</b> 69  | <b>Proposals Received:</b> 5             |
| 6. | <b>Contract Administrator:</b><br>Andrew Conriquez  | <b>Telephone Number:</b><br>213-922-3528 |
| 7. | <b>Project Manager:</b><br>Michelle Smith   | <b>Telephone Number:</b><br>213-922-3057 |

**A. Procurement Background**

This Board Action is to approve Contract No. AE53024000 issued to prepare the Project Approval and Environmental Document (PA/ED) and Plans, Specifications and Estimate (PS&E) for the construction of the SR60/7<sup>th</sup> Avenue Improvement Project. Board approval of contract award is subject to resolution of any properly submitted protest.

This Architectural and Engineering (A&E) qualifications based Request for Proposal (RFP) was issued in accordance with Metro's Acquisition Policy and the contract type is firm fixed price. The RFP was issued as part of Metro's Small Business Set-Aside Program.

A pre-proposal conference was held on May 10, 2018 and was attended by 18 people representing nine companies. There were 11 questions asked and responses were released prior to the proposal due date.

One amendment was issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on May 23, 2018, clarified changes to the Scope of Services in Exhibit A.

A total of 69 firms downloaded the RFP and were included in the planholders list. A total of five proposals were received on June 5, 2018.

**B. Evaluation of Proposals**

A Proposal Evaluation Team (PET) consisting of staff from Metro Highway Programs and Caltrans District 7 was convened and conducted a comprehensive technical evaluation of the proposals received.

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

- Firm/Team Qualifications 35 percent
- Project Manager, Key Staff & Subconsultants Qualifications 35 percent
- Project Understanding and Approach 15 percent
- Work Plan 15 percent

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 the Firm/Team Qualifications and Project Manager, Key Staff & Subconsultants Qualifications.

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

On June 25, 2018, the PET completed its independent evaluation of the proposals. Of the five proposals received, two were determined to be within the competitive range and are listed below in alphabetical order:

1. Advanced Civil Technologies
2. Advantec Consulting Engineers, Inc.

During the week of July 10, 2018, the evaluation committee met and interviewed the firms. The firms' project managers and key team members had an opportunity to present each team's qualifications and respond to the evaluation committee's questions. In general, both firms elaborated on their experience, their approach to the Project, cost-effective project delivery solutions, and discussed their plan and ability to meet the project schedule.

In addition, each firms' presentation addressed the requirements of the RFP, experience with all aspects of the required tasks, and stressed each firm's commitment to the success of the project. Also highlighted were staffing plans, work plans, and perceived project issues. Each team was asked questions relative to each firm's proposed alternatives and previous experience, and ability to coordinate between different public stakeholders.

## **Qualifications Summary of Recommended Firm:**

### **Advantec Consulting Engineers, Inc.**

Advantec Consulting Engineers, Inc. is a SBE/DBE firm specializing in civil engineering, traffic engineering and transportation planning and design. They have over 20 years of experience and have worked with public agencies such as Caltrans District 7, Orange County Transportation Authority, San Bernardino County Transportation Authority and the Port of Long Beach. Advantec Consulting Engineers, Inc.'s proposal and oral presentation demonstrated expertise in a wide range of services including experience in the planning and design of interchange improvements.

The proposal and oral presentation provided a detailed management plan that included a project organization chart and quality management system. The oral presentation also elaborated upon the approach to the Project, key issues, experience with required tasks, innovative/creative plans, streamlining ideas, and alternative designs as requested in the RFP.

Advantec Consulting Engineers, Inc. demonstrated a clear understanding of the requirements. It detailed key issues such as sensitive noise receptors, environmentally sensitive areas, drainage issues, commercial business impacts, accident rates, pedestrian safety, and traffic congestion from the unsignalized intersections and key ramps from SR60.

Advantec Consulting Engineers, Inc.'s alternative approaches to the Project provided details on design enhancements by installing signals, widening the ramps, extending the sound wall, and removing the median island for dual turn lanes. The proposed enhancements will result in reduced congestion, enhance traffic operations and improve safety in the area. In addition, Advantec Consulting Engineers, Inc. proposed a subcontractor who is working on the I605/SR60 Interchange Improvement Project. The proposed subcontractor will bring knowledge about the traffic projections and environmental impacts which will shorten the PA/ED phase by six months.

Final scoring determined that Advantec Consulting Engineers, Inc. is the highest qualified firm. Below is a summary of the scores in order of rank:

|    | Firm  | Weighted Average Score | Factor Weight  | Average Score | Rank     |
|----|---|------------------------|----------------|---------------|----------|
|    | <b>Advantec Consulting Engineers, Inc.</b>                |                        |                |               |          |
| 1  | Firm/Team Qualifications                                  | 86.77                  | 35.00%         | 30.37         |          |
| 2  | Project Manager, Key Staff, Subconsultants Qualifications | 85.05                  | 35.00%         | 29.77         |          |
| 3  | Project Understanding & Approach                          | 88.46                  | 15.00%         | 13.27         |          |
| 4  | Work Plan   | 85.13                  | 15.00%         | 12.77         |          |
| 5  | <b>Total</b>  |                        | <b>100.00%</b> | <b>86.18</b>  | <b>1</b> |
| 6  | <b>Advanced Civil Technologies</b>                        |                        |                |               |          |
| 7  | Firm/Team Qualifications                                  | 81.71                  | 35.00%         | 28.60         |          |
| 8  | Project Manager, Key Staff, Subconsultants Qualifications | 81.71                  | 35.00%         | 28.60         |          |
| 9  | Project Understanding & Approach                          | 83.33                  | 15.00%         | 12.50         |          |
| 10 | Work Plan   | 80.00                  | 15.00%         | 12.00         |          |
| 11 | <b>Total</b>  |                        | <b>100.00%</b> | <b>81.70</b>  | <b>2</b> |

### C. Cost/Price Analysis

The recommended price has been determined to be fair and reasonable based upon an independent cost estimate (ICE), cost analysis, technical analysis, fact finding, and negotiations. Significant cost savings resulted primarily from reduction in project management services and environmental tasks.

| Proposer Name                       | Proposal Amount | Metro ICE          | Negotiated         |
|-------------------------------------|-----------------|--------------------|--------------------|
| Advantec Consulting Engineers, Inc. | \$3,878,616.39  | <b>\$2,401,260</b> | <b>\$1,999,895</b> |

### D. Background on Recommended Contractor

The recommended firm, Advantec Consulting Engineers, Inc., located in Los Angeles, California has been in business for 20 years and is an SBE specializing in civil engineering, traffic engineering, and transportation planning and design. Advantec Consulting Engineers, Inc., has worked on over 120 local municipalities, regional transportation agencies, and state agency highway projects. These projects include the I-5/Grapevine PA/ED, I-10/University Interchange Improvements,

Caltrans On-Call Traffic Engineering, I-805 North HOV/BRT Design-Build in San Diego, Regional Traffic Signal Synchronization Project in Coachella Valley, I-15/Express Lanes Design-Build in and Westside Subway at I-405/Wilshire Boulevard.

The proposed project manager possesses over 35 years of engineering, transportation and project management experience that includes delivery of the PSR and PA/ED for the I-5/Grapevine Interchange, PS&E and PA/ED for the I-5/Wheeler Ridge Road, PS&E and PA/ED for the I-10/University Interchange Improvements, PS&E for SR91 Toll Lanes, PS&E for the I-5/SR91 Interchange, PS&E for the SR91 Toll Lanes/SR55, PSR/PR for I-405/Wilshire Boulevard and PSR for the I-605-Live Oak Interchange.