CITY OF CORONADO

Request for Proposals

for Professional Services

for the design of

Accessible Pedestrian Signals/Countdown Timers

Due by: November 8, 2012, no later than 2:00 p.m.

October 17, 2012

Introduction

The City of Coronado desires to install accessible pedestrian signals (APS) and countdown timers at all applicable traffic signals within the City. All of the traffic signals within the City are along the Orange Avenue/Silver Strand corridor and all but one are on State Route 75.

The Engineering and Project Development Department intends to enter into a Professional Services Contract with a qualified Civil or Traffic Engineering consultant to provide the analysis and design of APS and countdown timers at all signal locations which can accommodate them.

Background

There are 15 traffic signals in the City of Coronado; they are all located along the Orange Avenue/Silver Strand corridor at the following intersections:

1. Orange Avenue and First Street
2. Orange Avenue and Third Street
3. Orange Avenue and Fourth Street
4. Orange Avenue and Sixth Street
5. Orange Avenue and Eighth Street
6. Orange Avenue and Tenth Street
7. Orange Avenue and R.H. Dana Place/Adella Avenue
8. Orange Avenue and Pomona Avenue
9. Silver Strand and Avenida de las Arenas
10. Silver Strand and Rendova Road
11. Silver Strand and Tarawa Road
12. Silver Strand and Tulagi Road
13. Silver Strand and Leyte Road
14. Silver Strand and Loews Coronado Bay Road
15. Silver Strand and Coronado Cays Boulevard

All of the traffic signals are on State Route 75 with the exception of the signal at the intersection of Orange Avenue and First Street which is within the City's right of way.

Scope of Services

Analysis – The Consultant will analyze each signal location, intersection geometry, signal operation and phasing to determine if an APS and/or a countdown timer are suitable for the location. The Consultant shall work closely with Caltrans's Traffic Signal Engineer, Cindee Feaver (858-467-3056), to ensure all recommended locations for APS or countdown timers are acceptable for use in Caltrans' right of way.

Equipment – Based on the analysis, provide the City with various equipment options that would be suitable for the project. It is desirable to have uniform equipment used

throughout the project; however, different types may be considered for justifiable reasons. All equipment proposed must conform to the 2012 edition of the *California Manual on Uniform Traffic Control Devices* and be suitable for use in Caltrans' right of way. Based on consultation with the City, the Consultant shall select the equipment to be used.

Path of Travel – At all locations that are recommended for APS or countdown timers, the Consultant shall make a field visit to determine if the pedestrian ramps are ADA compliant. For those intersections that do not have ADA-complaint pedestrian ramps, the Consultant shall include bringing the pedestrian ramps into compliance with the American Disabilities Act and Caltrans design standards.

Traffic Control Plan – The Consultant shall develop a traffic control plan to allow the work to occur within Caltrans' right of way. The traffic control plan shall be subject to review and approval of Caltrans District 11.

Plans, Specifications and Cost Estimate – Based on the *Analysis, Equipment,* and *Path of Travel* efforts described above, the Consultant shall produce plans, specifications and cost estimates for the APS/countdown timers project. The Consultant shall submit copies of the plans, specifications and cost estimate at 30% complete, 90% complete, and 100% complete. The City shall review and provide comments to the Consultant to incorporate into the documents for each submittal. In addition, the plans and specifications will be submitted to Caltrans for an encroachment permit at the 90% submittal. All of Caltrans' comments shall be incorporated into subsequent submittals. Upon final approval of the encroachment permit by the Caltrans District 11 permit office, signed copies of the plans (on mylar) and specifications shall be submitted to the City for bidding. Electronic copies of all the documents shall also be submitted to the City (AutoCAD for plans; MS Word for the specifications).

Meetings – The Consultant shall plan to meet with City staff on at least three occasions to go over the submittals and review City comments. These meetings will take place at City Hall, located at 1825 Strand Way in Coronado.

Construction Services – The Consultant shall include a fee proposal to assist the City with construction services; these services include bid assistance and bid analysis, attendance at a pre-bid meeting, issuance of bid addenda, attendance at a preconstruction meeting, response to RFIs and as-built construction drawings.

Proposals

A copy of the proposal for Professional Services for the design of the Accessible Pedestrian Signal/Countdown Timers project shall be submitted to:

City of Coronado
Engineering and Project Development
1825 Strand Way
Coronado, California 92118

All proposals shall include the Consultant's approach to the project, firm's qualifications, experience with similar type projects with contact information, key personnel proposed for the work, and a proposed schedule. The proposal shall be clearly marked: Proposal for Accessible Pedestrian Signals/Countdown Timers with the Consultant's name, business address and phone number on the cover page. A fee proposal shall be submitted with the proposal in a separate sealed envelope marked: FEE PROPOSAL – APS/Countdown Timers with the Consultant's name and business address on the front of the envelope. Proposals shall be submitted to the above address no later than 2:00 p.m. on November 8, 2012.

For questions or additional information, please contact:

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