




August 7, 2017

To: Regional Planning and Highways Committee

From: Darrell Johnson, Chief Executive Officer 

Subject: Request to Exercise Second Option Term for On-Call Traffic Engineering Services

Overview

On October 13, 2014, the Orange County Transportation Authority Board of Directors approved agreements with four traffic engineering firms to provide consultant services for on-call traffic engineering for the Measure M2 Regional Traffic Signal Synchronization Program for three years, with two one-year option terms. An amendment to the existing agreements for execution of the second and final option term is requested for continued on-call traffic engineering services related to the implementation of three new signal synchronization projects.

Recommendation

Authorize the Chief Executive Officer to execute amendments to the following consultant agreements to exercise the second option term for on-call traffic engineering services: Agreement No. C-4-1804 with Albert Grover & Associates, Agreement No. C-4-1805 with DKS Associates, Agreement No. C-4-1316 with Iteris, Inc., and Agreement No. C-4-1806 with Kimley-Horn and Associates, Inc., in the total amount of \$8,400,031, and extend the term of the agreements through May 31, 2020. This will increase the maximum obligation for all the on-call firms for a total combined aggregate contract value of \$23,414,485.

Discussion

On October 13, 2014, the Orange County Transportation Authority (OCTA) Board of Directors (Board) approved a bench of four pre-qualified consultants to provide on-call traffic engineering support to OCTA. The consultants' scope of services supports OCTA's efforts in the implementation of multi-jurisdictional signal synchronization projects as part of the Measure M2 (M2) Regional Traffic Signal Synchronization Program (RTSSP). These services will provide support for three competitive calls for projects (call) in 2014, 2015, and 2016. A summary of projects from the 2014 and 2015 calls is included in Attachment A.

All RTSSP projects are designed to span over a minimum of three years. Approximately one year is allowed for data collection, design, analysis, and the implementation of new optimized coordination/synchronization timing. This is coupled with the installation of required control and communications infrastructure (primary implementation {PI} phase). Immediately following is a mandated two years for maintenance of the communications and detection systems, and monitoring of the new signal timing installed in the PI phase, known as ongoing monitoring and maintenance phase.

The projects are assigned to one of the pre-approved consultants through a negotiated contract task order on a rotational basis. The initial rotational sequence was determined by the relative scoring of the four consultants during the procurement process.

The 2016 call was approved by the Board on April 11, 2016. The 2016 call funded seven regionally significant projects. The respective applicant agencies requested that OCTA administer and implement three of these projects. These three corridors target 128 signalized intersections, spanning a total of 40 miles. These three projects will improve traffic flow by optimizing travel times on these high-volume corridors. Table 1 shows the three corridors and their respective details.

Table 1

Project Corridors – 2016 Calls – OCTA-Administered			
Arterials	Project Intersections	Project Miles	Participating Agencies
Brookhurst Street	58	16.7	6
El Toro Road	20	7.1	3
Magnolia Street	50	16.2	7

The 2016 call projects are programmed for fiscal year (FY) 2017-18. Each project takes three years to complete, and the request to extend the term from May 31, 2019 to May 31, 2020 takes the programmed year into account.

Procurement Approach

The original procurement was handled in accordance with OCTA's Board-approved procedures for architectural and engineering services that conform to both federal and state laws. On October 13, 2014, the Board approved the agreements with Albert Grover & Associates, DKS Associates, Iteris, Inc., and Kimley-Horn and Associates, Inc., for an initial term of three years, with two one-year option terms. The total maximum cumulative payment obligation of the initial term was \$4,000,000.

For the implementation of the 2015 call for Project P, Amendment No. 1 exercised the first option term for OCTA-administered projects, extended the agreements through May 31, 2019, and added funding, in the amount of \$11,014,454. With the approval of the respective amendments to each of the four consultants for Option Term No. 1, the total combined aggregate contract value for implementation of Project P projects administered by OCTA increased to \$15,014,454.

For the implementation of the 2016 call for Project P, the proposed respective amendments to each of the four consultants exercise the second and final option term for OCTA-administered projects, extends the agreements through May 31, 2020, and adds funding, in the amount of \$8,400,031. With the approval of the respective amendments to each of the four consultants, the total combined aggregate contract value for implementation of Project P projects administered by OCTA will be \$23,414,485.

Only three of the four firms on the on-call traffic engineering bench will be assigned signal synchronization projects as part of the 2016 call. However, the master agreement will be amended for all four firms to ensure that adequate capacity among the consultants exists to perform the work and project price negotiations are met.

Fiscal Impact

Funds for this project are included in OCTA's Planning Division FY 2017-18 Budget, 0017-7519-SP001-P57, and are funded through M2. These funds will be utilized to fund 80 percent of the cost for these projects. The participating agencies on each respective project are responsible for the required 20 percent of matching funds.

Summary

Staff is recommending the Chief Executive Officer negotiate and execute amendments to the respective cooperative agreements to exercise the second and final option term to: Agreement No. C-4-1804 with Albert Grover & Associates, Agreement No. C-4-1805 with DKS Associates, Agreement No. C-4-1316 with Iteris, Inc., and Agreement No. C-4-1806 with Kimley-Horn and Associates, Inc., in the total amount of \$8,400,031, for a total combined aggregate contract value of \$23,414,485, and to extend the term of the agreements through May 31, 2020, to implement projects in support of the M2 RTSSP.

Attachments

- A. History and Status of OCTA-led RTSSP Projects, Call for 2014 and 2015
- B. Albert Grover & Associates, Agreement No. C-4-1804 Fact Sheet
- C. DKS Associates, Agreement No. C-4-1805 Fact Sheet
- D. Iteris, Inc., Agreement No. C-4-1316 Fact Sheet
- E. Kimley-Horn and Associates, Inc., Agreement No. C-4-1806 Fact Sheet

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