




**September 2, 2021**

**To:** Regional Planning and Highways Committee

**From:** Darrell E. Johnson, Chief Executive Officer 

**Subject:** Amendments to On-Call Traffic Engineering and Intelligent Transportation Systems Services Agreements

### **Overview**

On January 13, 2020, the Orange County Transportation Authority Board of Directors approved agreements with four traffic engineering firms to provide consultant services for on-call traffic engineering and intelligent transportation systems services for the Measure M2 Regional Traffic Signal Synchronization Program for five years with two, one-year option terms. Amendments to the existing agreements are necessary for additional on-call services to implement recommendations approved as part of the 2021 Comprehensive Transportation Funding Program competitive call for projects.

### **Recommendation**

Authorize the Chief Executive Officer to negotiate and execute amendments between the Orange County Transportation Authority and the following consultants for on-call traffic engineering and intelligent transportation systems services agreements: Agreement No. C-9-1513 with DKS Associates, Agreement No. C-9-1810 with AGA Engineers, Inc., Agreement No. C-9-1811 with KOA Corporation, and Agreement No. C-9-1812 with Iteris, Inc., in a shared amount of \$10,547,425. This will increase the maximum obligation for all the on-call firms for a total combined aggregate contract value of \$15,875,425.

### **Discussion**

Competitive funding applications for the Measure M2 (M2) Regional Traffic Signal Synchronization Program (RTSSP) are submitted annually by local agencies. Local agencies may request that the Orange County Transportation Authority (OCTA) implement projects, subject to OCTA's concurrence. On January 13, 2020, OCTA Board of Directors (Board) authorized a bench of four consultants to provide on-call traffic engineering support to OCTA.

The consultants' scope of services includes support efforts in the implementation of multi-jurisdictional signal synchronization projects as part of the M2 RTSSP. These services will provide support for three competitive calls for projects (call) in fiscal years (FY) 2018-19, 2020-21, and 2021-22. A summary of projects from the FY 2018-19 and 2020-21 calls is included in Attachment A. There were no OCTA-led projects in FY 2019-20. 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 defined as primary implementation (PI) phase. Immediately following is a mandated two-year period for maintenance of the communications and detection systems and monitoring of the new signal timing installed in the PI phase.

The Board approved the FY 2020-21 call on May 10, 2021. The FY 2020-21 call funded three regionally significant projects with a total project cost of \$10,547,425. The respective applicant agencies requested that OCTA administer and implement all three projects, and the Board approved the negotiation and execution of cooperative agreements for these projects on August 9, 2021. These three corridors target 136 signalized intersections spanning a total of 33.5 miles. These three projects are intended to improve traffic flow by optimizing signal timing on these high-volume corridors. Table 1 shows the three corridors and their respective details.

Table 1

Project Corridors – FY 2020-21 Calls – OCTA-Administered			
Arterials	Project Intersections	Project Miles	Participating Agencies
First Street / Bolsa Avenue	55	13.1	5
Alton Parkway	50	12.8	2
Portola Parkway / Santa Margarita Parkway	31	7.6	3

#### 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 January 13, 2020, the Board approved the agreements with DKS Associates, AGA Engineers, Inc., KOA Corporation, and Iteris, Inc. for an initial term of five years, with two, one-year option terms. The total maximum cumulative payment obligation of the initial term was \$5,328,000.

The proposed amendments will add funding in the amount of \$10,547,425 for the implementation of the Project P 2021 call for the OCTA-administered projects. With the approval of these respective amendments to each of the four consultant contracts, the total combined aggregate contract value will be \$15,875,425.

**Fiscal Impact**

Funding for this project is included in OCTA's Planning Division FY 2021-22 Budget, Account No. 0017-7519-SP001-P57, and is 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 requests the Board of Directors authorize the Chief Executive Officer to negotiate and execute amendments between the Orange County Transportation Authority and consultant agreements for on-call traffic engineering and intelligent transportation systems services: Agreement No. C-9-1513 with DKS Associates; Agreement No. C-9-1810 with AGA Engineers, Inc.; Agreement No. C-9-1811 with KOA Corporation; and Agreement No. C-9-1812 with Iteris, Inc., in the total amount of \$10,547,425, for a total combined aggregate contract value of \$15,875,425 to implement projects in support of the Measure M2 Regional Transportation Signal Synchronization Program.

***Attachments***

- A. Orange County Transportation Authority, Regional Traffic Signal Synchronization Program Project Summary, Call for Projects 2019 – 2021
- B. DKS Associates, Agreement No. C-9-1513 Fact Sheet
- C. AGA Engineers, Inc., Formerly Performed by Albert Grover and Associates, Inc., Agreement No. C-9-1810 Fact Sheet
- D. KOA Corporation, Agreement No. C-9-1811 Fact Sheet
- E. Iteris, Inc., Agreement No. C-9-1812 Fact Sheet

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