



August 1, 2022

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer

A handwritten signature in blue ink, appearing to read "Darrell E. Johnson", is written over the "From:" line of the memo.

Subject: Request to Exercise Option Term 1 for 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 2022 Comprehensive Transportation Funding Program competitive call for projects.

Recommendations

- A. Authorize the Chief Executive Officer to execute Option Term 1 for the following firms to continue to provide on-call traffic engineering services for the Regional Traffic Signal Synchronization Program (Project P): DKS Associates (Agreement No. C-9-1513), AGA Engineers, Inc. (Agreement No. C-9-1810), KOA Corporation (Agreement No. C-9-1811), and Iteris, Inc. (Agreement No. C-9-1812), extending the term of the agreements by one year from their current respective end dates.

- B. 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: with DKS Associates (Agreement No. C-9-1513), AGA Engineers, Inc. (Agreement No. C-9-1810), KOA Corporation (Agreement No. C-9-1811), and Iteris, Inc. (Agreement No. C-9-1812), in a shared amount of \$9,384,583. This will increase the maximum obligation for all the on-call firms for a total combined aggregate contract value of \$25,260,008.

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Discussion

On January 13, 2020, 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 through 2025. The consultants' scope of services supports OCTA's efforts in implementing multi-jurisdictional signal synchronization projects as part of the Measure M2 (M2) Regional Traffic Signal Synchronization Program (RTSSP). These services will support the implementation of projects from three competitive calls for projects (call) in 2019, 2021, and 2022. A summary of projects from the 2019 through 2022 calls is included in Attachment A. There were no OCTA-led projects in 2020.

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 the required control and communications infrastructure (primary implementation {PI} phase). Immediately following is two years of maintenance of the communications and detection systems and monitoring of the new signal timing installed in the PI phase, known as the ongoing maintenance and monitoring phase.

The projects are assigned to one of the pre-approved consultants through a negotiated contract task order (CTO) on a rotational basis. The initial rotational sequence was determined by the relative scoring of the four consultants during the procurement process. Each CTO has a duration of three years to complete the project. The initial term of the contract was meant to cover projects in calls 2019, 2020, and 2021, but OCTA did not lead any projects in the 2020 call. Thus, a request to execute the first option term is requested to accommodate the CTO terms for the 2022 call.

The 2022 call was approved by the Board on May 9, 2022. The call funded five regionally significant projects with a total project cost of \$20,207,666. Three applications totaling \$9,384,583, requested that OCTA administer and implement the projects. These three corridors collectively target 97 signalized intersections, span 28.1 miles, and will improve traffic flow by optimizing signal timing on these high-volume corridors. Table 1 shows the three corridors and their respective details.

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Table 1

2022 Call – OCTA-Administered Project Corridors			
Project Corridors	Project Intersections	Project Miles	Participating Agencies
Bake Parkway and Rockfield Boulevard	33	8.9	3
Crown Valley Parkway	30	9.2	4
Moulton Parkway	34	10.0	3
Total	97	28.1	-

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.

On September 27, 2021, the Board approved an amendment to increase the maximum combined obligation for the on-call firms from \$5,328,000 to \$15,875,425 to support the 2021 call.

For the implementation of the projects approved as part of the Project P 2022 call, amendments to each of the four on-call consultants’ agreements is requested to increase the maximum obligation in the amount of \$9,384,583, resulting in a total combined aggregate contract value of \$25,260,008 for the implementation of Project P projects administered by OCTA.

Not all firms on the on-call traffic engineering bench will be assigned a signal synchronization project as part of the 2022 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 that project price negotiations are met.

Fiscal Impact

Funds for this project are included in OCTA’s Fiscal Year 2022-23 Budget, Account No. 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.

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Summary

Staff requests the Board of Directors authorize the Chief Executive Officer to negotiate and execute Option Term 1 and 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 \$9,384,583, for a total combined aggregate contract value of \$25,260,008 to implement projects in support of the Measure M2 Regional Transportation Signal Synchronization Program.

Attachments

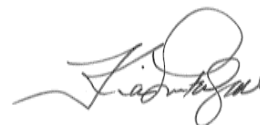
- A. Orange County Transportation Authority Regional Traffic Signal Synchronization Program Project Summary Call for Projects 2019 – 2022
- B. DKS Associates, Agreement No. C-9-1513 Fact Sheet
- C. AGA Engineers, Inc., Agreement No. C-9-1810 Fact Sheet
- D. KOA Corporation, Agreement No. C-9-1811 Fact Sheet
- E. Iteris, Inc., Agreement No. C-9-1812 Fact Sheet

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