



May 28, 2024

To: Members of the Board of Directors  For

From: Darrell E. Johnson, Chief Executive Officer 

Subject: Amendment to Agreement for the 405 Express Lanes and 91 Express Lanes Toll Lanes System Integrator Services

Overview

On February 26, 2018, the Orange County Transportation Authority Board of Directors approved a contract with Kapsch TrafficCom USA, Inc., to provide toll lanes system integrator services for the 405 Express Lanes and 91 Express Lanes. An amendment to the existing agreement is needed for additional services and equipment for both express lanes facilities.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 11 to Agreement No. C-7-1911 between the Orange County Transportation Authority and Kapsch TrafficCom USA, Inc., in the amount of \$3,965,452 for additional services and equipment for the 405 Express Lanes and 91 Express Lanes facilities. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$46,813,309.

Discussion

Kapsch TrafficCom USA, Inc., (Kapsch) is the toll lanes system integrator services provider for the 405 Express Lanes and 91 Express Lanes. As the toll lanes system integrator services provider, Kapsch is responsible for the design, development, testing, installation, and maintenance of a complete and integrated electronic toll and traffic management (ETTM) system. The ETTM system is comprised of several subsystems that capture and transmit fully formed trips to the back-office/account management system for customer account billing or violation processing. In addition, Kapsch provides and maintains the roadside systems, including the variable message signs for the 405 Express Lanes, as well as the closed-circuit television (CCTV) cameras for both express lanes facilities. Kapsch is also responsible for establishing and operating a traffic

operations center and providing staff to monitor incidents and traffic conditions on the 405 Express Lanes facility.

Additional CCTV cameras and traffic detector sites are required for the 405 Express Lanes to ensure coverage of the entire toll facility. In its original proposal, Kapsch initially included equipment and installation costs for 29 CCTV sites and 51 traffic detector sites. Upon further review of the ready for construction drawings and field verifications, it was later determined that additional CCTV cameras and traffic detectors were required to allow traffic operations center specialists sufficient detection and visibility to monitor the toll facility and dispatch freeway service patrol and/or the California Highway Patrol in case of incidents/accidents. As a result, additional equipment and installation costs are required for a total of 52 CCTV sites and 74 traffic detector sites. Due to the increase in the amount of equipment, additional maintenance services are required until the agreement expires in June 2028.

The current infrastructure supporting the CCTV cameras on the 91 Express Lanes has been in place for over a decade and requires an upgrade to bring the infrastructure up to code and to handle the additional electrical load for the new CCTV cameras that will be installed. New wiring between the service pedestals and the pole-mounted cabinets at the 91 Express Lanes CCTV locations will be upgraded and the receptables and service pedestals will be replaced in multiple locations.

Procurement Approach

The original procurement was handled in accordance with the Orange County Transportation Authority's (OCTA) Board of Directors (Board)-approved procedures for professional and technical services, which conform to both state and federal laws. On February 26, 2018, the Board approved an agreement with Kapsch for a term of ten years. The contract was issued with a maximum obligation of \$42,309,259. This agreement has been previously amended as shown in Attachment A.

OCTA staff reviewed and agreed to the level of effort for the additional equipment and services required. Staff found Kapsch's cost proposal, in the amount of \$3,965,452, to be fair and reasonable relative to the negotiated level of effort and the independent cost estimate prepared by the OCTA project management team.

Fiscal Impact

Funding for this amendment is included in OCTA's Fiscal Year 2023-24 Budget, 405 Express Lanes account nos. 0037-9028-A9510-GXM and 0037-7612-H0001-GXM and 91 Express Lanes Account No. 0036-9028-B0001-GXM.

Summary

Staff requests Board of Directors' approval to authorize the Chief Executive Officer to negotiate and execute Amendment No. 11 to Agreement No. C-7-1911, between the Orange County Transportation Authority and Kapsch TrafficCom USA, Inc., in the amount of \$3,965,452, for additional services and equipment for the 405 Express Lanes and 91 Express Lanes facilities. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$46,813,309.

Attachment

- A. Kapsch TrafficCom USA, Inc. Agreement No. C-7-1911 Fact Sheet

Prepared by:



Kirk Avila
General Manager,
Express Lanes Programs
(714) 560-5674



Pia Veaspen
Director, Contracts Administration
and Materials Management
(714) 560-5619