



March 27, 2024

To: Finance and Administration Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Amendment to the Preparation of Plans, Specifications, and Estimates for the 91 Express Lanes Toll Entrances Gantry Infrastructure Project Agreement

Overview

On February 25, 2019, the Orange County Transportation Authority Board of Directors approved a contract with Parsons Transportation Group, Inc. to prepare the plans, specifications, and estimates for the 91 Express Lanes Toll Entrances Gantry Infrastructure Project. An amendment to the existing agreement is needed to provide additional plans, specifications, and estimates.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 12 to Agreement No. C-8-2107 between the Orange County Transportation Authority and Parsons Transportation Group, Inc., in the amount of \$94,808, to provide additional plans, specifications, and estimates for the 91 Express Lanes Toll Entrances Gantry Infrastructure Project and to extend the term of the agreement through June 30, 2025. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$595,442.

Discussion

The Orange County Transportation Authority (OCTA) segment of the 91 Express Lanes has three entrances, two in the eastbound direction and one in the westbound direction. Kapsch TrafficCom USA, Inc., (Kapsch) is the toll lane system integrator for both the 91 Express Lanes and 405 Express Lanes, responsible for the design, installation, operations and maintenance of the electronic toll and traffic management (ETTM) system for both toll facilities. The 91 Express Lanes ETTM System Project includes replacement of the ETTM system, as well as the installation of additional toll reader equipment at the three entrances to the OCTA segment of the 91 Express Lanes.

The two eastbound entrance gantries have been in place since the mid-1990s and were replaced in order to meet the California Department of Transportation (Caltrans) standards. Additionally, a new westbound entrance gantry needed to be constructed. In 2019, OCTA entered into an agreement with Parsons Transportation Group, Inc., (Parsons) to prepare the plans, specifications, and estimates for the 91 Express Lanes Toll Entrances Gantry Infrastructure Project (Project) in preparation for Kapsch to install the additional equipment at the gantries. In 2020, an agreement was executed between OCTA and Caltrans to advertise, award, and administer an agreement for the construction of the three new gantry overhead structures for the 91 Express Lanes. Caltrans completed the construction of the westbound entrance gantry and turned over the site to Kapsch for the installation of the westbound entrance gantry equipment. The westbound entrance gantry equipment installation was completed in 2023.

During the implementation of the 405 Express Lanes ETTM system, it was realized that changes to the initial electrical design were required to deploy the system. Since the 405 Express Lanes and 91 Express Lanes are utilizing the same technologies and ETTM system, these changes must also be made to the electrical design for the 91 Express Lanes eastbound entrances. An amendment is needed for Parsons to prepare the electrical design plan sheets. Caltrans has completed construction of the two eastbound entrance gantries and is currently going through punch-list items prior to site turnover to Kapsch. The electrical work is outside of Caltrans' scope.

Procurement Approach

The original procurement was handled in accordance with OCTA's Board of Directors (Board)-approved procedures for architectural and engineering services, which conform to both state and federal laws. The original firm-fixed price agreement was issued on June 12, 2019, in the amount of \$364,495. This agreement has been previously amended as shown in Attachment A.

OCTA staff negotiated with Parsons the required level of effort to provide the additional design services required through June 30, 2025. Staff found Parsons' cost proposal, in the amount of \$94,808, to be fair and reasonable relative to the negotiated level of effort and the independent cost estimate prepared by the OCTA project manager. Proposed Amendment No. 12 to Agreement No. C-8-2107, in the amount of \$94,808, will increase the total contract value to \$595,442.

Fiscal Impact

The additional funding for the project is included in OCTA's Fiscal Year 2023-24 Budget, 91 Express Lanes, Account No. 0036-7519-B3250-TDV and is funded with toll revenues.

Amendment to the Preparation of Plans, Specifications, and Estimates for the 91 Express Lanes Toll Entrances Gantry Infrastructure Project Agreement **Page 3**

Summary

Staff requests Board of Directors' approval to authorize the Chief Executive Officer to negotiate and execute Amendment No. 12 to Agreement No. C-8-2107 between the Orange County Transportation Authority and Parsons Transportation Group, Inc., in the amount of \$94,808, to provide additional plans, specifications, and estimates for the 91 Express Lanes Toll Entrances Gantry Infrastructure Project and to extend the term of the agreement through June 30, 2025. This will increase the maximum obligation of the agreement to a total contract value of \$595,442.

Attachment

- A. Parsons Transportation Group, Inc., Agreement No. C-8-2107 Fact Sheet

Prepared by:



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



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