



CITY OF COMMERCE AGENDA REPORT

TO: Honorable City Council

Item No. _____

FROM: City Manager

SUBJECT: A Resolution of the City Council of the City of Commerce, California, Approving the Fifth Amendment to the Professional Service Agreement between the City of Commerce and Stantec Architecture Incorporated.

MEETING DATE: March 12, 2024

RECOMMENDATION

Approve the Fifth Amendment to the Professional Service Agreement between the City of Commerce and Stantec Architecture Incorporated for architecture and engineering services.

BACKGROUND

The City executed a professional service agreement with Stantec Architecture Incorporated (Stantec) on August 17, 2021.

Stantec has completed 90% design concept for the Transit Maintenance Facility (TMF), and the additional scope of services outlined in Amendment #5 is required to complete the final design phase for the TMF project.

As part of Amendment #5, Stantec provided the following additional services for geotechnical, associated structure coordination, and added/modified vehicle maintenance equipment. The additional Geotech scope was due to the need to remobilize and reschedule drillers to the site location. The repeated rescheduling resulted in delays in soil information submitted to the structural team, which required further coordination and redesign. These issues were outside of the design team's control; therefore, inducing additional hours and expenses that were not included in their scope of work.

The additional scope of work included:

Geotechnical:

- Recoup lost time and labor cost for two additional site visits to mark boring locations, call USA, coordinate clearance with the City to perform additional drilling and re-perform two additional geophysical surveys.
- Visit the site one (1) day prior to beginning of drilling to ensure the drilling locations were not moved or disturbed.

- Recoup lost time and labor costs for one day's worth of cancelling drilling work on July 31, 2023, and additional mobilization fee from drilling performed on October 10, 2023.
- Remark, notify USA, perform geotechnical survey at DBY23-04, which was unable to drill due to underground concrete in the designated area.
- Perform six (6) corrosion tests on samples from 30 to 80 feet deep to assess suitability for deep foundations.

Structural:

The unforeseen delays in fieldwork resulted in delays in receiving updated recommendations by Diaz-Yourman. As such, significant rework was required of the design based on the new recommendations provided by Diaz-Yourman. Specifically, it was determined that the upper layer of clay soils is susceptible to large amounts of settlement and that deep foundations will be the most feasible system, instead of the shallow spread footing system previously pursued. Additionally, the weak clay soils require reconsideration of the slab on grade design for heavy loading and for equipment support pads.

Added/Modified Vehicle Maintenance Equipment:

- Three (3) axle scissor lift – modify from 2-axle.
- VIS check: road simulator – @ inspection bay.
- VIS -tire cleaner, polish – add @ tire shop /parts room.
- CNC plasma cutter, torchmate –size doubled @ fabrication shop.
- CNC waterjet, wazer – add @ fabrication shop.
- Battery storage – moved outside of parts room.
- Battery charger – moved outside of parts room.
- Armed rack - add @ garage underneath ramp.
- Sheet metal rack – add @ garage underneath ramp.
- Filter crusher – add @ lube room.
- Bridge jack lift pocket – add @ three (3) maintenance bays.
- Spot free system, apollo wash – add @ bypass lane.
- ATF-2 tank addition – add @ lube room.

ANALYSIS

The above geotechnical-related tasks are required to complete the final design phase for the new transit maintenance facility project.

COST BREAKDOWN

Coordination and Review of Updated Geotechnical Report	\$ 42,447
Rescheduling Geotechnical Soil Testing and Equipment Rental	\$ 79,696
Additional Site Visits to Identify and Mark Locations for Drilling	<u>\$ 3,672</u>
	\$125,815

FISCAL IMPACT

Project Budget – Architecture and Engineering Services	\$ 2,101,648
Amendment #2	\$ 75,371
Amendment #3	\$ 569,109
Amendment #4	\$ 44,454

Contingencies (10%):	\$ 210,164
Project Management and Coordination (Transtech) (10%)	\$ <u>210,164</u>
Sub-Total:	\$ 3,210,910
Amendment #5	\$ 125,815

Project Total **\$ 3,336,725**

The project's architecture and engineering services, including Amendment #5, shall be covered 100% with Federal 5307 Funds, Grant # CA-2022-135-00, and have no impact on the City's operating budget.

This project has been approved by the Southern California Association of Governments (SCAG), Los Angeles County Metropolitan Authority (Metro), and the Federal Transportation Administration (FTA); and is included as part of the regional Federal Transportation Improvement Plan (FTIP - Project ID: LAOG1295).

RELATIONSHIP TO STRATEGIC GOALS

This agenda item relates to the 2016 Strategic Plan - Goal #6: "Enhance Quality of Life Goal,"; this project helps the City move one step closer to building affordable homes in the community, improving the quality of life in Commerce.

ALTERNATIVES:

1. Approve staff's recommendation.
2. Reject staff's recommendation.
3. Provide staff with alternate or further direction.

Prepared and recommended by: Claude McFerguson, Director of Transportation
 Fiscal impact reviewed by: Vilko Domic, Assistant City Manager
 Approved as to form: Noel Tapia, City Attorney

Attachments:

1. Resolution
2. Stantec Agreement – Amendment #5