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Title: Approve the Third Amendment to the professional consultant agreement with Stantec Architecture, Inc., to redesign the 65 percent electric bus charging infrastructure design documents to accommodate primary electrical service through PG&E EV Fleet Program in the amount of \$73,987 and authorize the Director of Transportation or designee to execute all related documents

Sponsors: Department of Transportation

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Attachments: 1. Third Amendment to Stantec Agmt.pdf

Date	Ver.	Action By	Action	Result
11/7/2019	1	City Council	approved	

REPORT TO THE CITY COUNCIL

November 7, 2019

FROM: GREGORY A. BARFIELD, Director
Department of Transportation

BY: BRIAN BARR, Assistant Director
Department of Transportation

BRIAN CETTI, Capital Development Specialist
Department of Transportation

SUBJECT

Approve the Third Amendment to the professional consultant agreement with Stantec Architecture, Inc., to redesign the 65 percent electric bus charging infrastructure design documents to accommodate primary electrical service through PG&E EV Fleet Program in the amount of \$73,987 and authorize the Director of Transportation or designee to execute all related documents

RECOMMENDATION

Staff recommends Council approve the Third Amendment to the professional consultant agreement with Stantec Architecture, Inc., (Stantec) to redesign the 65 percent electric bus charging infrastructure design documents to accommodate primary electrical service through PG&E EV Fleet

Program in the amount of \$73,987 and authorize the Director of Transportation or designee to execute all related documents.

EXECUTIVE SUMMARY

The Department of Transportation (FAX) seeks the approval of a Third Amendment to an Agreement with Stantec to redesign 65 percent design development drawings to coordinate with PG&E new electric vehicle readiness program, EV Fleet. This program will provide 12KV primary electrical utility service to the FAX bus yard to support the Electric Bus Charging Project. This program enables PG&E to upgrade utility infrastructure to support the FAX electric bus charging needs at no cost to FAX. The additional costs for professional engineering services is offset by the substantial savings resulting in eliminating infrastructure costs and rebates offered by PG&E to purchase electric bus charging equipment and transit vehicles. This scope change has been requested by FAX due to the immediate overall project savings and the long term benefits offered by the PG&E EV Fleet Program.

BACKGROUND

FAX entered into a consultant agreement with Stantec on April 19, 2018, to provide design and engineering services for the Facilities Improvement Project. The scope of the project covers improvements being made to the existing Bus facilities located at 2223 G Street. Such improvements include upgrades to the fire alarm system, new fare collection building, expansion of the existing bus wash area, replacement of end-of-life bus cleaning equipment, bus entry gate reconfiguration, electric bus charging infrastructure, and redesign of the employee parking area. These improvements are all intended to make the facilities safer and provide better service to customers.

The Electric Bus Charging Project will provide FAX with the ability to charge up to 23 zero emission electric buses simultaneously and is intended to support FAX electric bus fleet charging needs over the next ten (10) years. Through the PG&E EV Fleet Program, the utility will provide 3MW of primary electrical service at no cost to FAX. This program was launched after the bus charging infrastructure 65 percent design documents were completed and design was based upon fewer bus chargers and secondary electrical service (lower voltage) from PG&E. The additional costs of Stantec professional engineering services is offset by the substantial savings by eliminating infrastructure costs from the project budget and the rebates offered by the EV Fleet Program to purchase electric bus charging equipment and transit vehicles. Overall, this change will result in a significant cost savings to the project. Additionally, changing to primary electrical service will enable FAX to reasonably expand the zero emission electric bus fleet beyond 23 vehicles in future projects.

In November 2018, Council approved the First Amendment to provide additional design and engineering services necessary to replace the FAX Administration Building HVAC equipment and expand network and security requirements. In August 2019, Council approved the Second Amendment to separate the HVAC equipment replacement as a stand-alone construction project.

The City Attorney has reviewed the Amendment and approved it as to form.

ENVIRONMENTAL FINDING

This is not a “project” for the purpose of CEQA pursuant to CEQA Guidelines Section 15378.

LOCAL PREFERENCE

Local preference was not considered as this is an Amendment being sought for an existing contract.

FISCAL IMPACT

No general fund dollar will be utilized to fund this Amendment. This Amendment will be funded from State Prop1b PTIMSEA, FTA 5339 and FTA 5307 grants.

Attachment:

Third Amendment to Stantec Architecture Agreement