Staff Report Details (With Text)

File #:	22-326	**Version:**	1	**Name:**	Approval of Final Plans and Specifications and Authorization to Publish a Notice Inviting Bids for Jefferson Blvd Traffic Signal Communication Improvements between Duquesne Ave and Overland Ave
Type:	Minute Order			**Status:**	Consent Agenda
File created:	9/21/2021			**In control:**	City Council Meeting Agenda
On agenda:	10/25/2021			**Final action:**	
Title:	CC - Approval of Final Plans and Specifications and Authorization to Publish a Notice Inviting Bids for Jefferson Boulevard Traffic Signal Communication Improvements Project, between Duquesne Avenue and Overland Avenue (Part of Culver City Bus Signal Priority System WLAN Communications Equipment Installation)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	1. Jefferson Blvd Specs Bid #2222				

Date	Ver.	Action By	Action	Result

CC - Approval of Final Plans and Specifications and Authorization to Publish a Notice Inviting Bids for Jefferson Boulevard Traffic Signal Communication Improvements Project, between Duquesne Avenue and Overland Avenue (Part of Culver City Bus Signal Priority System WLAN Communications Equipment Installation)

Meeting Date: October 25, 2021

Contact Person/Dept: Hong Wang/Public Works
Phone Number: 310-253-5604

Fiscal Impact: Yes [] No [X] **General Fund:** Yes [] No [X]

Public Hearing: [] **Action Item:** [] **Attachments:** []

Commission Action Required: Yes [] No [] **Date:**

Public Notification: (E-Mail) Meetings and Agendas - City Council (10/20/2021);

Department Approval: Charles D. Herbertson, Director of Public Works/City Engineer (10/15/2021)

RECOMMENDATION

Staff recommends the City Council approve the final plans and specifications and authorize the publication of a notice inviting bids for the construction of the Jefferson Boulevard Traffic Signal Communication Improvements Project, between Duquesne Avenue and Overland Avenue (part of Culver City Bus Signal Priority System WLAN Communications Equipment Installation).

BACKGROUND/DISCUSSION

The Bus Signal Priority System (BSP System) provides wireless signal priority to Transportation Department Buses at signalized intersections in the City to increase operational efficiency and travel time savings.

On September 9, 2019, the City Council approved a construction contract with Econolite Systems, Inc. in an amount not-to-exceed $290,941 for the Culver City Bus Signal Priority System WLAN communications Equipment Installation Project, which includes the installation and maintenance of the BSP System equipment in the public right-of-way. This project was completed in 2020.

However, due to the existing aging traffic signal communication, additional improvement is required to provide reliable BSP functionality. Staff identified converting the signal interconnect system from copper wiring to fiber optic cable along Jefferson Boulevard between Duquesne Avenue and Overland Avenue as a priority task.

Iteris, the original consultant for the BSP WLAN project developed the plans and specifications for the communication improvement.

FISCAL ANALYSIS

There is no fiscal impact to release the project for bids. Staff will provide further fiscal analysis after the bids are opened and when contract award is considered by the City Council. Funding of this project will mostly come from the Transportation Department budget (Account # 20370100.619800) and the remaining funding will come from Traffic Signal Upgrade Project, PZ-429. (Account# 420.619800.PZ429)

ATTACHMENTS

1. Final plans
2. Final specifications

MOTION

That the City Council:

Approve the final plans and specifications and authorize the publication of a notice inviting bids for the Construction of Jefferson Boulevard Traffic Signal Communication Improvements between Duquesne Avenue and Overland Avenue (part of Culver City Bus Signal Priority System WLAN

Communications Equipment Installation).

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