FORM GEN. 160 (Rev. 11-02)

CITY OF LOS ANGELES
INTERDEPARTMENTAL CORRESPONDENCE

Date: March 17, 2022

To: Proposition O Citizens Oversight Advisory Committee (COAC)
Proposition O Administrative Oversight Committee (AOC)

From: Christopher F. Johnson, PE, GE
Principal Civil Engineer
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Subject: **REQUEST FOR PROPOSITION O FUNDING TO CONSTRUCT A SUPERVISORY CONTOL AND DATA ACQUISITION (SCADA) COMMUNICATION SYSTEM FOR THE WESTWOOD NEIGHBORHOOD GREENWAY SCADA PROJECT (WESTWOOD SCADA PROJECT)**

RECOMMENDATIONS

1. Approve a budget in the amount of $400,000 for the Westwood SCADA Project.

2. Approve the transfer of funds from the Proposition O Program Contingency to the project account to fund the project in the amount of $400,000.

3. Authorize the Bureau of Engineering (BOE), in coordination with LA Sanitation and Environment (LASAN), to fully develop and implement the Westwood SCADA Project.

4. Authorize the City Administrative Officer, in coordination with the Proposition O Implementation Manager of BOE and the Proposition O Planning Manager of LASAN, to make technical corrections, as necessary, to the transaction included in this memorandum.

BACKGROUND

The Westwood Neighborhood Greenway Project (Westwood Project) was completed in December 2020. The Westwood Project is located adjacent to the Exposition Light Rail line at the Westwood/Rancho Park Station. The Westwood Project provides treatment of urban runoff for dry and wet weather flows from drainage areas surrounding the project site.

The components of the Westwood Project include a diversion structure at the existing storm drain in Overland Avenue, a sand filter, two bioswales, two pump stations, two hydrodynamic separators, native and drought tolerant landscaping, interpretive signs, and electrical and instrumentation control components.

The Westwood Project diverts dry-weather flow from the storm drain in Overland Avenue to capture runoff from 2400 acres of drainage area. Diverted stormwater is lifted to the project bioswales for physical and biological treatment by flowing through various plant communities, soil medium, and through exposure to sunlight.

The Westwood Project pump stations are currently operating locally under Programmable Logic Controllers (PLCs); however, LASAN requires remote monitoring and control of the pump stations from the Distributed Control System (DCS) located at the Venice Pumping Station. The original scope of the Westwood Project included a SCADA communication system to provide remote monitoring and control of the project pump stations from the Venice Pumping Station. Due to delays in implementing the SCADA communication system, it was decided to defer the SCADA communication system to this Westwood SCADA Project.

This Westwood SCADA Project will construct the SCADA communication system to allow remote monitoring and control of the project pump stations from the Venice Pumping Station.

SCHEDULE

Task	**Start**	**End**
Design	7/1/22	12/30/22
Bid and Award	1/1/23	6/30/23
Construction/Implementation	7/1/23	6/30/24