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May 3, 2019

The Honorable Bob Blumenfield, Chair
Public Works and Gang Reduction Committee
Los Angeles City Council

c/o Michael Espinosa
Office of the City Clerk
Room 395, City Hall
Los Angeles, CA 90012

COUNCIL FILE NO. 18-0600-S69: ANTICIPATED COMPLETION DATE FOR THE CITY HALL EAST ELECTRICAL UPGRADE PROJECT AND THE NUMBER OF ELECTRIC VEHICLE CHARGING STATIONS THAT WILL BE MADE AVAILABLE

On May 21, 2018, during the Budget Hearing, the following request was made:
Pursuant to adoption of the Mayor's 2018-19 Budget on May 21, 2018, Council File Number: 18-0600-S69 - Instruct the Bureau of Engineering to report to the Public Works and Gang Reduction Committee on the anticipated completion date for the City Hall East electrical upgrade project and the number of Electric Vehicle charging stations that will be made available.

DISCUSSION

There are two separate projects being constructed at City Hall East (CHE) which are: 1) the CHE Electrical System Upgrade Project; and 2) the CHE Electric Vehicle (EV) Infrastructure Project. At this time, the power for the CHE EV Infrastructure project is temporarily connected to the Civic Center's L.A. Mall transformer, and the City will be requesting that the Los Angeles Department of Water and Power (LADWP) provide a separate, dedicated electric service for the CHE EV's. This means that the CHE EV Infrastructure project does not impact the power needs for the CHE Electrical System Upgrade project.

The status of each project is provided below.

1. **CHE Electrical System Upgrade Project** – On May 31, 2018, the Bureau of Engineering (BOE) provided an update to the Municipal Facilities Committee (MFC) on this project. The current scope of work is to evaluate the electrical and mechanical



infrastructure of CHE, and to provide a design for the necessary modifications to achieve a reliable, robust system to serve all the users' needs. As stated above, this project does not have an impact, in terms of power needs, on the CHE EV Infrastructure project. The CHE Electrical System Upgrade project is in the pre-design phase. BOE is working with the Municipal Facilities Committee to update the project cost estimate and anticipated timeline, in pursuit of an authorization to start the design process.

2. CHE EV Infrastructure Project – The Department of General Services (GSD) is managing the EV project, and GSD has retained a vendor as the design-build (D-B) contractor. BOE's role for the EV project is to provide technical support to GSD, by reviewing the engineering design of the D-B contractor, attending design and construction meetings, and responding to technical questions related to the project.

The CHE EV Infrastructure project consists of the installation of 134 Level 2 electric vehicle supply equipment (EVSE) charging stations. Level 2 EVSE charging stations (208V, 1-phase) have much faster charging capability compared to Level 1 EVSE charging stations (120V, 1-phase). Currently, there are eleven (11) existing operational Level 1 EVSE charging stations located at the CHE Underground Parking Structure, P2 level, that will be replaced with new Level 2 EVSE charging stations as part of this project. Out of 134 EVSE charging stations, there are already four (4) operational motor pool/fleet EVSE charging stations located at the CHE Underground Parking, P1 level. As summarized below, the number of EVSE charging stations to be located in the CHE parking structure are itemized, as is the completion dates of the remaining 130 Level 2 EVSE charging stations. Eleven (11) will be for the public, 68 will be for City employees with 27 of these shared with visitors, and 55 will be for City vehicles.

STATUS OF CITY HALL EAST EV CHARGING STATIONS

LOCATION	NO. OF EVSE CHARGING STATIONS	STATUS	ANTICIPATED COMPLETION DATES
Visitor Parking at Mall, Parking P1 Level	11	Construction completed, under Final inspection	May 15, 2019
Visitor and City Employee Parking on P2 Level	27	Construction completed, under Final inspection	May 15, 2019
City Employees Parking at Mall, Parking P3 Level	18	Construction completed, under Final inspection	May 15, 2019
City Employees Parking at Mall, Parking P4 Level	23	Construction completed, under Final inspection	May 15, 2019
Motor Pool/Fleet Parking at Parking P1 Level	35	Four (4) EVSE charging stations are completed and currently in operation.	Operational

		Thirty-one (31) EVSE charging stations - Construction completed, under Final inspection	May 15, 2019
Fire Dept. parking at Parking P2 Level	20	Construction completed, under Final inspection	May 15, 2019
TOTAL	134		

If you have any questions, please contact Mahmood Karimzadeh at (213) 485-4282.

Respectfully submitted,



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Gary Lee Moore, PE, ENV SP
City Engineer

GLM/DW

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