

South Bay Cities Council of Governments

October 11, 2021

TO: SBCCOG Steering Committee

FROM: Jacki Bacharach, SBCCOG Executive Director

RE: SBCCOG Participation as sub-contractor to MOEV CEC Epic Award

Adherence to Strategic Plan

- *Goal A: Environment, Transportation and Economic Development.* Facilitate, implement and/or educate members and others about environmental, transportation and economic development programs that benefit the South Bay.
- *Goal B: Regional Advocacy.* Advocate for the interests of the South Bay

Background

In January 2021, the SBCCOG was approached by Rajit Gadh and his UCLA Engineering Team to participate in a CEC EPIC (California Energy Commission Electric Program Investment Charge) grant application. The application would be led by MOEV, Inc. - a company founded by UCLA's engineering team which authored and developed smart (EV) charging technology. MOEV's technology enables user-friendly, scalable and economically deployable electric vehicle charging infrastructure for commercial customers, specifically bus, truck, van or car fleet operators.

The project application's goal was to apply MOEV smart charging technology for use by Gardena Transit's (GTrans) 13 battery electric buses (BEBs). The technology would then demonstrate machine based artificial intelligence (AI) to optimize management of EV charging for Medium/Heavy-Duty electric vehicles (buses). The research, if successful, would demonstrate opportunities to improve scheduling for charging - minimizing energy costs for operating expenses while maximizing utilization of existing charging infrastructure.

CEC grant application guidelines required a "community outreach" task for all successful applications. As such, the MOEV Team approached the SBCCOG for assistance with this role. A \$15,000 scope of work was prepared and included as part of the MOEV Team's application in January.

In May 2021, the MOEV was awarded the CEC EPIC grant with a term that will begin this Fall and end in June 2024. The SBCCOG's role will be to assist the Project Team as described in the following Scope of Work (see below). The SBCCOG outreach work is anticipated to begin in January 2022.

Scope of Work – Community Outreach and Education

The goal of this task is to provide engagement and outreach and education to neighborhood community residents about the benefits of electric power mobility – lower pollution, lower cost of electricity, less noise from electric transportation, increased clean energy in the grid, a more reliable electric grid, and reducing climate change.

1. Identify and compile a list of Community-Based Organizations (CBOs) and public sector agencies, establish Outreach Contact Database, Outreach/Education Calendar, Coordinate and schedule Outreach Events and create an Outreach/Education Solicitation Matrix
2. Prepare a Gardena Community Outreach Report that presents the results of the CBO and Public Sector Outreach Database, Outreach/Education, Solicitation Matrix, Outreach/Education Calendar Products
3. Support MOEV Inc. by providing documents and material for inclusion in the following reports:
 - a. Monthly Progress Report and Invoices
 - b. Final Report
 - c. Project Performance Metrics Results

Recommendation:

That the Board approve SBCCOG's contract as a community outreach "sub-contractor" for the MOEV CEC EPIC award.

Prepared by Aaron Baum