



**Contra
Costa
County**

To: Board of Supervisors

From: TRANSPORTATION, WATER & INFRASTRUCTURE COMMITTEE

Date: October 6, 2015

Subject: Bay Area Air Quality Management District Electric Vehicle Charging Equipment Grant Programs

RECOMMENDATION(S):

ADOPT Resolution No. 2015/341 authorizing the Conservation and Development Director, or designee, to apply for and to accept "Charge!" grant program and Electric Vehicle Charging Station Demonstration Program funds in an estimated amount of \$44,000 from the Bay Area Air Quality Management District ("BAAQMD") for the purpose of installing electric vehicle charging stations at various County buildings for the FY 2015/16 period.

FISCAL IMPACT:

The Public Works and Conservation Development Departments will initially be expected to cover the full cost of installing electric vehicle charging equipment on their site(s). The full cost is not expected to exceed \$30,000 per site for a total estimate of \$120,000 (includes cost of trenching, wiring, conduit, installation of equipment). "Charge!" offers a maximum award of \$3,000 per Level 2 charger (dual port charging stations are considered two chargers) and up to \$11,000 for a Level 2 charger in the Electric Vehicle Charging Station Demonstration Program. The maximum amount of grant funding that can be applied for is \$44,000 (36%). The County's costs to install charging equipment will be covered with Measure J (32%) and Gas Tax Revenue funds (32%) from the approved budgets of the Public Works and Conservation and Development Departments.

☒ APPROVE

☐ OTHER

☐ RECOMMENDATION OF CNTY ADMINISTRATOR

☒ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **10/06/2015** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I Supervisor
Candace Andersen, District II Supervisor
Mary N. Piepho, District III Supervisor
Karen Mitchoff, District IV Supervisor
Federal D. Glover, District V Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: October 6, 2015

David Twa, County Administrator and Clerk of the Board of Supervisors

By: Chris Heck, Deputy

Contact: Jamar Stamps, (925)
674-7832

cc:

BACKGROUND:

In May 2015, the Bay Area Air Quality Management District released a call for projects for the “Charge!” grant program. “Charge!” is an incentive program that offers grant funding for the installation of electric vehicle supply equipment (“EVSE”), or electric vehicle charging stations, within Bay Area transportation corridors, workplaces, multi-family dwelling units (“MDUs”) and trip destination locations.

Applications are currently being accepted and the deadline is 4:00 PM, Friday December 18, 2015, unless funds are exhausted sooner. This program is funded through the Transportation Fund for Clean Air (“TFCA”) Regional Fund which provides grants to improve air-quality within the nine-county Bay Area by reducing criteria emissions from on-road vehicles. The goal of the “Charge!” Program is to rapidly expand access to Plug-In Electric Vehicle (“PEV”) charging stations in order to accelerate the Bay Area’s adoption of PEVs and ultimately to achieve the region's PEV deployment targets of 110,000 PEVs by 2020 and 247,000 PEVs by 2025. An initial allocation of \$5 million in TFCA funding is available through the “Charge!” Program and funding will be awarded to qualifying projects on a first-come, first-served basis. Both public and private entities are eligible to apply for funding. In addition, the Air District Board of Directors has authorized higher funding amounts for projects that are coupled with renewable energy (e.g., wind or solar) and battery storage. The maximum grant amount is based on the type of EVSE equipment.

Electric Vehicle Charger Demonstration: The Electric Vehicle (“EV”) Charging Station Demonstration Program (“Program”) is open and applications are currently being accepted. The deadline to apply is 4:00 PM, Thursday, October 8, 2015. This is a competitive grant solicitation, and the Air District anticipates funding between two and five projects.

The Program will provide up to 90% of total eligible costs for the installation of new, publicly-available EV charging stations along major transportation corridors, at workplaces, and at key destinations. Funds for this project will be awarded through a competitive grant application process whereby applicants who request lower grant amounts per ton of emissions reduced will be scored higher. In addition, the Program prioritizes projects that are “shovel-ready,” incorporate renewable energy, help to expand the region’s charging network, and are located in Air District designated Community Air Risk Evaluation (“CARE”) Program areas.

Proposed Project: The County Public Works (“PWD”) and Conservation and Development (“DCD”) Departments are collaborating on the grant applications and proposed project. The project consists of installing EVSE at their respective facilities (255 Glacier Ave. and 30 Muir Rd.) that would be accessible by employees and members of the public. Installing EVSE at County buildings will contribute to the overall Bay Area’s adoption of PEVs and ultimately help achieve the region's PEV deployment goals of 110,000 PEVs by 2020 and 247,000 PEVs by 2025.

These programs provide incentive funding on a reimbursement basis after all station equipment has been placed into service and all expenses have been incurred and documented. Therefore, applicants must demonstrate that they have adequate funds from a non-Air District source to cover all stages of their proposed project(s) from commencement through the end of their project's life. In addition, applicants must demonstrate that they have available and are ready to commit all necessary matching funds from a non-Air District source of funding. Site retrofits would likely be necessary to install EVSE. The cost to install EVSE at the proposed sites is to be covered by funding from the departments and should not exceed \$30,000 per Electric Vehicle Charging Station on preliminary estimates. Maximum award amounts for "Charge!" and the Electric Vehicle Charging Station Demonstration Program are \$6,000 and \$11,000 per Level 2 charger, respectively. One project cannot be funded by both programs.

CONSEQUENCE OF NEGATIVE ACTION:

The County will not be able to receive grant funds for the installation of electric vehicle service equipment.

ATTACHMENTS

Resolution No. 2015/341