

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

125



FROM: Economic Development Agency

SUBMITTAL DATE:
January 15, 2013

SUBJECT: California Energy Commission Electric Vehicle Infrastructure Grant Application, ALL Districts, [\$0]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Authorize the Economic Development Agency (EDA) to apply for funding from the California Energy Commission (CEC) Electric Vehicle Infrastructure Grant (PON 13-606);
2. Authorize the Asistant County Executive Officer of EDA to sign any necessary forms associated with the application process; and
3. Authorize EDA to identify potential matching funds and in-kind matching resources in the application.

Departmental Concurrence

BACKGROUND:

Summary

(Commences on Page 2)

Robert Field
Assistant County Executive Officer/EDA

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 0	\$ 0	\$ 0	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0	
SOURCE OF FUNDS: N/A				Budget Adjustment: No	
				For Fiscal Year: 2013/14	

C.E.O. RECOMMENDATION:

APPROVE

BY:

Rohini Dasika

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

- A-30
- 4/5 Vote
- Positions Added
- Change Order

Prev. Agn. Ref.: 3-33 of 2/28/12

District: ALL

Agenda Number:

3-11

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

Economic Development Agency

FORM 11 California Energy Commission Electric Vehicle Infrastructure Grant Application, ALL Districts,
[\$0]

DATE: January 15, 2014

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BACKGROUND:

Summary

On December 18, 2013, the California Energy Commission (CEC) released its announcement and final grant clarifications for the Electric Vehicle (EV) Infrastructure Grant (PON 13-606). The County of Riverside is eligible to apply for this grant under Category 1, which covers the installation of workplace, corridor and destination EV charging stations. The main elements and eligible activities of the grant are as follows:

1. The EV Infrastructure Grant is a competitive grant. Application packages will be analyzed and scored based on a list of criteria. Applicants with the highest scores will receive funding.
2. Category 1 of the grant is open to public agencies and non-profit organizations only.
3. Eligible activities under the grant revolve around the installation of three types of EV charging stations—workplace, corridor and destination stations. The grant requires that all stations be accessible to the public.
4. Application due date is February 4, 2014.
5. Maximum award per applicant is \$500,000. A total of \$4 million in grant funding is available under this category.
6. The grant has a match requirement of 25%. The match can be in cash or through in-kind activities.
7. The Anticipated Notice of Proposed Award Posting Date is the end of March 2014.
8. The application requires the identification of potential sources of match funding or in-kind match activities. If the county's application is successful and awarded funding, the CEC will require a letter from the county in June 2014 certifying all sources of match and in-kind match funding. The EDA Energy Management budget has sufficient match funding and in-kind match activities combined to cover the 25% match requirement, should the maximum amount be awarded.
9. EDA anticipates requesting 45 EV charging stations through this grant. The grant will also require that the county develop a charging mechanism and rate schedule for using the EV charging stations installed by the grant. This ensures that the cost of operating the stations is recovered. EDA would return to the Board of Supervisors with a proposed rate schedule if the county is awarded grant funding.
10. The application package will be stronger if it included a letter of support from the Board of Supervisors. This is not a requirement of the grant, however.
11. If the county's application is successful, the first grant funds would be distributed in September 2014. EDA would return to the Board of Supervisors for acceptance of the grant award before this occurs.

In February of 2012, the Board of Supervisors accepted a grant award from the Chargepoint America Grant, which was part of the American Recovery and Reinvestment Act. As a result of this award, five EV charging stations were installed in downtown County parking structures and the Southwest Justice Center. Since then, an additional charging station has been installed with four more in stock awaiting installation. To date, existing EV charging stations have had almost 1,500 charging sessions, have saved over 1,400 gallons of gasoline and have removed 4.7 tons of greenhouse gases from the air in Riverside County. There is currently no charge to use the existing stations. The EDA Energy Management budget pays for costs associated with maintaining the existing stations.

(Continued)

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BACKGROUND:

Summary (Continued)

Requests to EDA by phone or email for additional EV charging stations have been increasing. The requests have come from both employees and the general public. Additionally, there have been instances of employees charging their electric vehicles at county buildings using extension cords. As a result, an Electric Vehicle Employee Survey was sent to all Riverside County employees on January 7, 2014. Results were collected through January 15, 2014. Of the 1400+ responses received to the survey, 40 employees who own electric vehicle responded. In addition, over 440 current employees said that they would buy an electric vehicle if a charger was located at their workplace. Analysis of both groups of respondents has revealed 21 major county workplace sites that would support EV charging stations. These sites were also correlated with the Plug-in Electric Vehicle Readiness Plans prepared by the Western Riverside Council of Governments (WRCOG) and Coachella Valley Associated Governments (CVAG). Over 160 employees also responded that they had received inquiries from non-employees about the availability of charging stations from clients/patients, contracted workers, doctors and the general public.

Of the 45 proposed stations, 41 will have the ability to charge more than one vehicle at the same time. Based on the current number of publicly accessible EV stations documented by WRCOG and CVAG, the stations to be proposed for this grant would more than double the amount of available EV charging stations throughout the county, if the grant application is successful.

Additional Fiscal Information

There is no cost associated with this grant, thus no net county costs will be incurred and no budget adjustment is required.

Impact on Residents and Businesses

The positive impact of installing 45 electric vehicle charging stations is the dramatic increase of publically-accessible Electric Vehicle charging stations and the reduction of greenhouse gases in Riverside County.