



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: General Services
Department No.: 063
For Agenda Of: Sept 8 , 2015
Placement: Administrative
Estimated Time: N/A
Continued Item: No
If Yes, date from:
Vote Required: 4/5

TO: Board of Supervisors
FROM: General Services Matthew P. Pontes, Director (560-1011)
Contact Info: Greg Chanis, Assistant Director (568-3096)
SUBJECT: Acceptance of Grant for Electric Vehicle Charging Stations: All Supervisorial Districts

County Counsel Concurrence

As to form: Yes

Risk Management:

As to form: Yes

Recommended Actions:

That the Santa Barbara County Board of Supervisors:

- a) Accept the grant of equipment and labor valued at \$35,130 by Approving and Authorizing the Chair to execute the attached Central Coast Charge Ahead Project – Approval to Proceed Agreement;
- b) Approve the attached Budget Revision Request(BJE No. 0003735) in the amount of \$35,130 for electric vehicle charging stations; and
- c) Find that the proposed action consists of constructing and locating a limited number of new, small facilities and is therefore exempt from California Environmental Quality Act (CEQA) pursuant to 14 CRR 15303(d) and direct staff to file a Notice of Exemption based on that finding.

Summary Text:

The County of Santa Barbara (COSB) has been awarded a grant of three (3) electric vehicle charging stations with ChargePoint America under the California Energy Commission (CEC) PON-13-606 solicitation at no initial cost to the County. The PON-13-606 group solicitation area includes the Counties of Ventura and Santa Barbara, the Cities of Ventura, Santa Barbara, Carpinteria, Goleta, Buellton, Arroyo Grande, Paso Robles, the City of Santa Barbara Airport, Moorpark College, and Hearst Castle. The grant to COSB includes material and installation of the three new charging stations. ABM,

the company contracted by the EV Alliance to install the charging stations has determined the beneficiary value of this program award and the associated services is approximately \$35,130.

The electric vehicle charging stations use the ChargePoint™ Network to bill the car owner for the electricity they consume from the car chargers. The County of Santa Barbara will pay a two (2) year subscription fee of \$2,760 for the ChargePoint™ Network Commercial Service Plan, (the “Master Services Agreement”) associated with the proposed charging stations.

The County currently owns and operates 8 charging stations (6 public, 2 for county fleet vehicles). The existing public charging stations utilize ChargePoint™ to charge the cost of electricity through a credit card purchase to the car owner (via the ChargePoint™ Network on each station). The County is currently being reimbursed for the cost of electricity by ChargePoint at a rate of \$0.45 for each hour a vehicle charges. In three years of operation, this rate structure has resulted in a negative variance of approximately \$1,000 for operating the existing charging stations. If approved by the Board, prior to the proposed stations being put into operation, General Services will return to the Board with a proposed revised rate structure designed to fully recover the cost of operating the charging stations.

Background:

On February 7, 2012 the County of Santa Barbara Board of Supervisors approved the ChargePoint California Station Award Agreement, the ChargePoint Master Services Subscription Agreement (Attachment 3), and accepted the grant of equipment and labor valued at \$105,967.38 for electric vehicle charging stations. A total of 6 charging stations (2 charging ports per station) were installed in the following locations and are available for public use:

- 105 E. Anapamu Street, Santa Barbara
- 511 E. Lakeside Parkway, Santa Maria
- 260 N. San Antonio Road, Santa Barbara
- 1109 West Chestnut Ave, Lompoc
- 2297 Finney Road, Summerland (Lookout Beach Park)
- 101 Freeway, Bates Road, Carpinteria (Rincon Beach Park)

The stations were put in operation in June 2012. Since then, they have been accessed 6,024 times (as of August 10, 2015), generating approximately \$4,200 in revenue. Included in the initial grant of the stations were two years of free access to the ChargePoint Network. During this time, the County did not pay ChargePoint Network Service Fees. The County’s free access to the ChargePoint Network ended in January 2014. Since January 2014, the County has assumed responsibility for maintenance of the stations, and has paid the ChargePoint Network Service Fees of \$230 per port per year (\$2,760 annually) for these stations. These fees cover software upgrades, station programming, cellular connections, and 24/7 driver support.

If approved by the Board, this new grant will provide for 3 additional public charging stations (2 charging ports per station) to be installed at the following locations.

- 881 Embarcadero Del Mar, Isla Vista (2 stations) (Isla Vista Solar Parking lot)
- 4436 Calle Real, Santa Barbara (1 station) (Santa Barbara Sheriff Parking Lot)

Fiscal and Facilities Impacts:

In 2014, the Sheriff’s Office installed underground conduit and a concrete base in preparation for the future installation of a public charging station. Other than the cost of this work, there are no additional costs to the County for acquiring and installing the equipment associated with this agreement, and for

the first two years following installation of the charging stations, maintenance of the stations will be free. The County will, however, pay for the electricity flowing through the stations and pay the ongoing ChargePoint Network Services Fee of \$230 per year/per port. The two-year network services fee must be paid in full prior to the commissioning of the charging stations. The costs will be \$230 per year per port for 6 ports (2 ports per station) for two years. This is a total of \$2,760 for two years for the three new proposed charging stations. The Network Service Fee costs will come from the General Fund.

The charging stations rate structure should recover the costs of operating the charging stations by charging the users of the stations. As noted earlier, in the first two years of operation, the current rate structure resulted in a negative variance for the existing charging stations. Prior to the proposed stations going on line, General Services will return to the Board for consideration of a revised rate structure designed to fully recover the cost of operating the charging stations.

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund	\$ 2,760.00	\$ 1,380.00	\$ -
State			
Federal			
Fees			
Other:			
Total	\$ 2,760.00	\$ 1,380.00	\$ -

Key Contract Risks:

Although the rate structure for use of the charging stations is designed to fully recover the cost of operating the charging stations, variable electric rates as well as uncertainty in the expected utilization rates of the charging stations make it difficult to predict the amount of revenue generated by the stations.

Staffing Impacts: 0

Legal Positions: 0 FTEs: 0

Special Instructions:

Direct the Clerk of the Board to forward one (1) duplicate original of the Agreement and two (2) copies of the certified minute order to Roy Hapeman in the General Services Department.

Attachments:

1. Central Coast Charge Ahead Project – Approval to Proceed Agreement (1 original; 1 duplicate original)
2. Budget Journal Entry (BJE No. 0003735)
3. Master Services Agreement
4. CEQA Notice of Exemption

Authored by:

Greg Chanis, Assistant Director, General Services (805) 568-3096 and
 Roy Hapeman, Energy Manager, General Services (805) 568-2628