



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: November 6, 2012
Placement: Administrative
Estimated Time: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: General Services Bob Nisbet, Director (560-1011)
Contact Info: Scott Hosking, Facilities Manager (568-2533)
SUBJECT: Calle Real Solar Project; Endelos Energy, Inc.'s First Amendment to Contract
(Second District)

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Risk Management: As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- a) Approve and authorize the Chair to execute the attached Amendment No. 1 to the Contract with Endelos Energy, Inc. (a local vendor) for the Calle Real Solar project (Second District), increasing the total contract value to \$5,185,568 to cover an additional \$169,906.64 in scope change which is currently budgeted; and
- b) Find that pursuant to the California Environmental Quality Act (CEQA) Guidelines, Section 15162, no substantial changes are proposed, and no new information of substantial importance has come to light regarding environmental effects of the project nor the sufficiency or feasibility of mitigation measures, and therefore such actions are within the scope of the project covered by the Mitigated Negative Declaration and monitoring program approved and adopted by the Board on June 7, 2011; and
- c) Approve Budget Revision Request No. 0002605 for \$72,584 to cover ancillary expenses related to the project.

Summary Text:

The County installed a one MW photovoltaic system to reduce its dependence on the national electrical grid, reduce its carbon footprint and, over time, reduce the electrical costs on the Calle Real Campus in Santa Barbara.

In order to save money, the solar array construction originally called for the utilization of wiring from the array to the jail complex using the existing conduit between the jail and the utility meter. This required increasing the wire size in the existing conduit between the jail and the utility meter. During construction of the solar array, it was discovered that the existing conduit had collapsed and increased wire capacity could not be installed. A new connection path had to be engineered.

The most economical design was to bore and install a new conduit from the array inverters to the utility meter, a distance of 2,280 ft.

Background:

At Board direction, General Services installed a one MW photovoltaic (PV) system on the Calle Real Campus to offset electricity use and thereby reducing County costs over time. The PV solar project was first presented to the Board of Supervisors on July 13, 2010 as a potential project in the Sustainability Action Plan. On June 7, 2011 the Board of Supervisors awarded an Energy Service Agreement with Endelos Energy Incorporated (a local vendor) in the amount of \$5,015,661.36 for final design, construction and startup of a one megawatt (MW) solar array at the Calle Real Campus. The PV solar project involved the construction and operation of a photovoltaic system on the hillside site adjacent to the County Jail located at 4434 Calle Real in Santa Barbara. The solar array started producing one MW power on April 16, 2011.

During construction it was determined that an existing electrical conduit between the jail complex and utility meter had collapsed and could not be utilized for connecting the solar array as originally designed. A separated, not shared, conduit was installed through a boring directly from the array to the utility meter.

CEQA

Pursuant to the California Environmental Quality Act (CEQA), County Planning and Development publicized a Draft Mitigated Negative Declaration in January, 2011 with respect to the environmental impacts of the project. On May 11, 2011 the Santa Barbara Planning Commission made a determination that the project is in conformance with the County's General Plan with government code 65402. A Mitigated Negative Declaration for the Calle Real Solar project was accepted by the Board on June 7, 2011, is on file in the General Services Office located at 1105 Santa Barbara Street, and can be accessed through the following link: <http://www.countyofsb.org/gs/default.aspx?id=40190> .

Pursuant to CEQA Section 15162, no substantial changes are proposed, and no new information of substantial importance has come to light regarding environmental effects of the project or of the sufficiency or feasibility of mitigation measures, and therefore the recommended actions are within the

scope of the project covered by the Mitigated Negative Declaration and monitoring program. Thus, no new environmental document is required.

Fiscal and Facilities Impacts:

The project is funded by \$5,250,000 in Qualified Energy Conservation Bonds (QECBs). The original contract to the vendor for the project is \$5,015,661. The \$169,906.64 will pay for the unforeseen required change. The remaining project’s specific State restricted QECB’s will be used to fund the change order.

The source of the budget revision is revenue recognition from the vendor to pay for Sheriff security and Planning and Development fees (\$22,837), Edison solar application fee refund (\$20,000) and a transfer from General Services General Fund (\$29,747).

Budgeted: Yes

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State QECB	232,838.00		5,250,000.00
Federal			
Fees			
Other Revenue	34,637.00		227,375.00
Total	267,475.00	0	5,477,375.00

Legal Positions:

N/A

FTEs:

N/A

Special Instructions:

Direct the Clerk of the Board to forward two (2) copies of the certified minute order to Roy Hapeman, General Services Department.

Attachments

1. First Amendment to Contract with Endelos Energy, Inc.
2. Mitigated Negative Declaration link: <http://www.countyofsb.org/gs/default.aspx?id=40190>
3. Budget Revision Request 0002605

Authored by:

RH Energy Manager, General Services