

Board of Trustees Agenda Item

Board Meeting Date: March 1, 2010

Title of Item:

Agreement with Chevron Energy Solutions: Energy Services Contract and Installation of Photovoltaic Arrays at Foothill College (Measure C Project # 154)

Background and Analysis:

Procurement Government Code 4217

- California Government Code Section 4217.10-18 allows public entities to procure energy services, similarly to professional services, without competitive bidding. Government Code 4217 offers several advantages:
 - Expedites project development, proven design/build/implement process
 - Faster realization of energy savings and other program benefits
 - No change orders except for explicit scope changes

Chevron Energy Solutions, Inc. of San Jose proposes to design, provide and install photovoltaic arrays in Parking Lots 2-3 at Foothill College. The procurement of the equipment and the installation of the arrays will be managed by Chevron Energy Solutions and the selection of subcontractors by Chevron Energy Solutions will be on the basis of competitive bidding.

The installation will provide a capacity of approximately 1,064 kilowatts, an increase of nearly 200% in photovoltaic production at the Foothill campus. When this new installation is complete, the campus will be generating approximately 25% of its current annual electrical demand from green photovoltaic facilities.

The proposed installation location is shown on the attached plan. The contiguous Parking Lots 2 and 3 offer excellent conditions for a photovoltaic installation installed on carport structures. The proposed site plan realigns the parking rows to optimize solar orientation of the arrays, and relocated driveways and pedestrian pathways have been planned to improve safety along the Loop Road. The proposed photovoltaic installation has been coordinated with the work of WRNS Studio architects for compatibility with other site improvements being planned in the area.

The photovoltaic arrays will be completed as a part of Measure C Project #154. Increased funding for the project to allow for award of the Energy Services Contract is proposed as a separate Board action.

Recommendation: Executive Director of Facilities, Operations and Construction Management Charles Allen recommends that the Board 1) conduct a public hearing on this matter and approve the attached Solar Services Resolution; and 2) approve negotiating and executing an Energy Services Contract with Chevron Energy Solutions for the provision of a 1,064-kilowatt photovoltaic array installation at Foothill College.

Submitted by:	Charles Allen, Executive Director, Facilities and Operations 6150
Additional contact names:	Art Heinrich, Foothill Bond Director 6295
Is backup provided?	Yes

