

THIS IS A PORTION OF THE DRAFT RFP

**THE COUNTY OF SANTA BARBARA
REQUEST FOR PROPOSALS
POWER PURCHASE AGREEMENT
FOR
CALLE REAL PHOTOVOLTAIC PROJECT**



Project No. TBD

MANDATORY JOB WALK:

TBD (To Be Determined) AT 10:00AM

RFP RESPONSES DUE:

RFP RESPONSES DUE ON **TBD, 2010 BY 3:00 PM**

FINAL SELECTION FOR RFP CONTRACT AWARD ON **TBD, 2010**

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THIS OFFER IS EXPRESSLY CONTINGENT UPON APPROVAL BY THE BOARD OF SUPERVISORS OF THE COUNTY OF SANTA BARBARA THROUGH THE EXECUTION OF A CONTRACT BETWEEN YOU AS VENDOR AND THE COUNTY IN THE EVENT THAT THE BOARD DECIDES NOT TO PROCEED WITH A CONTRACT, THIS OFFER IS NULL AND VOID.

GENERAL REQUIREMENTS

1.0 INTENT

The County of Santa Barbara General Services Department, hereinafter referred to as “County”, is soliciting proposals for a Power Purchase Agreement (PPA) to include design engineering, permitting, installation and operation of a 1 megawatt solar photovoltaic (PV) system on the Calle Real campus. The County plans to reduce its carbon footprint and reduce costs paid for electricity through the installation of the solar photovoltaic system. Prospective proposers to this RFP, hereinafter referred to as “CONTRACTOR”, will be responsible for having full knowledge of this project and all issues affecting it. Please note: The COUNTY is open to any CONTRACTOR suggested opportunities that would further benefit the COUNTY’s ability to reduce costs paid for electricity.

2.0 GENERAL PROJECT DESCRIPTION

2.1 The County is considering a solar photovoltaic system to be installed at the following location:

2.1.1 County owned property located at 4434 Calle Real, Santa Barbara, California 93110. An aerial view of the Calle Real property showing the proposed location for the Solar photovoltaic System highlighted in Yellow is shown in Figure 2.1-1.

The Calle Real Property is currently vacant property consisting of a sloping hillside of over-grown vegetation, with a sandy loom soil base and some water erosion.

2.1.1.1 Geological Soil Survey Specifications for the Calle Real property are provided in Attachment A

2.1.1.2 Before submitting a proposal, CONTRACTOR shall visit the installation site (Mandatory Job Walk information contained in Section 4.0 herein).

2.1.2 SCE Interconnection: The County would like the solar photovoltaic system’s primary interconnection to be provided at SCE Meter # V349R-000414, located at 439 N San Antonio Rd Santa Barbara, CA 93110. This is a 4160v and 480v electric service approximately 1000 feet from the proposed megawatt solar system’s primary location.

2.2 The COUNTY would like to obtain separate proposals for both a fixed and tracking systems with the following purchasing options:

2.2.1. Lump-sum proposal for the outright purchase of the installed renewable energy system.

2.2.2. Power Purchasing Agreement (PPA).

2.2.3 The COUNTY will consider alternate proposals that would benefit the COUNTY, however funding for turnkey projects is not available. Any alternate proposals shall be in addition to (not in substitution for) the proposal(s) above.

- 2.3 The COUNTY requires the CONTRACTOR to provide all the necessary security measures to protect the photovoltaic (PV) System from theft, destruction, and defacement. These security measures shall include; security fencing, camera monitoring systems integrated with County's Sheriff's Department Surveillance Center, and theft resistant hardware. A minimum of two (2) fixed and one (1) 360° remote cameras must be used to cover the site. Camera specifications will be provided at project job walk. The security fencing is normally 6'-0" fence around ground mounts with 3 strings barbed wire and breakaway bolts to secure modules. The PV Anti-Theft System shall be able to detect the removal of any PV module in the installation.
- 2.4 The COUNTY requires the CONTRACTOR to provide the COUNTY with a WEB Based Real Time Performance Monitoring System.
- 2.5 The COUNTY requires the CONTRACTOR to adhere to the material specification provide in Appendix A herein.
- 2.6 The CONTRACTOR shall provide convenient placement of water outlets and hose bibs, and hoses throughout the solar systems locations for future solar panel cleaning and maintenance.
- 2.7 The CONTRACTOR shall be responsible for working with the County's Project Manager, Facilities Manager and General Services Department to ensure that warranties are not violated
- 2.7.1 Contractor shall meet with the County Project Manager prior to commencement of work and at least weekly during installation to coordinate activities and minimize interruption to operations. The installation Contractor shall work closely with facility engineers and support teams to avoid damage to any and all existing above ground and underground infrastructure.
- 2.8 The CONTRACTOR shall be responsible for all activities related to interconnection and net metering required with SCE's Rule 21.
- 2.9 The CONTRACTOR understands time is of the essence and will make every effort to fund the solar project as soon as possible after an Energy Services Agreement is executed with the County.

- 2.10 The COUNTY has determined that payment and performance bonds may not be required under the PPA option, provided that the financier has appropriate insurance or sureties that would cover situations in which these types of bonds would be required. The proposal will need to disclose these arrangements.



**Figure 2.1-1 Aerial View of Calle Real Property
Photovoltaic Panel Locations Highlighted in Yellow**