

ADDENDUM #4 Solar Projects 2009

July 8, 2009

TO: Prospective Bidders

FROM: Housing Authority of the County of Monterey

Instructions to Bidders

The following information is hereby incorporated into the RFQ due July 27, 2009:

The Bid Date remains **July 27, 2009 at 3:00 p. m.** All bids are due at 134 East Rossi Street, attention Tom Sears.

PDF drawings are available for use on the Housing Authority website at www.hamonterey.org. Full AutoCAD files are available by going to the website: <https://www.getdropbox.com>. Log on using the user name: it@hamonterey.org The password is: upload09. Click on the "Public" folder. Drawings of all sites are available as of this date. **Check back on the website to get the latest information.**

1. All items of Addendum 02 are incorporated into this RFQ, except that paragraph # 3 is revised per Addendum 03.
2. All items of Addendum 03 are incorporated into this RFQ, except that paragraph # 3 & 8 are revised per Addendum 04.
3. All items of Addendum 04 are incorporated into this RFQ.
4. The drawings for 44 Natividad Road are Dwgs 13-1 thru 13-5.
5. The drawings that are required for this RFQ are as follows: 2, 6, 11, 12, 13, 18, 20, 25, 29 and 30. These drawings can be downloaded in pdf format or in AutoCAD format as described above.
6. The AutoCAD drawings on : <https://www.getdropbox.com> have been updated on July 8, 2009 as follows:
 - Drawings 2-1 through 2-7 have been updated.
 - Drawings 6-1 through 6-7 have been added
 - Drawings 7, 8, 9 have been added
 - Drawings 11-1 through 11-7 have been added
 - Drawings 13-1 through 13-5 have been added
 - Drawings 16A, 21, 24-1 & 2, 25-1 & 2 have been added
 - Drawing 12 will be added by 7-10-09
7. Addendum 03, paragraph 3 is revised to change the words "(2) KW per hour" to "2 kW". The second sentence shall state "The system shall be capable of producing two (2) kW per apartment unit by the performance rating method described below."

8. The Housing Authority main office shall be designed for 80 kW.
9. Addendum 03, paragraph 8 is revised to require the following items listed per project site on the RFQ (not per building). The required information per system size per project site is:

- a. CSI Rating
- b. Project rating (CSI times “performance tolerance)
- c. Number of pv panels, **including manufacture and model number**
- d. Number of inverters, **including manufacture and model number**
- e. Array tilt (degrees)
- f. Array Azimuth (degrees)
- g. Design system sizing, where the following applies:

Design system sizing = (CEC-AC rating) x (Power Tolerance Factor)

where CEC-AC rating is verified through the CSI California Energy Commission Incentive Calculator website "<http://www.csi-epbb.com/>."

and the (Power Tolerance Factor) = 1 - (Rated Minus Power Tolerance)

and the (Rated Minus Power Tolerance) expresses the minimum warranted peak power (Pmin) in terms of Maximum Power at STC (Pmax).

(Pmin) = [1 - (Rated Minus Power Tolerance)) x Pmax.

Warranty terms, Pmax and the (Rated Minus Power Tolerance) must be documented by providing a copy of the module manufacturer's specification sheet and warranty."

10. The Bid Form is provided in the original Excel format. All bidders shall use this form to provide the information requested. This form can be modified to provide additional information requested if necessary.
11. The Standard Form of Agreement published as “Sample Contract” in the RFQ shall be revised to reflect any change made in the issued Addendums. This contract is a sample verbiage for the solar installation projects of this RFQ.
12. Paragraph 2.7 of the Standard Form of Agreement is herein revised to “... Contractor shall hire at least Fifty percent (50%) of the required work force from available local labor...”.
13. Addendum 03, paragraph 10 is herein revised. The Housing Authority shall be using “virtual metering”, therefore there shall not be an inverter for each unit electric meter. There shall be one virtual meter per building, or one virtual meter per project site, or a combination of virtual meters to most efficiently meet the requirements of the pv panels.. This is up to each bidder to determine what is most cost effective for this RFQ. If one meter is capable of serving the entire site, that is acceptable, but all wiring and trenching shall be included in the requested RFQ. For interconnected buildings, all wiring shall be in approved trenches.

14. Each site included in this RFG shall be stand alone. The total PV on multiple buildings within a project can offset the total loads of that project only. If the required 2kW per unit cannot be achieved due to building orientation or obstructions, the bidder shall so state in the RFQ. PV panels cannot be placed on another site in the RFQ to compensate for the lack of required PV panels that can be placed on another site.

Attachments:

Bid Form – Section 00410 revised for Addendum 04

Housing Authority of the County of Monterey

Solar Projects 2009

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