



## South Orange County Community College District

RFQ&P 379D: Turnkey Solar Shade Structures at Irvine Valley College

Addendum No. Two (2)

October 23, 2019

### **Nick Newkirk**

Purchasing and Contracts Manager

### **Note:**

*All documents remain unchanged except section or parts added to, revised, deleted and/or clarified by this Addendum.*

1. The responses to the Request for Information submitted by the deadline of 4:00PM on October 16, 2019, as well as the responses to the questions asked during the mandatory pre-proposal meeting at 10:00 AM on October 21, 2019 are shown below:

Q1: Is the listed construction budget of \$3,160,000 correct? Also, we understand the minimum PV generation is 500kWh but is there a maximum?

A1: The baseline power consumption on the campus is approximately 500 kW. The battery energy storage system that recently began operations is prohibited from exporting to the Southern California Edison grid under their existing interconnect agreement. If a subsequent interconnect agreement that included both solar and the battery energy storage system would allow exporting generated power to the Edison grid when consumption was low, the District would consider a larger solar system, if economically feasible.

Q2: I was looking at your RFQ/P and wanted to confirm we are only installing a system onto the following service account and meter number below? The interval data that was provided has 11 meters so I just wanted to be sure. I am also assuming that the battery storage system that I1Energy installed is currently in operation? So your RFP is only looking for a single 500KW carport without energy storage?

A2: On February 16, 2019, the campus consolidated the electrical grid serving the majority of the Irvine Valley College campus, creating a single electrical grid with one Southern California Edison meter, V345N-000808. Prior to the consolidation, the following meters were serving the main portion of the campus: V345N-000808, V349N-008941, V349N-010472, 259000-043807 and V349N-002874.

Meters V349N-008941, V349N-010472, 259000-043807 and V349N-002874 were removed during the consolidation. The data for these four meters shown prior to the consolidation are to be included as part of the power consumption data. SCE Meter 25900-043806 serves an area in the southeast edge of the campus and is still active but not within the main campus power grid.

For purposes of the solar project, the 15-minute interval data for Meter 25900-043806 has been removed from the revised spreadsheet issued under Addendum 1.

Meters 256000-219307 and 259000-021921 serve the existing PV system on campus. 60 kW total generation capacity. The data for these two meters remain within the revised spreadsheet for information if required.

Q3: Is the College open to considering the PV system interconnecting to another meter on campus or must the new PV system interconnect to SCE meter #V345N-000808?

A3: See response to question 2 below.

Q4: Can IVC shed some light on its strategy and/or primary limiting factor when determining the desired size of the solar system?

In various locations of the RFP it states:

At least 500kW

Estimated cost to design and construct the project is \$3,160,000

Attachment D indicates four rows of available parking

Non-export interconnection with the existing battery

Is the College open to expanding the area available for solar PV in Lot 6 if the project cost remains at or below \$3.16M and does not jeopardize the existing non-export interconnection agreement for the battery system?

A4: See the response to Question 1.

Q5: The RFQP states there were previously multiple meters. Have those meters been consolidated?

A5: See response to question 2 above.

Q6: Where is the point of interconnection?

A6: The point of interconnection is to be behind meter V345N-000808 and as determined by the successful turn-key solar firm.

Q7: Can the District extend the deadline for proposals?

A7: No.

Q8: What is the design of the battery?

A8: The design drawings for the existing battery energy storage system is included in RFQ&P Attachment I.

Q9: Is the battery energy storage system interconnection through the LCR program?

A9: Yes.

Q10: Is the District open to other financing options?

A10: No.

Q11: Will this be a carport system? If so, is there another carport on campus that the college is trying to replicate? Are there any specific manufacturers that have been identified?

A11: The design shall be a carport system. There are no existing solar carports on the campus nor have any specific manufacturers been identified.

Q12: Is this a DSA project?

A12: Yes, this project must be submitted to DSA for plan check/approval/certification.

Q13: What is the project duration and construction schedule?

A13: The project schedule is included in Attachment H, Technical Design Specifications and Requirements, page 2.

Q14: What is the minimum clearance height for the canopies?

A14: The minimum bottom of frame height shall be 9'-5".

Q15: Where is the conduit located?

A15: Underground conduits were provided during the construction of the Parking Lot 6 in the sizes, quantities and locations shown on Attachment F (Site Electrical). Be advised, Attachment D is intended to indicate the proposed PV system site and is not intended to show the as-built conduits.

Q16: Where is the meter located?

A16: Meter V345N-000808 is shown in RFQ/P Attachment I, Existing Battery Energy Storage System, Sheet G-200.

Q17: Are there any EV charging stations?

A17: There are presently no EV charging stations in Parking Lot 6. There are four EV charging stations at another location on campus.

Q18: What is the exact location of the conduit for the EV charging stations?

A19: Refer to RFQ/P Attachment F.

Q20: Where do the existing batteries tie in?

A20: Refer to RFQ/P Attachment I.

Q21: How is the current interconnect agreement set up?

A21: The existing Battery Energy Storage System is designed to stop discharging if its' controls sense export to the Edison grid for more than two (2) seconds. The location of the interconnection is shown in RFQ/P Attachment I.

Q22: Are the specifications for the conduit contained within the drawings?

A22: Sizes, quantities and locations of conduits are shown on Attachment F (Site Electrical).