

ADDENDUM 2

Solar Services Request for Proposals Solar Workgroup of Southwest Virginia, 2018 Group Solicitation

**RFP Issue Date: July 31, 2018
Addendum 2 Issue Date: September 12, 2018**

The Solar Services Request for Proposals (RFP) is modified as set forth in this Addendum. The original RFP Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFP. Respondent shall take this Addendum into consideration when preparing and submitting its Proposal.

This Addendum Number 2 Consists of the following:

Change to Response Due Date:

Revised Response Due Date and Time: October 3, 2018 at 5:00pm EDT

1: RFP Respondent Questions and Answers Number 2:

See attached document.

Exhibits:

2: Delete “Exhibit C: Cost Proposal Form”, Issued July 31, 2018 and replace with “Exhibit C Cost Proposal Form REVISED 090618”. Please see RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018) for replacement document.

3: Add “Exhibit A1 Additional Information: Ridgeview Roof Warranty” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

4: Add “Exhibit A2 Additional Information: Norton Green As Built Documents” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

5: Add “Exhibit A6 Additional Information: Lonesome Pine Roof Warranty” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

6: Add “Exhibit A6 Additional Information: Lonesome Pine As Built Documents Volume 1” and “Exhibit A6 Additional Information: Lonesome Pine As Built Documents Volume 2” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

End Addendum 2

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RFP Respondent Questions and Answers Number 2

1) Central High School

Q1a: Initial structural engineering contact for the school (built in 2014)?

A: Structural Engineer: Stroud Pence and Associates, LTD, 5032 Rouse Drive, Suite 200, Virginia Beach, Virginia. 23462, (757) 671-8626

Q1b: Contact for roof warranty detail?

A: Genflex Roofing Systems. Project # QA8183 1-800-428-4511

Q1c: Will the school also permit a ground mounted solar array on unused land adjacent to the school?

A: Ground mounted Solar array Property available is very limited. We could discuss the possibilities but again it would be limited.

Q1d: Can you please confirm the site service rating and voltage of this site?

A: Service consists of two main Distribution Switches. 1- 2000 AMP 480/277V 3 PH which feeds the three Boilers and a 3000 AMP 480/277 3 PH which feeds the remainder of the Building.

2) Norton Green Apartments

Q2a: Provide feedback regarding conversion of all individual electric meters to a single, utility meter for all residences. This will allow all solar installed (supply) and all energy used (demand) to be aggregated for maximum payback.

A: As discussed during the site tour, Norton Green believes this most easily accomplished by aggregating into a single bill rather than any real change in the physical infrastructure. Assuming this is doable with the utility, this would be the site's preferred strategy to accomplish this.

Q2b: Provide age of roof and remaining roof warranty.

A: Roof is 10 years old. Labor was standard VA one year. Shingles are 30 year architectural/anti-fungal

Q2c: Can you provide electrical one-line, underground utility, and structural drawings for the site?

A: Please see "Exhibit A2 Additional Information: Norton Green As Built Documents" available on the RFP Website (

www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

Note, the site owner believes these documents should cover everything except underground utilities. Since this was a purchase and rehab for the site owner, they are trying to find

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additional, original plans identifying underground utilities to make available during the negotiation period if not available earlier.

Q2d: Can you provide plot plans indicating property lines for the site?

A: Please see “Exhibit A2 Additional Information: Norton Green As Built Documents” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

3) Estonia Learning Center

Q3a: What is the age of the roof and what is the remaining roof warranty?

A: Roof is 14 years old. Warranty information has not been located.

Q2b: Can you please confirm the site service rating and voltage of the site?

A: 110/220 vac, 200A, single phase.

4) Lonesome Pine Technology Park

Q4a: Please provide the roof age, any roof warranty information, and the structural engineering contact for the building construction?

A: Building was completed in 2009/2010. Please see “Exhibit A6 Additional Information: Lonesome Pine Roof Warranty” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018) .

Q4b) Please clarify as much as possible anticipated tenant/ use of building- what will be going on, when might it be occupied, etc?

A: As of September 10, 2018, the entire building will be occupied by a company called Sure Carbon Holding Company, LLC (subsidiary of EnviroCarbon). It’s a research and development initiative, along with Virginia Tech, converting wood products into carbon black. Additional research will involve conversion of coal into graphene. The company anticipates occupying the building in October 2018.

Q4c: Can you provide electrical one-line, underground utility, and structural drawings for the site?

A: Please see “Exhibit A6 Additional Information: Lonesome Pine As Built Documents Volume 1” and “Exhibit A6 Additional Information: Lonesome Pine As Built Documents Volume 2” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

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Q4d: Can you provide plot plans indicating property lines for the site?

A: Please see “Exhibit A6 Additional Information: Lonesome Pine As Built Documents Volume 1” and “Exhibit A6 Additional Information: Lonesome Pine As Built Documents Volume 2” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

Q4e: Can you please confirm the site service rating and voltage of the site?

A: Please see “Exhibit A6 Additional Information: Lonesome Pine As Built Documents Volume 1” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

5) Ridge View High School

Q5a: Can you provide electrical one-line, underground utility, and structural drawings for the sites?

A: Please see “Exhibit A1 Additional Information: Ridgeview High School As Built Documents” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

Q5b: Can you provide plot plans indicating property lines for the sites?

A: Please see “Exhibit A1 Additional Information: Ridgeview High School As Built Documents” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018)

Q5c: Can you please confirm the site service rating and voltage of this site?

A: The service for the site is 277/480 3Ph. Please see “Exhibit A1 Additional Information: Ridgeview High School As Built Documents” available on the RFP Website (www.bluedotregister.org/solar-workgroup-of-southwest-virginia-group-solar-solicitation-2018).

6) Powell Valley National Bank

Q6a: Load for critical IT equipment and cooling in Amps or Watts? If the IT can add up the total watts or amps for the existing server UPS systems and the a/c unit in the server room, we can use this to determine the critical load.

A: Please provide a cost for a battery system appropriate for providing 36KWh in backup capacity. The battery backup details will be finalized through the negotiation period with the Site Owner.

Q6b: Average and maximum electrical downtime? Basically, the bank need to decide how long they need to maintain a backup battery system.

A: Please provide a cost for a battery system appropriate for providing 36KWh in backup

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capacity. The battery backup details will be finalized through the negotiation period with the Site Owner.

Q6c: Please identify how many computers/servers you want to have backed up through solar battery backup.

A: Please provide a cost for a battery system appropriate for providing 36KWh in backup capacity. The battery backup details will be finalized through the negotiation period with the Site Owner.

Q6d: Please identify how many outlet locations (excluding any that serve the computers/servers already indicated) you need to have included in solar battery backup.

A: Please provide a cost for a battery system appropriate for providing 36KWh in backup capacity. The battery backup details will be finalized through the negotiation period with the Site Owner.

Q6e: Are there any other critical equipment not covered in the above that you need to have covered by solar battery backup?

A: Please provide a cost for a battery system appropriate for providing 36KWh in backup capacity. The battery backup details will be finalized through the negotiation period with the Site Owner.

Q6f: How many hours of battery backup service to the equipment outlined above do you want from the system? (2 hours of backup, 8 hours, 24 hours, etc).

A: Please provide a cost for a battery system appropriate for providing 36KWh in backup capacity. The battery backup details will be finalized through the negotiation period with the Site Owner.

7) General Questions

Q7a: I see in the document that there is mention of “Community College Interns: Describe any plan and/or commitment Respondent has, if any, to employing solar PV interns through the MECC internship program in the execution of Subject Site projects (see Local Participation section for more on project goals)” . Can you direct me to a description of the Learn and Earn program? Is there a Learn and Earn program description somewhere on the MECC website or in the RFP somewhere?

A: RFP, Page 13, Qualifications of the Respondent Tem, item 3.D states: “Community College Interns: Describe any plan and/or commitment Respondent has, if any, to employing solar PV interns through the MECC internship program in the execution of Subject Site projects (see Local Participation section for more on project goals).”

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For further clarification, respondents should be aware that there is not, yet, an established Learn and Earn program at the community college. The Solar Workgroup of Southwest Virginia, though, had all the preliminary discussions to make one occur with MECC. It is the hope that this RFP process can help the solar learn and earn program begin. Simply put, the goal is to coordinate matching students at the CC with solar installers operating in the region. the SWG has applied for grant funds to provide stipends for the students, however, it is unknown if those grants will be awarded and, for the purposes of this RFP must be assumed to not be awarded. For this RFP, the SWG is looking for Respondent willingness, or specific plan to provide internship opportunities as a pathway for NABCEP certification.