

## **PROJECT DESCRIPTION AND ASSURANCES DOCUMENT**

**Project title:** Enabling EV and DER Adoption Through DERMS, AMI, and Fiber Integration

**Applicant Name:** Rappahannock Electric Cooperative (REC)

**Applicant Address:** 247 Industrial Court, Fredericksburg, VA 22408-2443

### **Names of all team member organizations (if applicable):**

Open Access Technology International (OATI)

Atlantic Engineering Group (AEG)

Landis + Gyr (L+G)

The Shpigler Group

Smart Electric Power Alliance (SEPA)

### **Principal Investigator (Name, Address if different than Applicant's, Phone Number, E-mail):**

Dr. Peter Muhoro (Principal Investigator)

Chief Strategy, Technology, and Innovation Officer

247 Industrial Court, Fredericksburg, VA 22408-2443

Office: 540-891-5817

### **Business Point of Contact (Name, Address if different than Applicant's, Phone Number, E-mail):**

Ms. Rebecca Messerle

Director, Accounting and Internal Controls

247 Industrial Court, Fredericksburg, VA 22408-2443

Office: 540-891-5887

**Vendor pricing is confidential outside of DOE review.**

**Federal Share: \$38,162,015**

**Cost Share: \$38,162,015**

**Total Estimated Project Cost: \$76,324,029**

### **Item 1: Specify (mark with "X") the FOA Topic Area and as applicable the Area of Interest (AOI):**

\_\_\_\_\_ Topic Area 1: **Grid Resilience Grants** (BIL section 40101(c))

\_\_\_\_X\_\_\_\_ Topic Area 2: **Smart Grid Grants** (BIL section 40107)

\_\_\_\_\_ Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 1  
(Transmission System Applications)

\_\_\_\_\_ Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 2

(Distribution System Applications)

\_\_\_\_\_Topic Area 3: **Grid Innovation Program** (BIL section 40103(b)) – Area of Interest 3

(Combination System Applications)

**TOPIC AREA 1 Specific Items:**

**Item 2: Specify (mark with “X”) the entity type of the applicant organization:**

\_\_\_\_\_electric grid operator

\_\_\_\_\_electricity storage operator

\_\_\_\_\_electricity generator

\_\_\_\_\_transmission owner or operator

\_\_\_\_\_distribution provider

\_\_\_\_\_fuel supplier

If further description is needed for the specified entity type, please provide below:

**Item 3: Please provide the total amount (USD) of qualifying resilience investments (as outlined in DE-FOA-00002740) that has been spent for the previous 3 years. Please also provide the time period utilized for calculation of this amount.**

**Total Amount:**

**Time Period for Resilience Investments:**

***Note: Topic Area 1 applicants must submit as part of their application, a report detailing past, current, and future efforts by the eligible entity to reduce the likelihood and consequences of disruptive events. This report should include efforts over at least the previous 3 years and at least the next 3 years and any broader resilience strategy used by the applicant.***

**Item 4: Is the eligible entity a Small Utility as defined in DE-FOA-0002740 (sells no more than 4,000,000 MWh of electricity per year)? If NO is selected, skip to Item 7.**

\_\_\_\_\_Yes

\_\_\_\_\_No

***Note: If YES, applicant must provide their Form 861 for the last reporting year submitted to the Energy***

***Information Administration (EIA).***

**Item 5: Per BIL section 40101(e)(2) (C) APPLICATION LIMITATIONS.—An eligible entity may**

not submit an application for a grant provided by the Secretary under subsection (c) and a grant provided by a State or Indian Tribe pursuant to subsection (d) during the same application cycle.

Therefore, is the eligible entity a Subaward/Subcontract recipient for an application submitted under IIJA Section 40101(d), ALRD 2736? If "YES", please describe the differences between the GRIP FOA 2740 application [40101(c)] and the ALRD 2736 [40101(d)] applications in the box below:

\_\_\_\_\_ Yes

\_\_\_\_\_ No

**TOPIC AREA 2 Specific**

No items

**TOPIC AREA 3 Specific**

**Item 6: Specify (mark with "X") the entity type of the applicant organization:**

\_\_\_\_\_ a State

\_\_\_\_\_ a combination of 2 or more States

\_\_\_\_\_ an Indian Tribe

\_\_\_\_\_ a unit of local government

\_\_\_\_\_ a public utility commission

If further description is needed for the specified entity type, please provide below:

**Item 7:**

**Authorized Organizational Representative (AOR): please provide name, address, phone number and email address for the authorized agent to bind the entity**

**Authorized Organizational Representative (AOR):**

**Name:** Dr. Peter Muhoro

**Address:** 247 Industrial Court, Fredericksburg, VA 22408-2443

**Phone:** 540-891-5817

**E-mail:** pmuhoro@myrec.coop

**Item 8: Signature of Authorized Organizational Representative (AOR)**

Peter Nelson

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