

Request for Proposals

Background

The Eversource Energy Center, established in October 2015, is an industry-academic partnership between the University of Connecticut and Eversource Energy. The Center seeks to engage the multi-disciplinary expertise within the university to further the resilience of the power grid under the following topics:

- **Understanding the social and economic cost/benefit of Eversource's on-going \$437 million resiliency program** (michelle.butler@eversource.com, donald.kane@eversource.com)
- **Distributed energy resources (renewable generation, energy storage and microgrids)** (jennifer.schilling@eversource.com, david.ferrante@eversource.com)
- **Cyber and physical security** (david.benton@eversource.com)
- **Vegetation management** (sean.redding@eversource.com)
- **Data and technology needs (Light detection and ranging and remote sensing technologies)** (bruce.milardo@eversource.com)
- **Climate change and/or sea level rise as it poses a risk to Connecticut and utility companies** (david.vassallo@eversource.com)

We aim to fund up to six projects (\$100,000-\$150,000 each) from October 2016 to December 2017; select projects will have the opportunity to continue to multi-year projects upon completion.

Written Proposal Requirements

Exhibit A provides the cover/signature page of the statement of work. The length of the proposals should not exceed eight (8) pages and should include the following items:

- A clearly defined problem statement and proposal objectives
- Proposed methodology
- Data requirements needed
- Project deliverables
- Project milestones that align with the overall project timeline
- Proposed project budget

Important Dates

- May 19th – Eversource Energy Faculty Forum and Request for Proposals distributed on Center website (eversource.uconn.edu)
- June 20th – Notice of Intent due (Proposal Title, UConn PI, Eversource Contact, Objectives/Deliverables)
- **July 15th – Proposals must be submitted by 5 PM EST to EversourceEnergyCenter@uconn.edu**
- August 29th – Selected PIs will be invited for discussion and contract negotiations
- October 30th – Projects are kicked off

Contact

For more information, please contact Dr. Dave Wanik (dave.wanik@uconn.edu), Center Manager; Dr. Emmanouil Anagnostou (manos@engr.uconn.edu), Director; or Dr. John Volin (john.volin@uconn.edu), Associate Director. Principal Investigators are encouraged to contact Ashley Halpin (ashley.halpin@uconn.edu) for assistance with their proposal budget preparation.

Notice of Intent

Please submit to EversourceEnergyCenter@uconn.edu by Monday, June 20, 2016.

1. Title of Research/Project:

2. UConn Principal Investigator(s):

3. Eversource Energy Point of Contact:

4. Objectives/ Deliverables:

Exhibit A - Statement of Work

This Research Statement of Work is made and entered into effective the ___ day of _____, 201_ by Eversource Energy Service Company, for itself and as agent for its affiliates, having principal offices at 107 Selden Street, Berlin, CT 06037 (“Company”) and UNIVERSITY OF CONNECTICUT (“University”) pursuant to the terms of the SECOND AMENDED AND RESTATED SPONSOR RESEARCH AND SERVICES AGREEMENT between Company and University dated May 1st, 2015 (the “Sponsor Research Agreement”).

Both Parties agree to participate in Research to be conducted in accordance with the terms and conditions of the Sponsor Research Agreement and this Research Statement of Work, provided however, that in the event of a conflict between the terms and conditions of the Sponsor Research Agreement and this Research Statement of Work, the terms of the Sponsor Research Agreement shall be controlling.

- 1. **Title of Research/Project:** *[title]*
- 2. **Research/Project Description:**

- A. **Problem Statement**
- B. **Proposal Objectives**
- C. **Methodology**
- D. **Data Requirements**
- E. **Project Deliverables**
- F. **Project Timetable and Milestones**

University of Connecticut

**The Connecticut Light and Power Company doing
business as Eversource Energy**

By PI: _____

By: _____

Printed Name: _____

Printed Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

By Sponsored Program Services: _____

Printed Name: _____

Title: _____ Date: _____

Exhibit B – Evaluation Criteria

| Criterion | Weight (%) | Score (0-5) |
|------------------------------|------------|-------------|
| 1. Priority Areas | 40 | |
| 2. Deliverables | 30 | |
| 3. Return of investment | 20 | |
| 4. Collaboration | 5 | |
| 5. Timeframe | 5 | |
| Total score (weight x score) | 100 | |

Evaluation Criteria Explanations:

1. **Priority Areas:** How well does the project address one of the priority areas of the request for proposals?
 - Understanding the social and economic cost/benefit of Eversource’s on-going \$437 million resiliency program (michelle.butler@eversource.com, donald.kane@eversource.com)
 - Distributed energy resources (renewable generation, energy storage and microgrids) (jennifer.schilling@eversource.com, david.ferrante@eversource.com)
 - Cyber and physical security (david.benton@eversource.com)
 - Vegetation management (sean.redding@eversource.com)
 - Data and technology needs (Light detection and ranging and remote sensing technologies) (bruce.milardo@eversource.com)
 - Climate change and/or sea level rise as it poses a risk to Connecticut and utility companies (david.vassallo@eversource.com)

2. **Deliverables:** Does the project have well-defined and measurable deliverables?

3. **Return of investment:** Can the team quantify the return of investment in terms of anticipated outcomes and accomplishments, as well as opportunities for future project proposals?

4. **Collaboration:** Does the project involve collaboration with, or leverage on-going Center activities?

5. **Timeframe:** Is the proposed project completion within the 16-month timeframe? Are there any known risks to completing this project as proposed?