

2026-RFQ-UCS-20

Title: Suffolk County Industrial Solar Opportunities Analysis

RFP Title: Utility Consulting Services - Scope 4C- Distributed Energy Resources & Clean Energy

Issue Date: January 16, 2026

Eligible Prime Proposers:

- TRC Engineers, Inc.
- Energy & Environmental Economics
- Vrinda, Inc.
- Levitan & Associates, Inc.
- Accenture LLP

PROJECT REQUEST FOR QUALIFICATIONS (“RFQ”)
CONSULTANT INSTRUCTIONS

RFQ: 2026-RFQ-UCS-20

RFQ Title: Suffolk County Industrial Solar Opportunity Analysis

RFP Title: Utility Consulting Services - Scope 4C, Distributed Energy Resources Support Services

Issue Date: January 16, 2026

Due Date: February 6, 2026

Your firm is invited to submit a quotation to the Long Island Power Authority (“LIPA”) for the above-stated project in accordance with the requirements of the attached Project Request for Qualifications-Scope of Work (“SOW”) document.

Please use the attached Project Request for Qualifications Requirements to provide your firm’s response.

Submission:

Long Island Power Authority (LIPA) has an e-Procurement platform called Bonfire. All RFQ submissions must be uploaded electronically to <https://lipower.bonfirehub.com> . Late proposals will not be accepted, nor will additional time be granted to any individual Contractor.

For a quick tutorial on how to upload a submittal, visit:

Vendor Registration and Submission

Addenda:

If, at any time, LIPA changes, revises, deletes, clarifies, increases or otherwise modifies this RFQ, LIPA will issue a written Addendum to the RFQ which will be uploaded to the Bonfire portal.

Questions shall be submitted in writing using the Bonfire platform no later than the written questions deadline. Questions submitted after the deadline may not be answered. Proposers should rely only on written statements issued through the Bonfire platform.

The list of questions received with answers will be provided to all consulting firms who have been solicited for this Project RFQ via Bonfire.

LIPA will not accept quotations received after the due date. LIPA reserves the right to reject quotations that are incomplete.

This project will be performed on a time and materials basis with a billing amount not to exceed total contract value. Time and materials billing will be based on hourly rates from master contracts.

No work is authorized to commence without written authorization from the responsible LIPA Department Head. The LIPA Department Head responsible for the Project RFQ is Brian Levite, Director of Clean Energy.

PROJECT REQUEST FOR QUALIFICATIONS - SCOPE OF WORK

RFQ: 2026-RFQ-UCS-20

RFQ Title: Suffolk County Industrial Solar Opportunity Analysis

RFP Title: Utility Consulting Services - Scope 4C, Distributed Energy Resources Support Services

Issue Date: January 16, 2026

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LIPA Consulting Mini-RFQ: Suffolk County Industrial Solar Opportunity Analysis

Background:

The Long Island Power Authority (LIPA) is responsible for overseeing performance, planning, and coordination related to clean energy and grid reliability initiatives within its service territory. In this role, LIPA also collaborates closely with PSEG Long Island, as well as state and local partners, to advance clean energy projects that support system reliability, customer affordability, and New York State's clean energy objectives. This work includes targeted analytical studies, stakeholder engagement, and partnerships designed to identify and advance viable clean energy opportunities across Long Island.

LIPA and Suffolk County are exploring a strategic partnership to assess the feasibility of large-scale solar energy development across key industrial areas in Suffolk County. Building on a strong, longstanding collaboration between LIPA and the Suffolk County government, this initiative aims to identify opportunities to deploy distributed solar resources in a manner that enhances grid reliability, supports local economic activity, and promotes clean energy adoption. The effort will evaluate rooftop solar potential, interconnection considerations, and opportunities to streamline processes and reduce costs for businesses interested in participating in renewable energy projects.

The study will focus on the following identified industrial zones:

- Long Island Innovation Park at Hauppauge
- Route 110 Corridor
- Heartland Business Center (Brentwood)
- MacArthur Business Park
- Brookhaven Rail Terminal
- Wyandanch

Project Scope:

LIPA is seeking a consultant to conduct a comprehensive feasibility study of these sites in Suffolk County that will:

1. Assess Rooftop Solar Potential

- Conduct a thorough geospatial analysis to determine available rooftop space for solar installations. This analysis will provide a more detailed, building-specific assessment of rooftops that could be utilized in these areas.
- Identify structural, ownership, and zoning considerations that may affect solar deployment.

2. Map Out Interconnection Processes

- Evaluate existing grid infrastructure and interconnection points serving each industrial zone, with a focus on how distributed solar can be integrated while maintaining system reliability.
- Identify potential constraints, operational considerations, and upgrades needed to accommodate large-scale solar development.

3. Develop a Process for Multi-Building Solar Projects

- Explore opportunities to group multiple buildings into a coordinated or single interconnection application to improve economies of scale and reduce barriers to participation.
- Identify and evaluate whether different business models could coexist, including traditional behind-the-meter solar installations and front-of-meter approaches where property owners lease rooftop space to a solar developer.
- Identify process improvements that could support faster, more streamlined, and cost-effective interconnections while aligning with existing interconnection requirements.

4. Engage Stakeholders and Provide Policy Recommendations

- Engage Suffolk County, local municipalities, industrial park stakeholders, and property owners to identify regulatory, permitting, and market barriers.
- Provide actionable recommendations to improve coordination, streamline permitting and zoning, and align incentives to encourage adoption of commercial and industrial solar projects.

This project will accomplish these goals using the following tasks:

Task 1: Data Collection & Rooftop Assessment

- Utilize aerial imagery, GIS mapping, and engineering evaluations to quantify viable rooftop space.
- Conduct outreach with business owners and industrial park associations, in collaboration with Suffolk County and the Suffolk County IDA, to gauge interest and feasibility.
- Conduct research in conjunction with outreach efforts to gain a deeper understanding of business owners' sentiments toward solar, including both perceived and actual barriers to installation.
- Identify opportunities during outreach to educate site owners about demand response and load management programs, and how these resources may complement solar adoption and support grid reliability.

Task 2: Grid Integration Analysis

- Work collaboratively with LIPA and PSEG Long Island grid engineers to assess existing electrical infrastructure, hosting capacity, and system constraints.

- Develop a roadmap of potential interconnection and grid enhancement strategies that would facilitate large-scale solar deployment while maintaining safe and reliable system operations.

Task 3: Policy & Process Recommendations

- Identify opportunities to accelerate permitting, approvals, and coordination for large-scale commercial and industrial solar projects.
- Develop a proposed framework for multi-building or aggregated solar applications that enables adjacent or related facilities to interconnect as a coordinated project.

Task 4: Report & Next Steps

- Deliver a final feasibility report summarizing key findings, recommended actions, and implementation pathways. The report should include high-level economic considerations for building owners evaluating solar adoption.
- Propose a pilot project in one industrial area to test recommended implementation strategies in partnership with LIPA and Suffolk County.

Proposals should include a timeline of anticipated deliverables based on the objectives and tasks listed above.

Anticipated Project Start Date: March 15, 2026

Please respond to the following questions:

1. Briefly identify the project team available to perform this project and provide a short resume of their recent relevant experience.
2. How much of each team member's time will be dedicated to this project and what role will they play?
3. Has your firm conducted this kind of analysis in the past? Please provide examples of this work and 2-3 project references we can contact.
4. Briefly describe the approach will you use to accomplish this work.
5. If your firm proposes any divergence from the planned tasks in order to achieve the stated objectives, please state those and explain the reason for that approach.
6. What technologies, software, or unique approaches would your firm utilize to accomplish the goals of this project?

The work is expected to be performed virtually, with onsite meetings as needed at LIPA offices (likely no more than quarterly). The detailed scope will be determined jointly between LIPA and the selected service provider.

Schedule of Events:

2026-RFQ-UCS-20 issued on	January 16, 2026
RFQ due date for questions:	January 23, 2026, 3PM
Q&A posted	January 27, 2026, 3PM
RFQ response due date:	February 6, 2026, by 3PM
RFQ anticipated award:	March 2026
Term	1 year with the option for up to two extensions of 6 months/each.

Terms:

The project is targeted to commence in March 2026. The selected consultant will be paid time and materials in accordance with the firm's contract with LIPA.

Project Review Factors: The following factors will be considered in selecting a consultant for this RFQ:

- Proven capability to deliver this kind of work.
- The depth of experience of the proposed consulting personnel with the requirements of the SOW
- The extent to which the response demonstrates an understanding of the SOW, including examples of similar services provided to other utilities
- Proposed project cost, including total cost but also hourly rates and estimation of participation (hours) in performing the SOW.

PROJECT REQUEST FOR QUALIFICATIONS (“RFQ”)

REQUIREMENTS

Qualifications to Perform the Scope of Work (“SOW”):

The following is a listing of the information to be provided in the response. A response that does not include all the information required below may be deemed non-responsive and subject to rejection. **Consultants must respond to all the items listed below, in the order listed. Consultants should limit their response to eight (8) single-sided pages including brief bios for key staff. Staff resumes can be submitted in a separate appendix that does not count toward the eight-page limit. LIPA will also have each firm's MSA submission available if they want to review detailed information on staff or firm qualifications.**

- Detail proposed personnel project experience related to this RFQ. Provide an organizational chart demonstrating how your team will coordinate their efforts. Attach resumes of proposed personnel showing project experience. Identify the location of the home office for proposed consultants.
- Detail the firm's project experience related to this RFQ and provide references to the extent that they were not already included in your response to the RFP for Utility Consulting Services.
- Provide proposed timeline, process components you suggest reviewing, and potential data sets to be used.
- Using the table format below identify proposed personnel and any Subcontractor proposed personnel (if any), contract titles and their availability to work on the project.
- Provide an estimated budget based on your firm's hourly rates and estimated reimbursements as per Article V - Billing Policy and Schedule D – “Fees for Services” in the Utility Consulting Services Contract. Estimated expense items and reimbursement costs should be indicated separately from hourly total costs.

Provide Proposed Personnel / Subcontractor Personnel Cost Estimates:

Proposed Personnel Available for Project*	Personnel Contract Title*	Contract Hourly Rate*	Indicate if Project Personnel works for your firm or subcontractor's firm.	Estimate Number of hours Personnel to work on Project (total)	Percentage of time Personnel available to work on Long Island	Subtotals
Total # of Hours						
Project Total						