

RFQ: 2026-RFQ-UCS-26-

NextGen Distribution Control Room – Strategy & Blueprint

Issue Date: 6/29/26

RFP Title- 2025 RFP for Utility Consulting Services

Eligible Prime Vendors:

- TRC Engineers, Inc., Leidos, EN Specialty Services, LLC, Advance Dital Systems, Inc., Quanta Technology LLC, Siemens Industry, Inc., DST Engineers LLC, Ernst & Young US LLP, Accenture, 4Liberty, Inc.*, Guidehouse Inc., PA Consulting Group, Inc.

PROJECT REQUEST FOR QUALIFICATIONS
("RFQ") CONSULTANT INSTRUCTIONS

RFQ: 2026-RFQ-UCS-26

RFQ Title: NextGen Distribution Control Room, Phase 2

RFP Title: 2025 Utility Consulting Services, Scope 2- Transmission and Distribution

Issue Date: 6/30/2026

Questions: 7/1/26, Answers: 7/2/2026

Due Date: 7/9/2026, 3 PM EST

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:

The Long Island Power Authority (LIPA) has implemented a new e-Procurement platform called Bonfire/Euna Solutions. 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, the 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 via 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 the basis of Fixed Price (Not to exceed amount) based on hourly rates from master contracts.

No work is authorized to commence without written authorization from the responsible LIPA Department Head. The Department Head responsible for the Project RFQ is Umair Zia, Vice President, Transmission & Distribution System performance.

PROJECT REQUEST FOR QUALIFICATIONS - SCOPE OF WORK

RFQ: 2026-RFQ-UCS-26

RFQ Title: NextGen Distribution Control Room, Phase 2

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Issue Date: 6/30/2026

Questions: 7/1/26, Answers: 7/2/2026

Due Date: 7/9/2026, 3 PM EST

Point of Contact: Ms. Maria Gomes Email Address: procurement1@lipower.org

Background:

Since its inception as the owner of the Long Island and Rockaways electric grid in 1998, LIPA has utilized a “public-private partnership” business model, under which LIPA outsources day-to-day operations and management of the transmission and distribution (“T&D”) system to a private utility (“Service Provider”). Between 1998 and 2013, the LIPA system was operated by KeySpan and its successor, National Grid. Beginning in 2014, LIPA awarded the Service Provider contract to PSEG Long Island, a subsidiary of Public Service Enterprise Group Inc.

Scope of Work:

Objective:

The Long Island Power Authority (LIPA) seeks proposals from qualified consulting firms to build upon a Next Generation Distribution Control Room Roadmap strategy. The selected consultant will work collaboratively with LIPA and it’s service provider, PSEG Long Island, to establish the operational, organizational, and governance structures necessary to support the transition toward a modern, digitally enabled distribution control room capable of supporting an ADMS, including but not limited to an enhanced OMS, DER integration, advanced analytics, and future operational technologies. The desired work for this effort will align with, and draw from, objectives associated with a previously developed roadmap (Next Generation Distribution Control Room -Strategy and Blueprint).

This effort will focus on three primary workstreams:

1. Transition to Digital Map Operations
2. Operator Training Strategy & Organizational Design
3. Value Creation, Prioritization & Roadmap Execution

Workstream 1: Transition to Digital Map Operations

Develop a comprehensive business readiness and operational transition plan to support the migration from paper-based operating practices to digital map-based operations as part of the DSCADA modernization program.

The consultant shall evaluate impacts to operational processes, organizational roles, technology workflows, and supporting systems while defining a structured deployment readiness approach.

Scope Activities:

- Assess current-state paper-based operational workflows within Distribution System Operations.
- Define in detail future-state digital operating model and business processes.
- Identify upstream and downstream dependencies associated with digital map implementation.

- Evaluate data quality, mapping standards, and operational data governance requirements.
- Develop transition strategies for operators, dispatchers, supervisors, and supporting organizations.
- Define operational cutover and deployment readiness requirements.
- Establish change management and communications strategies.
- Develop training and adoption requirements supporting the transition.

Workstream 2: Operator Training Strategy & Organizational Design

Develop the future-state Distribution Operations workforce strategy, organizational design, and training framework necessary to support NextGen control room capabilities and technologies.

The consultant shall define the workforce, skills, training programs, and supporting learning technologies required to successfully operate within the current-state, transitional-state, and future-state environment.

Scope Activities:

- Assess current organizational structure, roles, responsibilities, and workforce capabilities.
- Define in detail future-state Distribution Operations organizational model aligned to the NextGen roadmap.
- Identify workforce impacts associated with ADMS, OMS, DERMS, FLISR, DSCADA, digital mapping, training platforms, and any other future technology deployments.
- Conduct Job Task Analyses (JTAs) for key operational positions.
- Identify competency, knowledge, and skills gaps.
- Define future staffing and planning considerations.
- Develop a multi-year operator training strategy aligned with roadmap deployment sequencing.
- Evaluate and provide guidance on learning management and simulation technologies supporting operator qualification and continuous learning.
- Define certification and proficiency requirements.

Workstream 3: Value Creation, Prioritization & Roadmap Execution

Develop detailed business cases, implementation sequencing, governance structures, and value realization mechanisms to support execution of the NextGen Distribution Control Room transformation.

The consultant shall establish a framework that enables LIPA and its service provider to prioritize investments, track benefits realization, and manage roadmap execution.

Scope Activities

- Refine and validate initiatives identified in the NextGen roadmap around people, process, technology and facilities.
- Develop business cases for process, organizational, and technology initiatives.
- Quantify expected operational, reliability, resiliency, safety, customer experience, and financial benefits.
- Identify implementation costs, resource requirements, and dependencies.
- Align initiatives with Utility 2.0 objectives and strategic priorities.
- Develop initiative prioritization criteria and scoring methodology.
- Create integrated sequencing across people, process, technology, and facilities workstreams.
- Establish governance structures for roadmap execution.
- Develop value realization and performance tracking mechanisms.
- Define reporting and executive oversight requirements.

Stakeholder Engagement will be central to this work.

Schedule of Events:

RFQ:	June 30, 2026
Questions Due:	July 1, 2026, 3PM, Answers: 7/2/26
RFQ response due date:	July 9, 2026, by 3:00 PM
RFQ anticipated award:	July 2026
Anticipated start date for awarded firm:	July 2026

Project duration estimate:

6 months with the option to extend for up to 2 additional periods of 6 months/ each.

Terms:

The project is targeted to commence in July 2026. The actual project term is subject to adjustment by LIPA depending on the progression of the work and may go beyond the project duration estimated period and the current calendar year. The selected consultant will be paid time and materials in accordance with the firm's contract with LIPA, subject to an agreed-upon cap.

Project Review Factors (the same as the underlying RFP)

The following factors will be considered in selecting a consultant for this RFQ: i) hourly rates and estimation of participation (hours) in performing the SOW as requested on Pages 2 and 3; ii) the extent to which the response demonstrates an understanding of the SOW, including examples of similar services provided to other utilities; iii) the depth of experience of the proposed consulting personnel with the requirements of the SOW; and iv) the bench strength of the proposed consulting personnel to deliver service when one or more consultants are unavailable.

Additional Comments:

While LIPA seeks one consultant for this project, LIPA reserves the right to select more than one consultant with complementary skills to conduct selecting portions of the SOW or no consultants if such skills and experience cannot be demonstrated.

The LIPA staff (*and other internal consultants*) will review the consultant(s) work and will assume an active role in the review including oversight, coordination, independent review of consultant methodology, findings, and progress as to scope, budget, and schedule.

Deliverables:

The consultant shall produce the following high-level deliverables. Subject to mutual agreement of the consultant with LIPA and PSEG Long Island, additional deliverables may be requested during the project.

1. Project Execution Plan (Week 1)
 - Detailed project work plan outlining scope, methodology, schedule, stakeholder engagement approach, data needs, and communication protocols.

2. Current-State Assessment and Preliminary Findings (Within 90 Days)
 - Comprehensive assessment of people, processes, technology, and facilities relevant to the NextGen control room.
 - Evaluation of current systems and readiness for OT systems implementation, including integration gaps and upgrade requirements.
 - Preliminary guiding principles, organizational alignment recommendations, and benchmarking insights.

3. Final Roadmap and Implementation Blueprint (Within 180 Days)

- Phased, prioritized roadmap for NextGen control room transformation, including module sequencing for OT systems, dependencies, and investment requirements.
- Future-state organizational model, facility requirements, and measurable performance outcomes for reliability, resiliency, and customer experience.
- Guidance on the role of AI-driven automation and advanced analytics in shaping future operations, workforce skills and work processes.
- Actionable blueprint enabling long-term transformation and alignment with industry best practices.

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 ten (10) single-sided pages not including resumes.**

- Detail proposed personnel project experience related to this RFQ. 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.
- Detail the proposed approach to performing the work.
- Detail any potential conflicts of interest - identify and attach information regarding any current or past work performed for Navigant Consulting, Inc., National Grid, KeySpan, Con Edison, Public Service Enterprise Group, or Lockheed Martin Corporation, and address how any potential conflicts of interest would be resolved.
- 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 in Long Island	Subtotals
TOTAL						

*Per Schedule D in the 2025 Approved Utility Consulting Services Contract