



First Public Hydrogen Authority

Request for Qualifications (RFQ)

RFQ No. 01-25

**Stationary Power & Microgrid System Integration Solutions
Submission Deadline - Ongoing**

Released: December 3, 2025

Contact: procurement@fph2.org

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STATIONARY POWER & MICROGRID SYSTEM INTEGRATION SOLUTIONS

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SECTION A – RFQ DESCRIPTION & BACKGROUND

RFQ Description: First Public Hydrogen Authority (FPH₂) is soliciting qualifications from firms (“Respondents”) with demonstrated expertise in the planning, design, integration, deployment, and maintenance of stationary power systems and microgrid solutions. This Request for Qualifications (RFQ) seeks to establish a pool of qualified partners that may be engaged for future projects under FPH₂’s energy infrastructure initiatives.

This RFQ is not a request for proposal or pricing. It is an open process intended to identify and pre-qualify experienced firms capable of supporting a variety of future energy projects.

Background: As a leader in sustainable energy innovation and with a proven record of accomplishment as a successful energy service provider, through the California Choice Energy Authority and Lancaster Energy Community Choice Aggregator (CCA), the City of Lancaster, in collaboration with the City of Industry, established the First Public Hydrogen Authority (FPH₂) through a Joint Exercise of Powers Agreement (JPA).

FPH₂ was created to advance the development, deployment, and integration of clean hydrogen and related energy technologies across California. As the nation’s first public hydrogen authority, FPH₂ serves as a critical nexus connecting producers and off-takers within the renewable hydrogen sector, fostering a seamless and transparent marketplace that accelerates the adoption of hydrogen-based solutions.

Building on its success in renewable fuel and hydrogen programs, FPH₂ is now expanding into stationary power and microgrid development to strengthen California’s energy resilience, reliability, and decarbonization efforts.

Through this RFQ, FPH₂ seeks to qualify system integrators, engineers, and technology providers to participate in future stationary power, distributed energy storage, and microgrid-related projects throughout California.

FPH₂ is committed to sustainable workforce practices. Firms may be required to provide an enforceable commitment that they and their subcontractors will use a skilled and trained workforce for all project work that falls within an apprentice-able occupation, in accordance with applicable California law, unless covered by a Project Labor Agreement.

Responses to this RFQ No. 01-25 are accepted on rolling basis. Submittals will be reviewed periodically to ensure a continuous pool of qualified partners. It is the sole responsibility of the Respondent to ensure that FPH₂ receives the proposal.

To accommodate the ongoing nature of this Request for Qualifications (RFQ) No. 01-25, and to ensure timely review of all submittals, the following process **must** be followed for the submission of your Statement of Qualifications (SOQ):

- **Mandatory Submission Method:** All Statements of Qualifications (SOQs) must be submitted exclusively through the **Q&A Module** within FPH2's PlanetBids portal.
- **Submission Format:** Respondents must treat their entire SOQ, following the requirements in Section C, as an "**attachment**" to a Q&A inquiry.
 - Initiate a new question in the Q&A module.
 - The subject line of your "question" must clearly read: "**SOQ Submission - [Your Firm's Name]**"
 - In the body of the "question," please state: "**Please find the complete Statement of Qualifications for [Your Firm's Name] attached to this inquiry.**"
 - **Attach** the final SOQ document (and any required appendices) to this submission as a single, compiled file whenever possible.
- **Purpose of Method:** This method ensures FPH2 can access and periodically review your SOQ as soon as it is submitted, facilitating the continuous qualification process described in this RFQ.
- **Official Close Date:** Please note that the system's official close date for this solicitation will be set for **December 1, 2027**, purely for administrative purposes within the platform. However, submissions are reviewed on a rolling basis, and firms are encouraged to submit their SOQ at any time prior to this date.

To participate in the solicitation process, your firm must register with PlanetBids at <https://pbsystem.planetbids.com/portal/75445/portal-home>. You must be a registered bidder for this solicitation to receive notifications of activities pertaining to the solicitation, such as addenda, awards, and cancellations.

Qualified firms will be added to FPH2's roster of pre-approved partners eligible for future project solicitations. Inclusion on this list does not guarantee future contracting opportunities. FPH2 reserves the right to accept or reject any or all proposals, or any part thereof, and waive any informalities deemed in the best interest of FPH2.

All requests for information, clarifications, and exceptions/deviations must be submitted through the Q&A section of PlanetBids. FPH2 will review and respond to questions periodically by issuing a written addendum. Questions not submitted through the Q&A section will not be considered and may result in the Proposal being deemed non-responsive.

FPH2 reserves the right to withdraw or cancel this solicitation at any time without prior notice and FPH2 makes no representation that any award will be made to a Respondent responding to this solicitation.

Validity and Renewal of Qualifications

1. **Term of Qualification:** A firm's placement on FPH₂'s roster of qualified partners will be valid for a period of three (3) years from the date of official notification of qualification.
2. **Re-Submission:** Firms may submit an updated Statement of Qualifications (SOQ) at any time to reflect significant changes in their personnel, technical expertise, or project experience. FPH₂ reserves the right to review and update a firm's qualification status based on the new submittal.
3. **Removal from Roster:** FPH₂ reserves the right to remove a firm from the qualified roster if, in FPH₂'s judgment, the firm fails to meet current experience requirements, exhibits poor performance on FPH₂ projects, or if the initial three (3) year term has expired without renewal.

SECTION B – SCOPE OF WORK

The following scope areas represent the range of services FPH₂ anticipates may be required under future projects. Firms are encouraged to identify their areas of specialization within these categories. FPH₂ anticipates a wide range of project opportunities in support of distributed energy and microgrid systems. Qualified firms may be requested to provide one or more of the following services:

1. Stationary Power Systems: Design, engineering, and implementation of generation and storage systems.
2. Microgrid Design and Integration: Development of site-specific solutions for microgrid architecture, controls, and interconnection.
3. System Integration: Implementation of energy management, Supervisory Control and Data Acquisition (SCADA), and automation platforms.
4. Energy Storage and Hydrogen Integration: Design and deployment of systems integrating hydrogen storage, fuel cells, and renewable generation assets.
5. Technical and Engineering Services: Feasibility studies, site assessments, and performance modeling.
6. Project Management: Construction support, commissioning, and technical oversight.
7. Engineering, Procurement, and Construction (EPC): Turnkey delivery of project infrastructure including detailed engineering, procurement of major equipment and systems, construction, installation, and commissioning of distributed energy, microgrid, and hydrogen systems.
8. Regulatory and Compliance Support: Permitting, interconnection, safety, and standards compliance.
9. Financing Solutions and Ownership Structuring: Support in developing or structuring project financing, funding mechanisms, or public-private partnership models that enable project execution and long-term sustainability.

SECTION C – QUALIFICATIONS/SUBMITTAL REQUIREMENTS

Interested firms should submit a concise and complete Statement of Qualifications (SOQ) through FPH₂'s PlanetBids portal. The SOQ should follow the template/outline below and clearly describe the firm's relevant experience, areas of expertise, and capacity to support FPH₂ initiatives.

1. Cover Letter: Introduce your firm and summarize relevant experience.
2. Company Profile: Include history, ownership, and key contact information.
3. Organizational Documents: A copy of the organizational documents or agreement committing to form the organization (if the firm is a corporation, LLC, partnership, or joint venture).
4. Ownership Disclosure: If a privately held corporation, limited liability company, partnership, or joint venture, a listing of all the shareholders, partners, or members known at the time of SOQ submission who will perform work on the project.
5. Key Personnel: Identify team members who may support future work, including their credentials and roles.
6. Statement of Qualifications: Describe your firm's technical expertise and experience with similar projects.
7. Relevant Project Experience: Provide examples of stationary power, distributed energy, or microgrid projects completed within the past five (5) years.
8. Financial Capacity: A recent, independently prepared financial statement demonstrating the firm's capacity to complete projects of similar size, scope, or complexity.
9. Licensing, Bonding and Insurance:
 - a. Credentials: A list of the licenses, registration, and credentials required to design and construct the project, including information on the revocation or suspension of any license, credential, or registration in the past five (5) years.
 - b. Insurance Capacity: Evidence that the firm has the capacity to obtain all required payment and performance bonding, liability insurance, and errors and omissions insurance for projects of this type.
10. Safety Record and Program: Submit information demonstrating an acceptable safety record, including a description of the firm's worker safety program and information concerning its workers' compensation experience history.

A proposer's safety record shall be deemed acceptable if the following criteria are met:

- Its Experience Modification Rate (EMR) for the most recent three-year period is an average of 1.00 or less.
- Its average Total Recordable Injury or Illness Rate (TRIR) and average Lost Work Rate (LWR) for the most recent three-year period does not exceed the applicable statistical standards for its business category.
- Alternatively, the proposer is a party to an alternative dispute resolution system as provided for in Section 3201.5 of the Labor Code.

11. Optional References: Include contact information for recent clients for comparable work.

Note, submissions should not exceed 30 pages (excluding cover, resumes, and appendices). FPH₂ reserves the right to verify any information provided in the Respondent's proposal, and the Respondent agrees to provide any necessary documentation or access to facilities to facilitate such verification.

Certification of Submittal: The information required under this RFQ must be certified under penalty of perjury by the Respondent and its general partners or joint venture members.

SECTION D – SELECTION PROCESS

An evaluation committee will review submissions to determine qualifications and overall fit with FPH₂'s mission.

This RFQ establishes a roster of qualified partners. In the event FPH₂ issues any subsequent project-specific Request for Proposals (RFP), FPH₂ will clearly identify the expected cost range of the project, the methodology that will be used by FPH₂ to evaluate proposals (e.g., best value vs. low bid), and the procedure for final selection of the contracted entity.

Selection will be based on demonstrated experience, technical capability, and alignment with FPH₂'s clean energy goals, as well as the following factors:

1. Demonstrated experience in all service areas and technical capabilities described in Section B, including but not limited to stationary power, microgrids, and energy systems integration.
2. Organizational qualifications and structure
3. Technical and managerial qualifications of key personnel.
4. Financial capacity and stability.
5. Licensing, credentials, bonding, and insurance capacity.
6. Experience in project financing, funding mechanisms, or ownership structuring for public or public-private energy projects.
7. Record of successful performance on comparable projects.
8. Innovative approaches that support resiliency and sustainability.
9. Capacity to manage multiple projects and scale to meet future demand.
10. Safety record and program.

Firms determined to be qualified will be notified and may be invited to submit competitive sealed proposals to participate in project-specific solicitations as opportunities arise.

SECTION E – GENERAL CONDITIONS

- **No Obligation to Contract:** FPH₂ is not obligated to award any contract or issue any work to a firm qualified through this RFQ. Qualification only establishes eligibility to be considered for future project-specific solicitations or task orders.
- **Ownership of Materials:** All materials submitted in response to this RFQ become the property of FPH₂ and will be subject to the California Public Records Act.
- **Cost of Submission:** All costs incurred by the Respondent in preparing and submitting their Statement of Qualifications (SOQ) are the sole responsibility of the Respondent.
- **Governing Law:** This RFQ and any subsequent agreement shall be governed by and construed in accordance with the laws of the State of California.