



PACIFIC INTERNATIONAL CENTER FOR HIGH TECHNOLOGY RESEARCH
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REQUEST FOR PROPOSAL MICRO-GRID SYSTEMS

Posting Date: December 29, 2024

Deadline for Receipt: January 24, 2025 – 2:00 p.m. HST

The Pacific International Center for High Technology Research (PICHTR) is seeking sources of Micro-Grid Systems. Up to 5 systems are expected to be provided with various configurations to best meet the requirements of the facility and users. At minimum, the systems will power villages of homes with a central kitchen and restroom facility, and a climate-controlled farming system. The work will be performed in coordination with a subcontractor and the facility management.

A microgrid is local with energy creation for nearby users, independent and can be disconnected from the central grid, and manage energy generators (photovoltaics, wind, fuel cells), batteries, and nearby building energy systems with a high degree of sophistication. Microgrids may contain other energy resources such as combined heat and power, wind power, reciprocating engine generators, and fuel cells.

REQUIREMENTS

Interested parties should send a proposal with pricing and technical specifications for the various systems and configuration options of micro-grid system equipment and training for installation and operation of the systems to the following address or by e-mail to keith.matsumoto@pichtr.org:

PICHTR PROGRAMS DIRECTOR

1440 Kapiolani Boulevard, Suite 1410
Honolulu, Hawaii 96814

EVALUATION CRITERIA

The selection of sources will not be based on the lowest bid but a combination of technical capabilities, fit to the end-use cases, and other factors. PICHTR will provide procurement preferences to Minority Business Enterprises and Women-Owned Business Enterprises.

ADDITIONAL REQUIREMENTS

- 1) Compliance with the Environmental Protection Agency General Terms and Conditions Effective October 1, 2024
- 2) Compliance with 2 CFR Part 200 Uniform Administrative Requirements

3) Procurement

- i) All procurement transactions will be conducted in a manner providing full and open competition consistent with 2 CFR § 200.319. In accordance with 2 CFR § 200.324, a cost or price analysis in connection with applicable procurement actions, including contract modifications.

4) Build America, Buy America Act (BABA)

- i) Proposals must comply with the Build America, Buy America Act (BABA). All materials and components utilized in the Climate Controlled Farming Systems must be produced in the United States unless granted a waiver by PICHTR. Respondents must provide a certification of compliance with BABA or indicate any components that may require a waiver, with justification.

5) Insurance Requirements

Respondents must include proof of insurance meeting the following minimum requirements:

- i) General Liability Insurance: Coverage of at least \$1,000,000 per occurrence and \$2,000,000 aggregate.
- ii) Workers' Compensation Insurance: In compliance with state and federal laws.
- iii) Professional Liability Insurance: Coverage of at least \$1,000,000 per claim (if applicable to design or engineering services).
- iv) Automobile Liability Insurance: Coverage of at least \$1,000,000 combined single limit for all owned, hired, and non-owned vehicles used in connection with the project.

Proof of insurance must be submitted with the proposal. PICHTR reserves the right to request additional coverage if necessary.

For any questions regarding the RFP, please contact Keith Matsumoto at keith.matsumoto@pichtr.org.