

Request for Quote/Proposal (RFQ/RFP)

Commodity/Service Required:	Pre-Feasibility Study for Strengthening Energy Resilience in the Northern Luzon EDCA Cluster Communities
Type of Procurement:	One-Off Purchase Agreement
Type of Contract:	Purchase Order
Term of Contract:	3 months
Contract Funding:	U.S. Department of State (DOS)
This Procurement supports:	Energy Secure Philippines Activity (ESP)
Submit Proposal to:	Ms. Divina B. Chingcuanco Chief of Party, ESP RTI International via email: jvitan@energysecure.ph
Date of Issue of RFP:	July 6, 2026
Date Questions from Supplier Due:	July 13, 2026 5:00 PM Philippine Standard Time
Date Proposal Due:	July 20, 2026 5:00 PM Philippine Standard Time
Approximate Date Purchase Order Issued to Successful Bidder(s):	On or before August 10, 2026

Method of Submittal:	
Email to jvitan@energysecure.ph	
Respond via e-mail with attached document in MS Word / pdf format. The Bidder/Seller agrees to hold the prices in its offer firm for 60 days from the date specified for the receipt of offers, unless another time is specified in the addendum of the RFP/RFQ.	
Solicitation Number:	ESP-RFP-2026-046

Attachments to RFP:

1. Attachment "A" – Commodity Specifications
2. Attachment "B" – Instructions to Bidders/Sellers
3. Attachment "C" – List of Geocode 937 compliant countries
4. All PO Terms and Conditions are listed on our website at: [RTI-PO-Terms_English_Version_v1.21.pdf](#) or for commercial items: http://www.rti.org/files/PO_FAR_Clauses_Commercial_Items.pdf (hereinafter the "Terms").
Supplier's delivery of products, performance of services, or issuance of invoices in connection

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with this purchase order establishes Supplier's agreement to the Terms. The Terms may only be modified in writing signed by both parties.

All bidders/sellers are responsible to carefully review each attachment and follow any instructions that may be relevant to this procurement.

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Attachment A

Commodity Specifications

Statement of Work

Description of Activity/Service:

Energy Secure Philippines (ESP) is a multi-year U.S. Government-funded program implemented by RTI International to support the Government of the Philippines in strengthening the country's energy security and reliability. ESP promotes a more competitive and resilient power sector by mobilizing investment, supporting policy and regulatory reforms, and accelerating the deployment of modern energy technologies. Through these efforts, ESP contributes to inclusive economic growth, increased private-sector participation, and stronger energy sector performance.

On January 20, 2025, the U.S. Government issued Executive Order 14169 to review and realign U.S. foreign assistance. Within this context, the America First policy frames foreign assistance as a tool for advancing direct U.S. national interests, with emphasis on national security, economic competitiveness, and strategic priorities. It favors assistance that delivers measurable returns for the United States, supports trade and investment, leverages private-sector solutions and cost-sharing, and demonstrates clear cost-effectiveness and policy alignment. Programs viewed as inefficient, dependency-creating, or insufficiently linked to U.S. interests may be reduced, restructured, or deprioritized.

In the Philippines, one important area where these priorities converge is the strengthening of strategic infrastructure and host-community resilience around Enhanced Defense Cooperation Agreement (EDCA) sites. These sites are designated Armed Forces of the Philippines installations that support defense cooperation, interoperability, humanitarian assistance and disaster response, and capability development between the Philippines and the United States. The nine current EDCA sites are distributed across Luzon, Visayas, and Mindanao, providing strategic coverage across key air, land, and maritime domains. Together, these sites enhance the ability of both countries to respond to security challenges, natural disasters, and other contingencies.

ESP provides a strategic platform for advancing the objectives of the America First policy by aligning U.S. foreign assistance with shared geopolitical, economic, and national security priorities. By providing technical assistance to host communities surrounding EDCA sites, ESP can help strengthen local energy resilience, support defense readiness, and improve disaster response capabilities. At the same time, ESP extends the benefits of these investments to nearby communities by promoting reliable energy access, inclusive economic growth, and greater resilience to disruptions.

ESP invites proposals for a pre-feasibility study to identify practical approaches for strengthening energy resilience in communities surrounding EDCA sites in the Philippines, with an initial focus on the Northern Luzon EDCA Cluster. This cluster includes:

1. Naval Base Camilo Osias, Santa Ana, Cagayan
2. Lal-lo Airport, Cagayan

3. Camp Melchor Dela Cruz, Gamu, Isabela

Located in Northern Luzon, these sites support strategic operations around the Luzon Strait and the country's northern corridor, making energy resilience essential for both mission readiness and community continuity. The study will assess solutions that can maintain reliable power supply during transmission grid outages, particularly for critical facilities and essential community services. Rather than focusing solely on conventional hardware upgrades or passive backup systems, the study will emphasize intentional islanding strategies that create resilient energy corridors, integrate critical loads in nearby communities, and sustain essential operations during grid disruptions.

Product or Service Expectations (both if applicable):

Service Provider shall perform the following tasks (not necessarily in the order set out below):

Task 1: Project Siting and Footprint

Bidders must conduct a multi-layered technical and logistical evaluation to determine where energy assets should be placed. This includes identifying candidate sites with priority given to facilities requiring continuous connectivity for early warning systems and data transmission. Sites should be prioritized and documented through maps, visual diagrams, and site photos. Field assessments must evaluate accessibility for heavy equipment, considering terrain, hydrology, and road infrastructure. Resource and space assessments must determine land or rooftop availability and community size, while siting must also account for proximity to critical infrastructure and risks associated with the local fuel supply chain.

Task 2: Site Inspections

Physical inspections are required to establish baseline data that cannot be obtained remotely. These inspections must verify existing power supply, current generation capacity, and load profiles. They should also identify environmental constraints such as exposure to typhoons, earthquakes, or wildfires, and assess renewable resource potential including solar irradiance and wind capacity.

Task 3: Coordination with Stakeholders

Engagement with local entities is a critical enabler of success. Bidders must engage directly with local power distributors and host communities to identify specific energy security needs and practical and sustainable solutions. Risk assessment must include community acceptance and cooperation, while coordination should ensure alignment with applicable legal and regulatory frameworks including those governing distribution, microgrid development, environment and land use. This engagement will clarify requirements, including critical load profiles and anticipated future energy needs for EDCA sites and host communities.

Task 4: Technology and Reliability Analysis

The study must identify optimal combinations of generation, storage, and control technologies, supported by contingency modeling to ensure reliability under stress conditions. Generation and storage assessments should include solar PV, wind, diesel, and battery options. Control systems must incorporate Energy Management Systems or Microgrid Controllers capable of seamless island transitions. Modeling should demonstrate active response capabilities, where intelligent switchgear detects faults and detaches

from the grid to form stable islands. Reliability must be proven under severe weather, disaster risks, and prolonged disruptions, with emphasis on autonomy through renewable integration rather than short-term runtime.

Task 5: Load Profiling

Bidders must distinguish between critical facilities such as hospitals, emergency services, and telecommunications, and general-use loads. Strategies for prioritization during blackouts should be developed, supported by intelligent switchgear that enables active fault clearing and intentional islanding to protect critical corridors.

Task 6: Advanced System Integration

Integration with distribution utilities must be evaluated, including Automatic Circuit Reclosers, Automatic Transfer Switches, and grid-forming inverters, with reference to international interoperability standards.

Task 7: System Control Requirements

Energy Management Systems or Microgrid Controllers must be specified to ensure seamless island transitions, black start capability, and resynchronization with the grid.

Task 8: Economic Analysis

Proposals must compare the levelized cost of electricity across technology options while quantifying resilience benefits such as avoided outage costs. Particular emphasis should be placed on the value of maintaining 24/7 connectivity for early warning and disaster response systems.

Task 9: Futureproofing

Bidders must assess scalability for expanded demand scenarios such as electric vehicle charging, defense expansion, community expansion, and climate-driven shifts in energy use.

Task 10: Implementation

The study must analyze technical, regulatory, environment and land-use, and interoperability challenges, to ensure that solutions and mechanisms comply with the Philippine Distribution Code, ERC/DOE microgrid guidelines, and other applicable laws and regulations.

Implementation schedules must be structured into immediate (1–2 years), near-term (3–5 years), and long-term (5–10 years) options, supported by GIS-based mapping and consideration of environmental and social safeguards.

Task 11: Pathways

Proposals should outline feasible business models such as public-private partnerships, cooperative-utility collaborations, and defense-community coordination.

Special Mandate

This study is strictly separate from any construction phase to preserve objectivity and ensure that recommendations are based on technical merit and community needs.

Deliverables, Timelines, Special Terms and Conditions:

1. Key Deliverables:

- Site Selection Plan
 - Site assessment and selection plan

- Local community engagement plan
- Site Assessment Report
 - Identified sites
 - Assessment and analysis of selected sites
 - Identified stakeholders
 - Identification of requirements for siting
 - Risk register
- Pre-Feasibility Study - This shall support the Options Playbook for each EDCA community.
 - Technological and reliability analysis
 - Load analysis
 - Advanced system integration
 - System control requirements
 - Economic analysis
 - Futureproofing
 - Implementation constraints
 - Pathways
- Options Playbook for each EDCA community. This playbook must present multiple technology combinations and system design alternatives, comparative matrices of trade-offs and costs, risk registers, and phased implementation roadmaps.

2. Project Schedule

Service Provider shall indicate the estimated timelines in the proposal.

3. Bidder Qualifications

To qualify, bidders must demonstrate strong capabilities in data analysis, including historical consumption and peak demand profiling; site and resource assessment covering solar and wind potential as well as land and rooftop availability; regulatory expertise in Philippine power distribution, microgrid frameworks and power project development; and stakeholder engagement with local distributors, cooperatives, and community leaders.

4. Cost Proposal

- Fixed-price cost proposal with assumptions.
- Milestone-based pricing.
- Any proposed travel, workshop, training, or equipment-related costs.

5. Required Administrative Documents

- Proof of legal registration
- List of previous clients and relevant assignments
- Signed RFP document (pages 7 and 11)
- Completed pricing table
- Any required representations, certifications, or compliance documentation
- The proposal to be submitted should all be Geocode 937 compliant (Annex 1).

ESP reserves the right to award to several bidders and fund any or none of the applications submitted, subject to the availability of funds.



Pricing

Item #	Quantity to be Purchased	Description of Preferred Commodity or Services Specifications	Unit of Measure	Unit Fixed Price (Each)	Total Fixed Price (Each)	Lead Time Availability (Number of Days)
1						
2						
3						
Total Value						

By signing this attachment, the bidder confirms he has a complete understanding of the specifications and fully intends to deliver items that comply with the above listed specifications.

Signature:

Title:

Date:

Attachment “B” Instructions to Bidders/Sellers

1. **Procurement Narrative Description:** The Buyer (RTI) intends to purchase commodities and/or services identified in Attachment A. The Buyer intends to purchase the quantities (for commodities) and/or services (based on deliverables identified in a Statement of Work). The term of the Ordering Agreement shall be from Award Date to the Delivery date of the Offeror unless extended by mutual agreement of the parties. The Buyer intends to award to a single “approved” supplier based on conformance to the listed specifications, the ability to service this contract, and selling price. We reserve the right to award to more than one bidder. If an Ordering Agreement is established as a result of this RFQ/RFP, supplier understands that quantities indicated in the specifications (Attachment A) are an estimate only and RTI does not guarantee the purchase quantity of any item listed.

2. **Procuring Activity:** This procurement will be made by **Research Triangle Institute (RTI International)**, located at

Manila, Philippines.

(insert full address of the office)

who has a purchase requirement in support of a project funded by

U.S. Department of State

(insert client’s name)

RTI shall award the initial quantities and/or services and any option quantities (if exercised by RTI) to Seller by a properly executed Purchase Order as set forth within the terms of this properly executed agreement.

3. **Proposal Requirements.** All Sellers will submit a quote/proposal which contains offers for all items and options included in this RFQ/RFP. All information presented in the Sellers quote/proposal will be considered during RTI’s evaluation. Failure to submit the information required in this RFQ/RFP may result in Seller’s offer being deemed non-responsive. Sellers are responsible for submitting offers, and any modifications, revisions, or withdrawals, so as to reach RTI’s office designated in the RFQ/RFP by the time and date specified in the RFQ/RFP. Any offer, modification, revision, or withdrawal of an offer received at the RTI office designated in the RFQ/RFP after the exact time specified for receipt of offers is “late” and may not be considered at the discretion of the RTI Procurement Officer. The Seller’s proposal shall include the following:

(a) The solicitation number:

(b) The date and time submitted:

(c) The name, address, and telephone number of the seller (bidder) and authorized signature of same:

(d) Validity period of Quote:

(e) A technical description of the items being offered in sufficient detail to evaluate compliance with the requirements in the solicitation. This may include product literature, or other documents, if necessary.



- (f) If RTI informs Seller that the Commodity is intended for export and the Commodity is not classified for export under Export Classification Control Number (ECCN) “EAR99” of the U.S. Department of Commerce Export Administration Regulations (EAR), then Seller must provide RTI the correct ECCN and the name of Seller’s representative responsible for Trade Compliance who can confirm the export classification.
 - (g) Lead Time Availability of the Commodity/Service.
 - (h) Terms of warranty describing what and how the warranties will be serviced.
 - (i) Special pricing instructions: Price and any discount terms or special requirements or terms (special note: pricing must include guaranteed firm fixed prices for items requested.)
 - (j) Payment address or instructions (if different from mailing address)
 - (k) Acknowledgment of solicitation amendments (if any)
 - (l) Past performance information, when included as an evaluation factor, to include recent and relevant contracts for the same or similar items and other references (including points of contact with telephone numbers, and other relevant information)
 - (m) **Special Note:** *The Seller, by his response to this RFQ/RFP and accompanying signatures, confirms that the terms and conditions associated with this RFQ/RFP document have been agreed to and all of its attachments have been carefully read and understood and all related questions answered.*
4. **Forms:** Sellers (potential bidders or suppliers) must record their pricing utilizing the format found on Attachment “A”. Sellers must sign the single hardcopy submitted and send to address listed on the cover page of this RFQ/RFP.
5. **Questions Concerning the Procurement.** All questions in regards to this RFQ/RFP to be directed to

Jan Ranizen Vitan, Procurement and Contracts Manager
(insert name of procurement officer)

at this email address:
jvitan@energysecure.ph
(insert email address of the procurement officer).

The cut-off date for questions is *(insert date)*.
July 13, 2026 5:00PM Philippine Standard Time

6. **Notifications and Deliveries:** Time is of the essence for this procurement. Seller shall deliver the items or services no later than the dates set forth in the contract that will be agreed by both parties as a result of this RFQ/RFP. The Seller shall immediately contact the Buyer's Procurement Officer if the specifications, availability, or the delivery schedule(s) changes. Exceptional delays will result in financial penalties being imposed of Seller.
7. **Documentation:** The following documents will be required for payment for each item:
 - (a) A detailed invoice listing Purchase Order Number, Bank information with wiring instructions (when applicable)
 - (b) Packing List
 - (c) All relevant product/service documentation (manuals, warranty doc, certificate of analysis, etc.)
8. **Payment Terms:** Refer to RTI purchase order terms and conditions found in https://www.rti.org/sites/default/files/rti-po-terms_v1.21.pdf, http://www.rti.org/files/PO_FAR_Clauses.pdf, or http://www.rti.org/files/PO_FAR_Clauses_Commercial_Items.pdf. Payment can be made via wire transfer or other acceptable form. Sellers may propose alternative payment terms and they will be considered in the evaluation process.
9. **Alternative Proposals:** Sellers are permitted to offer "alternatives" should they not be able to meet the listed requirements. Any alternative proposals shall still satisfy the minimum requirements set forth in Attachment A Specifications.
10. **Inspection Process:** Each item shall be inspected prior to final acceptance of the item. All significant discrepancies, shortages, and/or faults must be satisfactorily corrected and satisfactorily documented prior to delivery and release of payment.
11. **Evaluation and Award Process:** The RTI Procurement Officer will award an agreement contract resulting from this solicitation to the responsible Seller (bidder) whose offer conforms to the RFQ/RFP will be most advantageous to RTI, price and other factors considered. The award will be made to the Seller representing the **best value** to the project and to RTI. For the purpose of this RFQ/RFP, price, delivery, technical and past performance are of equal importance for the purposes of evaluating, and selecting the "best value" awardee. RTI intends to evaluate offers and award an Agreement without discussions with Sellers. Therefore, the Seller's initial offer should contain the Seller's best terms from a price and technical standpoint. However, RTI reserves the right to conduct discussions if later determined by the RTI Procurement Officer to be necessary.

The evaluation factors will be comprised of the following criteria:

- (a) **PRICE.** Lowest evaluated ceiling price (inclusive of option quantities).
- (b) **DELIVERY.** Seller provides the most advantageous delivery schedule.
- (c) **TECHNICAL.** Items/Services shall satisfy or exceed the specifications described in RFQ/RFP Attachment A.
- (d) **PAST PERFORMANCE** - Seller can demonstrate his/her capability and resources to provide the items/services requested in this solicitation in a timely and responsive manner.
- (e) **OTHER EVALUATION CRITERIA.**

None



12. **Award Notice.** A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful supplier within the time acceptance specified in the offer, shall result in a binding contract without further action by either party.
13. **Validity of Offer.** This RFP in no way obligates RTI to make an award, nor does it commit RTI to pay any costs incurred by the Seller in the preparation and submission of a proposal or amendments to a proposal. Your proposal shall be considered valid for 60 days after submission.
14. **Representations and Certifications.** Winning suppliers under a US Federal Contract are required to complete and sign as part of your offer RTI Representations and Certifications for values over \$10,000.
15. **Certification.** The offeror, by signing its offer, hereby certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on its behalf in connection with the awarding of this contract.
16. **Anti- Kick Back Act of 1986.** Anti-Kickback Act of 1986 as referenced in FAR 52.203-7 is hereby incorporated into this Request for Proposal as a condition of acceptance. If you have reasonable grounds to believe that a violation, as described in Paragraph (b) of FAR 52.203-7 may have occurred, you should report this suspected violation to the RTI's Ethics Hotline at 1-877-212-7220 or by sending an e-mail to ethics@rti.org. You may report a suspected violation anonymously.
17. **The John S. McCain National Defense Authorization Act for fiscal year 2019 - section 889.** RTI cannot use any equipment or services from specific companies, or their subsidiaries and affiliates, including Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, and Dahua Technology Company ("Covered Technology"). In response to this request for proposal, please do not provide a quote which includes any Covered Technology. Any quote which includes Covered Technology will be deemed non-responsive. Additionally, if the United States Government is the source of funds for this RFP, the resulting Supplier shall not provide any equipment, system, or service that uses Covered Technology as a substantial or essential component

Acceptance:

Seller agrees, as evidenced by signature below, that the seller's completed and signed solicitation, seller's proposal including all required submissions and the negotiated terms contained herein, constitute the entire agreement for the services described herein.

By: *(Seller Company Name)*

Signature: _____

Title:

Date:

Annex 1

List of Geocode 937 compliant countries

List of Developing Countries

A Mandatory Reference for ADS Chapter 310

New Edition: 02/06/2012
Responsible Office: GC
File Name: 310maa_020612

02/06/2012New Edition

Low income/lower middle income

Afghanistan	Gambia, The	Myanmar
Bangladesh	Guinea	Nepal
Benin	Guinea-Bissau	Niger
Burkina Faso	Haiti	Rwanda
Burundi	Kenya	Sierra Leone
Cambodia	Korea, Dem Rep.	Somalia
Central African Republic	Kyrgyz Republic	Tajikistan
Chad	Liberia	Tanzania
Comoros	Madagascar	Togo
Congo, Dem. Rep	Malawi	Uganda
Eritrea	Mali	Zimbabwe
Ethiopia	Mozambique	
Angola	India	São Tomé and Príncipe
Armenia	Iraq	Senegal
Belize	Kiribati	Solomon Islands
Bhutan	Kosovo	Sri Lanka
Bolivia	Lao PDR	Sudan
Cameroon	Lesotho	Swaziland
Cape Verde	Marshall Islands	Syrian Arab Republic
Congo, Rep.	Mauritania	Timor-Leste
Côte d'Ivoire	Micronesia, Fed. Sts.	Tonga
Djibouti	Moldova	Turkmenistan
Egypt, Arab Rep.	Mongolia	Tuvalu
El Salvador	Morocco	Ukraine
Fiji	Nicaragua	Uzbekistan
Georgia	Nigeria	Vanuatu
Ghana	Pakistan	Vietnam
Guatemala	Papua New Guinea	West Bank and Gaza
Guyana	Paraguay	Yemen, Rep.
Honduras	Philippines	Zambia
Indonesia	Samoa	

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