



Palau Public Utilities Corporation

REQUEST FOR PROPOSAL RFP PUCE23-001 FEEDER PROTECTION RELAY INSTALLATION AND SYSTEM UPGRADE

Issued on : **November 18, 2022**
Closed on : **December 16, 2022**

Request For Proposal No. (RFP No.) : **PUCE23-001**
Employer : **Palau Public Utilities Corporation (PPUC)**
PO Box 1372, Oldiais Building, Medalaii, Koror
Republic of Palau 96940

Country : **Republic of Palau**

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1. EXECUTIVE SUMMARY

Notice is hereby given that Palau Public Utilities Corporation will be soliciting sealed proposal from interested Supplier/Contractor to perform PPUC feeder Protection Relay with installation, calibration, testing, simulation and coordination with system upgrade. Cost Proposals will be accepted on opening date on November, 18 2022 until December 16, 2022 before 4:00 P.M Palau time. Sealed proposals will be accepted at the PPUC Main Office, 2nd Floor Oldiais Building – Medalaii, Koror Palau.

2. PREFACE

This Request for Proposals (RFP) for the Relay system upgrade has been prepared by Palau Public Utilities Corporation - Electric Power Operations (PPUC-EPO). System Control Division (PPUC-EPO) wishes to receive Proposals from all interested persons or firms eligible to perform installation, calibration and testing of multiple feeder protection relay system upgrade and with the capability to perform the services in the Republic of Palau.

3. BACKGROUND

Last full relay calibration and troubleshooting for various relays in Malakal substation, Aimeliik Substation and Airai substation was in 2017. Undesired tripping was eliminated after the calibration activity. These relays need to be properly calibrated and coordinated in order to have a good protection on all running units as well as to protect the whole feeder from total power outages.

The Palau Public Utilities Corporation (PPUC) provides power, water and sewerage services to Koror and other areas in the Republic of Palau. In this RFP, Palau Public Utilities Corporation – System Control Division - SCD) soliciting for professional electrical technical team to perform installation, calibrate and testing relay upgrade of PPUC feeder system. SCD is located at Malakal, Koror Republic of Palau.

The Republic of Palau comprises of 350 tropical islands and islets located in the westernmost part of Micronesia about 600 miles (960 kilometers) East of Mindanao, Philippines and some 800 miles (1,280 kilometers) southwest of Guam. Palau lies between 8°10'N/3°N Latitude and 132°45'/134°25'E Longitude. The main group of Palau Islands is dominated by the 150 square mile (390 square kilometers) island of Babeldaob—Palau’s largest land mass.

PPUC was created in 1994, the same year Palau gained independence as a sovereign nation. Since then, PPUC has been operating the national electric utility and the distribution facilities, which now covers about 47 linear miles of 34.5KV transmission and 114 linear miles of 13.8KV distribution lines.

Palau has a current real capacity of slightly over 28MW with power plants located at Malakal, Aimeliik, Peleliu, Angaur and Kayangel. Malakal and Aimeliik provide power to the central grid supplying Koror, and Babeldaob.

PPUC has grown from 1,500 connections while under national government management into a public utility serving over 6,800 customers comprised of 77% residential, 14% commercial, and 9% others. Last fiscal year’s compiled data showed a total combined generation of 101,227 KW with the highest combined peak load recorded at 15,760 KW.

4. SCOPE OF WORKS:

Detail Scope Work:

1. Download and Review Relay Settings for:

- a. 13.8 KV Feeders: Malakal - Meyuns, Malakal-MMDC, Airai – Airport, Airai – Koror.
 - b. 34.5KV / 13.8 KV Transformers: Airai, Malakal and Aimeliik.
 - c. 34.5 KV Transmission Line Relays: Malakal - Airai, Aimeliik – Airai and Nekken.
 - d. Generators:
 - I. Malakal Power Plant – Niigata14, Niigata 15, Mitsubishi 13.
 - II. Aimeliik Power Plant – Mitsubishi 6, Mitsubishi 7.
2. Reset relays in (1) as needed to coordinate with the new generation at Malakal and Aimeliik. Update the One Line Fault study model to reflect the current condition of the Transmission and Distribution System in so far as to check coordination of the new Generator Relays.
 3. Pull out and install new spare for defective relays especially: Nekken, Meyuns and Malakal Feeder.
 4. Relay Testing, Simulation and Calibration of those Devices Listed in Scope of Works Item 1.
 5. Conduct relay coordination at the entire power system of PPUC.

5. OBTAINING RFP

Electronic copies of the RFP may be obtained by emailing the nominated Contact Officer below, or from the PPUC website www.ppuc.com. All prospective bidders are requested to provide their contact details (company name and website, contact person, email and telephone number) to ensure they receive any updates to the RFP.

PPUC will also issue hard copies of the RFP on request at Palau Public Utilities Corporation (PPUC), Oldiais Building, Medalaii, Koror PO Box 1372, Republic of Palau 96940.

Contact Officer:

The contact officer for this RFP is:

Ms. Johanny Kurihara

Chief Procurement Officer

PPUC

Oldiais Building, Medalaii, Koror

PO Box 1372

Republic of Palau 96940

Telephone No.: 680-488-3870/3872

E-mail Address: jkurihara@ppuc.com

6. PROPOSAL REQUIREMENTS

The Proposer shall submit a written proposal which includes:

1. A Title Page identifying the RFP No. and the Works to be provided;
2. An appreciation of the scope of supply and activities required, and the methods proposed to be used to complete the works;
3. Summary of experience in the Pacific Rim for the last three years.
4. Key Personnel or Contact Personnel;
5. Proposed time to start after notification of award
6. Fixed Lump Sum Price for works;
7. Other Proposal features which will contribute to the value of the offer.

7. SUBMISSION OF PROPOSALS

Interested Contractors may submit their sealed Proposal hardcopy to PPUC- Main Office, 2nd Floor, Oldiais Building, Medalaih, Koror, Palau 96940, or by email to the nominated Contact Officer. For inquiries regarding submission of quotations, please contact Ms. Kurihara as noted above.

8. PAYMENT TERMS

A. Payment terms shall be determined as follows:

- a. After evaluation per proposal
- b. After negotiations with the winning offeror.
- c. All payments shall be made after receipt of original invoice from contractor for each work phase, certified by a duly authorized PPUC representative

9. EVALUATION AND SELECTION PROCESS

All proposals received shall be evaluated by a specially convened committee. The following criteria (NOT Necessarily in Order) will be used to evaluate proposals:

A - Technical: 60%

1. Proposal compliance with all RFP requirements as stated in this document
2. Proposed Project Time-Frame
3. Familiarity and experience with this type of project for the last Three Years in the Pacific Rim.
4. Previous Records with PPUC Projects.
5. Meet the Required Specifications.

B - Financial: 40%

1. Proposed Project Cost.

10. GENERAL CONDITIONS

- A. Suppliers are required to submit their proposals based upon the conditions expressed in these instructions

- i. **Assignment of Contract:** The contract shall not be assigned to any party without prior written consent from PPUC.
- ii. **RFP Modification:** This RFP does not commit PPUC to award a contract, to pay any costs incurred in the preparation of the proposal under this request, or to procure or contract for services. PPUC also reserves the right to accept or reject any or all proposals received under this request, to negotiate with qualified Bidder, or to cancel in whole or in part this RFP, if it is in the best interest of PPUC to do so. Prospective Bidder under this RFP may be required to participate in negotiations and to submit any price, or technical revisions to their proposals as may result from the negotiation process.
- iii. **Transfer of property:** All proposals shall become PPUC property.
- iv. **Conformity:** The PPUC procurement regulations shall apply to all proposals and winning contractor shall be bound by them.
- v. **Submission of the Proposal:**
 - 1. A cover page with a table of contents
 - 2. An executive summary page that summarizes the corporate history, contractor’s ability to satisfy the requirements of this RFP, project cost and a synopsis of salient details required in this RFP.
 - 3. The proposals shall be sealed in a package and should include:
 - a. The Contractors information (i.e., Name, Address, and Contact) on the outside package
 - b. The RFP# on the outside of the package that should be submitted NO LATER THAN 4:00 PM of CLOSING DATE-Palau Time.

[Note: The RFP # should be in big fonts.]
 - c. The sealed package should include the One (1) *original plus Four (4) and One (1) USB Soft copies* of the proposal.
- vi. **Inquiries:** Any inquiries, requests, clarification, or additional information pertaining to this RFP shall be made in writing, by email or fax through the contacts provided

11.CONTRACT CLAUSES

- A.** All contracts shall, at a minimum, contain the following clauses:
- 1. Governing Regulations
 - 2. Penalties for Violation of Regulations
 - 3. Contract Disputes
 - 4. Gratuities
 - 5. Kickbacks
 - 6. Representation of Contractor Concerning Contingent Fees
 - 7. Changes
 - 13. Commencement of Work
 - 14. Liquidated Damages
 - 15. Schedule
 - 16. Clear Title
 - 17. Taxes
 - 18. Force Majeure
 - 19. Relationship

- | | |
|---|-------------------------|
| 8. Stop Work Order | 20. Entire Agreement |
| 9. Termination for Defaults or Convenience | 21. Assignment |
| 10. Approvals, Certificates, Permits and Licenses | 22. Subcontract |
| 11. Laws and Regulations | 23. Contracting Officer |
| 12. PPUC's right to inspect | |

12. CONTACT DETAILS

Johanny Kurihara

PPUC Chief Procurement Officer
PPUC Administration Division
Tel : (680) 488-5320 ; Fax : (680) 488-4499
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APPENDIX 1- BID FORM

Letter of Quotation

Date: _____/_____/_____

RFP No.: **RFP-PUCE23-001**

PPUC Relay System Upgrade

To: **The Chief Executive Officer
Palau Public Utilities Corporation**

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the RFP, including Addenda issued in accordance (if any);
- (b) The price of our Bid, excluding any discounts offered in item (d) below is the sum of: *[amount of local currency in words], [amount in figures]*
- (c) Our bid shall be valid for a period of days from the date fixed for the bid submission deadline in accordance with the RFP, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (e) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive; and
- (f) We accept full responsibility for the health and safety of persons employed by us in completing the works under this Quotation.

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date.....

Appendix 2: Schedules of Rates and Prices

Price Schedules

General

1. The Request for Proposal will be a Lump Sum Quotation for completion of all specified works; Relay Calibration Upgrade.
2. The Schedules generally describe the works to be performed. Bidders shall be deemed to have read the RFP and visited the sites to ascertain the full scope of the requirements prior to filling in the price. The entered price shall be deemed to cover the full scope as aforesaid, including overheads and profit.
3. If bidders are unclear or uncertain as to any item, they shall seek clarification in writing prior to submitting their bid.

Pricing

4. Prices shall be entered in indelible ink, and any alterations necessary due to errors, etc., shall be initialled by the Bidder.
5. Bid prices shall be quoted in United States Dollars, in the manner indicated in the Bid Form of the RFP. For each item, bidders shall complete each appropriate column in the respective Schedules, giving the price breakdown as indicated in the Schedules.
6. Payments will be made to the Contractor in United States Dollars.
7. When requested by the Employer for the purposes of making payments or partial payments, valuing variations or evaluating claims, or for such other purposes as the Employer may reasonably require, the Contractor shall provide the Employer with a breakdown of any composite or lump sum items included in the Schedules.

TOTAL COST PROPOSAL: \$_____

Name of Bidder: _____

Signature of Bidder: _____