



## National Power Corporation

### REQUEST FOR QUOTATION (SHOPPING – 52.1 b)

July 30, 2024

Sir/Madam:

Please provide us with your best quotation for the items as specified in the Terms of Reference (TOR) for PR No. **HO-FFW24-015** Ref. No. **SHB240503-KB00250 (SHB3)** and submit the same at the Bids and Contracts Services Division (BCSD), Ground Floor Diliman Quezon City on or before **9:30 AM of 09 August 2024**.

The following documents must be submitted together with your quotation:

For Platinum Members:

1. Valid and Updated Certificate of PhilGEPS Registration (This should include the attached "Annex A"). In case the Mayor's Permit in the said Annex "A" is expired, a valid/updated Mayor's Permit must also be submitted.

For Red or Blue Members:

1. Valid Mayor's Permit
2. PhilGEPS Registration Number ;

- Other documents to be submitted: \_\_\_\_\_

In case no bid or insufficient number of bids is received on **09 August 2024**, the deadline for submission may be extended, as follows:

First (1 <sup>st</sup> ) Extension	:	_____
Second (2 <sup>nd</sup> ) Extension	:	_____
Third (3 <sup>rd</sup> ) Extension	:	_____

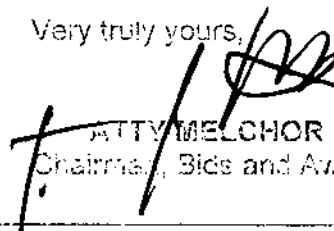
**The RFQ/Bid Proposal shall be submitted by the bidder to NPC on the manner of submission based on the ABC as follows:**

#### Approved Budget for the Contract (ABC)

- ☐ Up to Php100, 000.00 - via fax/e- mail/ bid proposal to procurement officer
- ☐ Above Php100,000 up to Php1,000,000 - via Sealed Offer (use drop box @ procurement office)

For further inquiries, please contact the BAC Secretariat, **Mr. Keano Angelo D. Bernabe** at telephone no/s. **8921-3541 loc 5776 / Fax No. 8922-1622** with e-mail address at **kadbernabe.npc@gmail.com**

Very truly yours,

  
**ATTY. MELCHOR P. RIDULME**  
Chairman, Bids and Awards Committee



**NATIONAL POWER CORPORATION**  
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Senator Miriam P. Defensor-Santiago Avenue (formerly BIR Road)  
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Republic of the Philippines  
NATIONAL POWER CORPORATION

**TERMS OF REFERENCE  
ALTERNATIVE MODE OF PROCUREMENT  
(SHOPPING – 52.1 b)**

**1. Scope of Works:** PRNO.HO-FFW24-015/ REF NO. SHB240503-KB00250 (SHB3)

**For the Supply and Delivery of: IP Radio and Cables**

Item No.	DESCRIPTION	QTY.	ABC (PhP)
1	IP RADIO AND ANTENNA PTP, 5GHZ	4 SET	160,000.00
2	CABLE STP, CAT5E, 24 AWG, 4 PAIRS, BULK, ETHERNET BARE COPPER, SOLID 350MHZ, 1000FT./BOX	2 BOX	44,000.00
TOTAL AMOUNT			204,000.00

**Notes:**

- **Warranty:** at least One (1) Year on Item no. 1 & Three (3) Months on Item no. 2
- **Indicate brand and submit specifications/brochure to support the offered item**
- **Please see End-User's Attached Technical Specification**
- **Mode of Award:** Lot Award However, Bid Price offer should not exceed ABC per item.

**APPROVED BUDGET FOR THE CONTRACT:** PHP 204,000.00

**2. Delivery Period**

Delivery Period shall not be later than Thirty (30) calendar days upon receipt of the Purchase Order / Notice to Proceed.

**3. Delivery Point**

Items shall be delivered at **ANGAT FFWSD WAREHOUSE, NORZAGARAY, BULACAN**

**4. Bid Submission**

The Bidder shall submit their bids through their authorized representative or in the manner of submission as prescribed in the RFQ.

**5. Late Bids**

Any Bid submitted after the deadline for submission and receipt of Bids shall not be accepted by NPC.

**6. Bid Prices**

The bid price as indicated in the Quotation Form shall be fixed during the Bidder's performance of the Contract and not subject to variation or price escalation on any account. A Bid submitted with an adjustable price quotation shall be treated as non-responsive.

# 1. IP RADIO AND ANTENNA, PTP, 5GHZ

ITEM NO.	DESCRIPTION	NPC REQUIREMENT
1	Manufacturer	By Supplier
2	Place of Manufacture	By Supplier
3	Brand/ Model	By Supplier
4	Type	IP Radio and Antenna
	System	
1	Processor	airFiber LTU IC
2	Maximum Throughput	At least 1Gbps
3	Maximum Range	At least 50 km
4	Encryption	AES-256
5	OS	airOS LTU
6	Wireless Modes	Ptp Master/ Slave
	Radio	
1	Maximum Conducted TX Power	At least 29 dBm
2	Channel Bandwidth	10/20/30/40/50/60/80/100 MHz Selectable
3	Operating Frequency	4.8 – 6.2 GHz
	Hardware	
1	RF Connectors	(2) RP-SMA Weatherproof (CH0, CH1) (1) SMA Weatherproof (GPS)
2	GPS Antenna	External, Magnetic Base (Included)
3	Power Supply	Gigabit PoE Adapter (Included)
4	Maximum Power Consumption	12 Watts
5	Mounting	IP Radio and GPS (Included)
6	Operating Temperature	-40 to 55°C
7	Protection	IP67
8	Certifications	CE, FCC, IC
	Other Accessories	Included

	<b>Antenna</b>	
<b>1</b>	<b>Frequency Range</b>	<b>5.1-5.9 GHz</b>
<b>2</b>	<b>Gain</b>	<b>At least 23 dBi</b>
<b>3</b>	<b>F/B Ratio</b>	<b>At least 30 dB</b>
<b>4</b>	<b>Maximum VSWR</b>	<b>1.5:1</b>
<b>5</b>	<b>Polarization</b>	<b>Dual-Linear</b>
	<b>Warranty</b>	
<b>1</b>	<b>Warranty</b>	<b>One (1) Year</b>

## **2. CABLE, STP, CAT5E, 24AWG, 4 PAIRS**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>NPC REQUIREMENT</b>
<b>1</b>	<b>Manufacturer</b>	<b>By Supplier</b>
<b>2</b>	<b>Place of Manufacture</b>	<b>By Supplier</b>
<b>3</b>	<b>Brand/ Model</b>	<b>By Supplier</b>
<b>4</b>	<b>Type</b>	<b>Cat 5e Cable</b>
<b>5</b>	<b>Description</b>	<b>Shielded Twisted Pair (STP)</b>
<b>6</b>	<b>Application</b>	<b>Outdoor</b>
<b>7</b>	<b>No. of Pairs</b>	<b>Four (4) pairs</b>
<b>8</b>	<b>No. of Conductors</b>	<b>Eight (8) conductors</b>
<b>9</b>	<b>Size of Conductor</b>	<b>No. 24 AWG</b>
<b>10</b>	<b>Stranding</b>	<b>Solid</b>
<b>11</b>	<b>Conductor Material</b>	<b>Bare Copper</b>
<b>12</b>	<b>Insulation Material</b>	<b>PO - Polyolefin</b>
<b>13</b>	<b>Outer Shield Material and Coverage</b>	<b>Aluminum Foil - Polyester Tape, 100%</b>
<b>14</b>	<b>Outer Jacket Material</b>	<b>PE - Polyolefin</b>
<b>15</b>	<b>Warranty</b>	<b>One (1) Year</b>

## **7. Bid Price Validity**

Price Validity shall not be less than One Hundred Twenty (120) calendar days from date of bid submission.

## **8. Eligibility Criteria**

- a. Bids shall be checked using the PASS / FAIL Criteria for Legal, Technical and Financial components.
- b. From the bids that were rated PASSED, the same shall be ranked and corrected for computational errors to identify the Lowest Calculated Quotation (LCQ).

## **9. Detailed Evaluation and Comparison of Bids**

The LCQ shall be subjected to detailed evaluation against the Technical Specifications including arithmetical computations. Documents which are deemed not to comply with the requirements of the tender shall be considered non-complying.

## **10. Post-qualification**

Submitted documents of the LCQ shall be subjected to post qualification evaluation.

- PhilGEPS Certification and Mayor's/Business Permit.

The bid that PASSED the Post-Qualification shall be declared as the Lowest Calculated Responsive Quotation (LCRQ).

## **11. Total Contract Price**

The Total Contract Price shall be inclusive of all taxes and other related expenses / charges.

## **12. Notice to Supplier**

- a. The supplier shall pick-up the Purchase Order (PO)/ Notice to Proceed (NTP) from NPC within two (2) calendar days from receipt of the Notice of Award.
- b. Failure to secure the PO/NTP by the supplier within the said period will mean cancellation of the same and imposition of penalties as prescribed by law.

## **13. PO Effectivity**

- a. The PO Shall take effect immediately upon receipt of the PO / NTP by the supplier sent through fax as evidenced by the fax transmission receipt and as confirmed by the supplier's representative.

## **14. Terms of Payment**

Terms of Payment shall be Thirty (30) calendar days after submission of complete supporting documents.

## **15. Warranty**

The warranty must be one (1) year for Item no. 1 & three (3) months for Item no. 2 from the date of delivery.

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#### **16. Liquidated Damages**

Where the supplier refuses or fails to satisfactorily complete the work within the specified contract time, plus any time of extension duly granted and is hereby in default under the contract, the supplier shall pay NPC for liquidated damages, and not by way of penalty, an amount equal to at least one tenth (1/10) of one percent (1%) of the cost of the undelivered/unperformed portion of the items/works for every day of delay. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the procuring entity may rescind or terminate the contract, without prejudice to other courses of action and remedies open to it (Section 68 of the Revised IRR of RA 9184).

#### **17. Liability of the Supplier**

If after receipt of the Purchase Order, the supplier fails to deliver the goods, appropriate sanctions will be imposed as prescribed under Republic Act (RA) 9184 and its Revised Implementing Rules and Regulations (IRR).

#### **18. Disclosure of Relations**

The bidder shall comply with the provisions of Section 47 of RA 9184 and its revised IRR re: disclosure of relations.

#### **19. Administrative Sanctions**

Bidder shall likewise be imposed the rules as stated in section 69 (Imposition of administrative penalties) should there be infractions committed.

#### **20. Reservation Clause**

NPC reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder/s.

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**SUPPLIER'S BID QUOTATION  
(SHOPPING 52.1 b)**

To: The BAC Chairman:

I have read and examined the Terms of Reference for Purchase Requisition (PR) No/s. **HO-FFW24-015 (SHB3)**. I agree with the conditions of the TOR and offer the following supplies with specific description:

ITEM NO.	DESCRIPTION OF ITEM / S TO BE SUPPLIED (INCLUDE BRAND NAME)	QTY	UNIT PRICE (PhP)	TOTAL PRICE (PhP)
TOTAL BID PRICE				

Name and Signature of Authorized Representative  
Date \_\_\_\_\_

Company Name \_\_\_\_\_

Contact Details \_\_\_\_\_

e-mail address \_\_\_\_\_

*Note: The bidder may use this form or its own company letter head following this format duly signed by the authorized representative when making the offer.*