



Republic of the Philippines
 NATIONAL POWER CORPORATION

**TERMS OF REFERENCE
 ALTERNATIVE MODE OF PROCUREMENT
 (SMALL VALUE PROCUREMENT – 53.9)**

1. Scope of Works (REF: _____ PR NO. [S3-PLM23-032](#))

**“SUPPLY AND DELIVERY OF THERMAL SCANNER INTENDED FOR PALIMBANG
 DPP”**

ITEM NO.	DESCRIPTION OF ITEM/S	QUANTITY	UNIT	TOTAL ABC (Php)
1	THERMAL SCANNER	1	set	300,000.00
	Please see attached additional specification			
TOTAL BID PRICE				300,000.00
	Notes:			
	<ul style="list-style-type: none"> •Bid offer must be within the ABC •Warranty shall be at least One (1) year 			

Note: This portion must include the complete technical specifications and the quantity of the requirement.

2. **Delivery Period / Duration of Work**
 Delivery Period / Duration of Work shall not be later than [\(30\) days](#) calendar days upon receipt of the Purchase Order/Contract or Notice to Deliver.
3. **Delivery Point/ Project Location**
[AFD Warehouse, Davao City](#)
4. **Bid Submission**
 The Bidder shall submit their sealed quotations through their authorized representative to be dropped in the designated drop box in the [SPUG Mindanao Central Office, Kumintang St., Mintal, Tugbok District, Davao City](#)
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.
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 Single / Lowest Calculated Bid (S/LCB).

9. Detailed Evaluation and Comparison of Bids

The S/LCB 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

- a. Submitted documents of the S/LCB shall be subjected to post qualification evaluation.
- b. The bid that PASSED the Post-Qualification shall be declared as the Single/Lowest Calculated Responsive Bid (S/LCRB).

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

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) days** after submission of complete supporting documents.

15. Warranty

Unless otherwise provided in the RFQ, the warranty period shall be a minimum of **One (1) Year** from the date of final acceptance by the end-user.

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 signing and accepting the Purchase Order/Contract, the supplier fails to deliver the goods and/or services, appropriate sanctions will be imposed as prescribed under Republic Act (RA) 9184 and its Revised Implementing Rules and Regulations (IRR).

18. 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.



**REQUEST FOR QUOTATION
(SMALL VALUE PROCUREMENT-Sec. 53.9)**

Date _____

Sir/Madam:

Please provide us with your best quotation for the items as specified in the Terms of Reference (TOR) for PR No. [S3-PLM23-032](#) Ref. No. _____ and submit the same in a sealed envelope to be dropped in the designated drop box at the Procurement Office, NPC-SPUG Davao, Decentralized Bids and Awards Committee (DBAC), Kumintang St., Mintal, Tugbok Dist. **on or [10:00AM](#) of [27 September 2023](#)**.

The following documents must be submitted together with your quotation:

1. PhilGEPS Registration, whichever is applicable:

For Platinum Members:

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:

- a. Valid Mayor's Permit
- b. PhilGEPS Registration Number;

2. Latest Income Tax Return/Business Tax return; (**ABC above Php 500,000.00 only**)
3. **Omnibus Sworn Statement (ABC above Php 50,000.00 only)**
 - a. Standard Form No: NPCSF-GOODS-07a (Sole Proprietorship)
 - b. Standard Form No: NPCSF-GOODS-07b (PARTNERSHIP/CORP/COOP/JV)
4. Professional License/Curriculum Vitae (**for Consulting Services**)
5. PCAB License (**Size Range: Small A, License Category: Trade/E**)
6. Other documents: Please refer to the attached TOR

The Warranty Period shall be for **One (1) Year.**

In case of a failed bidding, a re-bidding maybe conducted without prior notice to any previous bidder (s).

For further inquiries, please contact DBAC Secretariat, MR. DARYL B. DAODAOANG at telephone no/s. (082) 293-0657 / 293-0610.

Very truly yours,

JOB C. CANSANCIO
Plant Superintendent, Dinagat DPP
Chairman, DBAC-Eastern Mindanao Area

SAMPLE OF THERMAL SCANNER-REFERENCE

ITEM	DESCRIPTION	NPC'S REQUIREMENT	BIDDER'S DATA / COMPLIANCE
1.0 THERMAL SCANNER			
1.1	Manufacturer	By Bidder	
	Place of Manufacture	By Bidder	
	Brand / Model	By Bidder	
	Quantity	1 Set	
	Features <ul style="list-style-type: none"> ▪ Must be a portable thermal scanner test instrument ▪ Support laser ranging technology with auto-calculation ▪ Up to ≥ 50 °C or higher operating temperature ▪ Up to ≥ 50 °C or higher storage temperature ▪ IP54 or better IP Classification 	To provide	
	Image Display <ul style="list-style-type: none"> ▪ 5MP or higher camera resolution ▪ Equipped with LCD screen ▪ Up to 8X or higher digital zoom 	To provide	
	Imaging and Optics <ul style="list-style-type: none"> ▪ Distance to spot ratio 250:1 or better ▪ ≤ 300mm minimum object distance ▪ 256 x 192-pixel @ 12 μm or better-infrared resolution ▪ 0.1 to 1 emissivity ▪ 60 mk or better thermal sensitivity 	To provide	
	Measurement Analysis <ul style="list-style-type: none"> ▪ Temperature measurement up to 550 °C or higher ▪ Accuracy measurement up to ± 2 °C or better ▪ Tracking / Alarm alert settings 	To provide	

ITEM	DESCRIPTION	NPC'S REQUIREMENT:	BIDDER'S DATA / COMPLIANCE
	Storage and Transmission <ul style="list-style-type: none"> ▪ 16GB or higher storage for JPG files ▪ Class 2 laser, <1mW for target and laser ranging ▪ Support wireless image transmission 	To provide	
	Power Supply <ul style="list-style-type: none"> ▪ Rechargeable battery complete with charger, 90~250VAC 60Hz ▪ USB charging cable 	To provide	
	Other Requirements <ul style="list-style-type: none"> ▪ Software package ▪ Data download card ▪ Carrying bag and wrist strap ▪ User manual (operation and maintenance)/troubleshooting guide/handbook ▪ Calibration certificate with data traceable to the International Standards ▪ One (1) year product warranty certificate 	To provide	
	Training The Bidder shall conduct a Level I Infrared Thermography Training Course for one (1) NPC technical personnel. The training shall cover the following course outlines: <ul style="list-style-type: none"> ▪ Familiarization with the Nature of heat and Temperature Heat Transfer Modes ▪ Conduction and Convection Fundamentals ▪ Thermal/Infrared physics ▪ Infrared Equipment Operation ▪ Quantitative Thermography ▪ Infrared Application Overview ▪ Health and Safety 	To provide	

Thermal Imager, portable thermal camera for industrial inspection , continuous touchscreen IR-fusion. Small enough to carry, Pocket sized. Stands up to dirt and water. Quick scans of electrical equipment, machinery and other assets.

Continuous touchscreen IR-Fusion™, slide your finger across the screen to adjust the setting. Automatically organize and file thermal images, Asset Tagging Fully radiometric thermal imager with 120 x 90 infrared resolution (10,800 pixels) 3.5" LCD touchscreen display for easy troubleshooting Can withstand drop up to 1 meter Water and dust resistant - IP54 enclosure rating -20 °C to 400 °C (-4 °F to 752 °F) temperature measurement range

Specifications:

Attribute	Value
Temperature Measurement Range	-20 → +400 °C
Detector Resolution	120 x 90pixel
Display Resolution	320 x 240pixel
Application	Electrical, Industrial
Model Number	PTi120
Thermal Sensitivity	60mK
Focus Type	Fixed
Refresh Rate	9Hz
Minimum Focus Distance	0.5m
Minimum Focus	0.5 m
Model Number p	PTi120