



**National Power Corporation**  
**REQUEST FOR QUOTATION**  
**(SMALL VALUE PROCUREMENT - 53.9)**

30 MAY 2022

\_\_\_\_\_  
 \_\_\_\_\_  
 Sir/Madam:

Please provide us with your best quotation for the items as specified in the Terms of Reference (TOR) for PR No. **HO-PES22-010** Ref. No. **SVP22052722 – RF 00173 (SVP2)** and submit the same in a sealed envelope to be dropped in the designated drop box at the Bids and Contracts Services Division (BCSD), Ground Floor, Diliman, Quezon City on or before **9:30 A.M.** of **16 JUNE 2022**.

The following documents must be submitted together with your quotation:

1. PhilGEPS Registration, whichever is applicable:

For Platinum Members:

2. 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 showing the expiry date
- b. PhilGEPS Registration Number;

Additional Documentary Requirements, if applicable:

- Omnibus Sworn Statement (use attached Form) (For Total ABC of Above PhP 50,000);
- Latest Income Tax Return / Business Tax Return (For Total ABC of Above PhP 500,000);
- Professional License/Curriculum Vitae (for Consulting Services only);
- PCAB License (for INFRA Projects only);

The Warranty Period shall be: Please refer to the attached End User's Technical Specifications.

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

For further inquiries, please contact the BAC Secretariat, **Ms. Rochelle S. Fajardo** at telephone no. **921-3541**/ local no. **5776** / Fax No. **922-1622** with e-mail address at **rochelle.npc@gmail.com**.

Very truly yours,

  
**ATTY. ROGEL T. TEVES**

Vice President, Power Engineering Services and  
 Chairman, Bids and Awards Committee

*Handwritten initials/signature*



Management System  
 ISO 9001:2015  
 www.tuv.com  
 ID: 910895206



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Republic of the Philippines  
NATIONAL POWER CORPORATION

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

1. **Scope of Works:** HO-PES22-010 Ref. No. SVP220527 – RF 00173 (SVP2)

**Supply and Delivery of Solar Pathfinder and Meteororm License**

Item No.	DESCRIPTION	QTY.	ABC (PhP)
1	Pre-Feasibility Study of Hybrid Power Plant Sys. in Selected Spug Area Solar Pathfinder with Tripod and Software	1 LOT	100,000.00
2	Pre-Feasibility Study of Hybrid Power Plant Sys. in Selected Spug Area Meteororm Software (Upgrade or Support)	1 LOT	56,000.00
<b>APPROVED BUDGET FOR THE CONTRACT:</b>			<b><u>156,000.00</u></b>

**Notes:**

- Please see attached **End User's Technical Specifications**.
- Mode of Award is on **LOT Basis**.
- **Warranty** shall be at least **one (1) year**.

2. **Delivery Period**

Delivery Period shall not be later than **90 CALENDAR DAYS** upon receipt of the Purchase Order / Notice to Proceed.

3. **Delivery Point**

Items shall be delivered at **NPC-HO, OBC WAREHOUSE DILIMAN QUEZON CITY**

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.

# TECHNICAL SPECIFICATIONS

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## TECHNICAL SPECIFICATIONS

### TS-1.0 GENERAL

This specification covers the features and technical requirements for the supply and delivery of Solar Pathfinder equipment and accessories.

The Supplier shall accept full responsibility for his work including documentation, preparation for shipment, inspection, warranty provisions and compliance with the applicable codes and standards and the requirements of this Specification.

### TS-2.0 SCOPE OF WORKS

The scope of works shall cover the Supply and Delivery of Solar Pathfinder and other necessary contractor's duties and responsibilities.

The Supplier's scope of works under this Contract shall generally consist of requirements stipulated hereunder.

1. Supply and delivery of one (1) unit of Solar Pathfinder equipment complete with digital camera, camera mounting device, horizon mirror, sunshade and support, level, compass, tripod, user's manual, equipment case and analysis software; and
2. Supply and delivery of one (1) unit of the latest Meteonorm license software.

### TS-3.0 TECHNICAL DESCRIPTION AND REQUIREMENTS

#### Solar Pathfinder

The primary purpose of Solar Pathfinder equipment is to take pictures of the horizon. These pictures shall be used to determine the solar energy input, sunshine duration, and sun exposure reduced by obstacles like trees, houses, or mountains. Photos taken shall also be able to be processed and imported to Meteonorm software application. The new furnished license shall have the latest version of Meteonorm software and shall be compatible to the supplied Solar Pathfinder Equipment.

All equipment to be supplied together with camera, tripod and necessary accessories shall be housed with adequate equipment casing. The digital camera included shall have a minimum resolution of twenty megapixel (20MP) with a thirty-two gigabyte (32GB) removable SD Card.

The camera shall be attached and positioned directly above and parallel to the horizon mirror. This equipment set-up shall be sturdy enough to stand alone.

### **Meteonorm License/Software**

Meteonorm is a meteorological software application which will be used as reference of climatological data for solar energy across the globe in which it shall be a helping hand to users of engineering design programs for they can access a comprehensive and uniform meteorological data. Meteonorm should also provide calculation of solar radiation thru algorithms and interpolation of multitude data gathered from weather stations, geostationary satellite and globally calibrated aerosol climatology. The data provided by Meteonorm should be categorized by monthly, daily, hourly and minute values since 2010 to present and is constantly updated.

The program should be able to import third party data, and have output formats compatible to something like PVSyst and programs alike. Also the root mean square error in interpolating monthly radiation should not exceed 7%, and for temperature 1.3°C.

#### **TS-4.0 DELIVERY PERIOD AND LOCATION**

The delivery period shall be **NINETY (90) CALENDAR DAYS** reckoned from receipt of Notice to Proceed.

The Solar Pathfinder shall be delivered to the Office of the Vice President of the Power Engineering Services at NPC Head Office, BIR Rd. Cr. Quezon Ave., Diliman, Quezon City.

#### **TS-5.0 GUARANTEE**

The Supplier shall give full guarantee that all furnished equipment and shall be fully functional and free from defect. This guarantee shall provide a warranty of at least one (1) year. The warranty shall cover that all supplied and delivered equipment are free from defects against materials and workmanship from manufacturing. The supplier shall be responsible for the repair and/or replacement of the defective equipment. Additional expenses regarding the repair and/or replacement of the parts shall be liable to the supplier.

The Supplier shall provide online support to address the problems, defects, noncompliance of the equipment that may arise during the warranty period.

#### **TS-6.0 MEASUREMENT OF PAYMENT**

NPC shall pay the supplier in a per delivery basis. Payment for the delivered items and services shall be based on the quantity of the items supplied to NPC. The amount of payment will be made at the corresponding unit price for the items and services in the Bid Price Schedule. Only upon the acceptance of the items and services, the supplier can collect his payments from NPC.

## **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 S/LCQ shall be subjected to post qualification evaluation. The bid that PASSED the Post-Qualification shall be declared as the Single/Lowest Calculated Responsive Quotation (S/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**

Please see attached **End User's Technical Specifications**.

## **15. Warranty**

Warranty is dependent upon the nature/type of the item which is included in the offer (i. e. Manufacturer's Warranty).

**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.

**--Remaining spaces intentionally left blank--**

**SUPPLIER'S BID QUOTATION  
 (SMALL VALUE PROCUREMENT) – 53.9)**

To: The BAC Chairman:

I have read and examined the Terms of Reference for Purchase Requisition (PR) No/s. **HO-PES22-010 (SVP2)** 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)
<b>TOTAL</b>				

\_\_\_\_\_  
 Name and Signature of Authorized Representative  
 Date \_\_\_\_\_  
 Company Name \_\_\_\_\_  
 Contact Details \_\_\_\_\_  
 E-mail address \_\_\_\_\_

**Notes:**  
 -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.  
 -In using this form for this bidding, indicate the PR number to avoid confusion



## Omnibus Sworn Statement (Revised)

*[shall be submitted with the Bid]*

REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

*[If a sole proprietorship:]* I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

*[If a partnership, corporation, cooperative, or joint venture:]* I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

*[If a sole proprietorship:]* As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

*[If a partnership, corporation, cooperative, or joint venture:]* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a partnership or cooperative:]* None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a corporation or joint venture:]* None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this: \_\_\_ day of \_\_\_, 20\_\_\_ at \_\_\_\_\_, Philippines.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*  
*[Insert signatory's legal capacity]*  
Affiant

*[Jurat]*  
*[Format shall be based on the latest Rules on Notarial Practice]*