



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

August 24, 2023

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

Please provide us with your best quotation for the items as specified in the Terms of Reference (TOR) for PR No. **EO-EIA23-001** Ref. No. SVP 230705 - RG 00188 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 AM of 05 September 2023**.

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:

- Valid Mayor's Permit showing the expiry date
- PhilGEPS Registration Number ;

3. Other documents: : Please refer to the attached ADDITIONAL TOR

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 TOR

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, **Mr. Renz Gabriel L. Cruz** at telephone no/s. 8 - 921-3541 loc 5397 / with e-mail address at [renzacruz.napocor@gmail.com](mailto:renzacruz.napocor@gmail.com)

Very truly yours,

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



**NATIONAL POWER CORPORATION**  
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Quezon City 1100, Philippines  
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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:** PRNO. EO-EIA23-001/ REF NO. SVP230 705 - PG00188 -

**FOR THE SUPPLY AND DELIVERY OF DRONE**

Item No.	DESCRIPTION	QTY.	U/M	ABC (PhP)
1	DRONE UNMANNED AERIAL VEHICLE, DRONE INCL. PELICAN CASE	1	PC	177,870.00
<b>TOTAL</b>				<b>177,870.00</b>

**Notes:**

- **Warranty: Shall be at least One (1) Year**
- **See attached sheet for complete Technical Specification.**
- **Bidders are required and reminded to strictly state/include in their own Bid Proposal the requirements in the Terms and Conditions stated under the NPC Terms of Reference (TOR) to wit:**
  - **Payment Terms**
  - **Delivery Period**
  - **Price Validity**
  - **Delivery Point**
  - **Warranty**

**APPROVED BUDGET FOR THE CONTRACT: PHP 177,870.00**

**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 **NPC-Head Office, 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.

## 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. 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**

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.

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**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. **EO-EIA23-001**. 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 BID PRICE</b>				

Payment Terms : 30 Calendar Days  
 Delivery Period : 30 Calendar Days  
 Price Validity : 120 Calendar Days  
 Delivery Point : NPC Head Office, Diliman, Quezon City  
 Warranty : 1 Year

\_\_\_\_\_  
 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.*

## TECHNICAL SPECIFICATIONS

### SUPPLY, DELIVERY, TESTING AND TRAINING FOR ONE (1) UAV/DRONE UNIT WITH AUXILIARY EQUIPMENT

#### TS-1.0 **General Description**

This Project shall cover the supply and delivery of 1 UAV/Drone unit and its auxiliaries. The Drone will be use by the EIALD personnel in conducting site inspection particularly for baseline data gathering, site selection and site characterization of SPUG power plants.

This specification covers the technical requirements for the supply; delivery, testing and training of *one (1) unit of UAV/Drone with auxiliary equipment for Environmental Management Dept. – EIALD*. Other parts and accessories which are not specifically mentioned herein but are necessary for the proper assembly and operation of the equipment shall be furnished.

All materials to be used and incorporated into the equipment shall be new and unused. They shall be suitable for the intended purpose and shall comply with all applicable regulations, quality, and standards.

The Supplier shall accept full responsibility for his work including performance qualifications, specifications, documentation, reports, fabrication, assembly, corrosion protection, shop testing, preparation for shipment, field testing, warranty provisions and compliance with the applicable codes and standards and the requirements of this Specification.

#### TS-2.0 **Scope of Work**

The supplier shall furnish the following items<sup>1</sup>:

- 1 unit UAV/Drone equipped with built-in camera and aircraft's rechargeable batteries & charger
- 1 unit dedicated remote controller with video screen (Phone / Tablet) with batteries and charger (if applicable)
- 2 pcs of 128 GB. Class 10 or UHS-1 Micro SD
- 6 pairs of propellers for the drone
- 1 unit of gimbal protective cover for the camera
- 1 unit 13.05V battery charger with multiple slots
- 3 pcs. aircraft batteries
- 1 Protector Hard Case (IP67 rated)

Scope of work shall also cover a guarantee.

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<sup>1</sup> All items must be unused / brand new in sealed packaging.

**TS-3.0 Technical Specifications**

The UAV/Drone shall have the following functionalities:

- The UAV/Drone shall be categorized as a Ready-To-Fly (RTF) Drone. The Drone shall have a navigation system that is compatible with GPS and GLONASS.
- The Drone shall have a Position and Altitude hold feature. This means that the Drone can hold its position and altitude in the air while taking a video or photo, if ever in the event that the user lets the controller go, the drone will stay in its position.
- The Drone shall have an automatic landing feature. The drone can land itself by just issuing a command through the controller. In any situation that the controller cannot function, the supplier shall include an application/software, which is installed in a smart phone/tablet that will act as the controller of the drone.
- The Drone must have a Pre-flight Planning or a programmable waypoint flight feature. This means that the Drone's flight path can be programmed and issued beforehand and the user lets the Drone fly on its own while following the path that was pre-programmed.
- Aircraft shall have Return-to-Home feature. In the event that the control signal is lost or remaining battery power is nearing depletion, the drone shall return to its location during takeoff.
- Aircraft shall have adequate sensors (forward looking and downward looking) to avoid collision with objects in its flight path and maintain adequate clearance from the terrain.

The Drone shall have a compact design, which will enable the user to carry the drone with ease and to bring the drone anywhere. The drone including its accessories shall not exceed a gross weight of 5kg and external dimensions not exceeding airline carry-on baggage limits of 9" x 14" x 22".

Table 1.0 shall define the specifications for the flying capabilities of the Drone, its data storage and its built-in camera specifications.

**Technical Specification for the UAV/Drone Flying Capacity,  
Data Storing and Built-in Camera**

<b>Aircraft Operations</b>	
Control System	Dedicated Remote Control: Phone/Tablet - (at least 114h endurance rating for battery) - (Android or IOS)
Flight time	At least 29 minutes
Operating Range	At least 6000 Meters
Operating Ambient Temperature	0° - 40° C
Operating Altitude	At least 400 masl
<b>Imaging</b>	
Camera type	Built-in-Camera with protective cover
Stabilization	3-axis-gimbal stabilization
Camera Resolution	At least 20 Megapixels
Video Resolution	At least 4k-Ultra High Definition@30FPS
Lens Field of View (FOV)	75-85°
Lens Aperture	At least f/2.8 – f/11
Camera Sensor	CMOS(Complementary Metal-Oxide Semi-con)
Shutter Speed Range (Exposure Time)	At least 1/8000 – 8sec
ISO range	Photo: 100-12800 Video: 100-6400
Supported SD card type	Micro SD (128GB Max Class 10 or UHS-1 rating)
Photo Format	DNG, JPEG
Video Format	MP4, MOV

**TS-4.0 Guarantee**

The Supplier shall give full guarantee that all furnished equipment 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.

**TS-5.0 Training of NPC Personnel**

The Supplier shall conduct training at EMD office of at least two (2) EMD-EIALD NPC personnel. The Supplier shall provide a comprehensive training program related to application, operation and maintenance, including trouble shooting of the Supplier's supplied system and equipment starting upon delivery of the equipment and thereafter up to the acceptance of the equipment.

The contents of the training program shall include but not limited to:

1. Operation, testing and calibration
2. Maintenance, troubleshooting and minor equipment repair.



## 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]*