



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

21 March 2025

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

Please provide us with your best quotation for the items as specified in the Terms of Reference (TOR) for PR No. **HO-EEI25-002** Ref. No. SYP250408-RA00011 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 08 April 2025.**

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 Members:

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

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

Additional Documentary Requirements, if applicable:

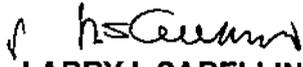
- Omnibus Sworn Statement (use attached Form) (For Total ABC of Above PhP 50,000);
- Latest Income Tax Return / Business Tax Return (For Total ABC of Above PhP 500,000);
- Professional License/Curriculum Vitae (for Consulting Services only);
- PCAB License (for INFRA Projects only);

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, **Ms. Ardee A. Alcancia** at telephone no/s. 8- 9245-300 loc 5208 / Fax No.8- 922-1622 / email address: [bcسد@napocor.gov.ph](mailto:bcسد@napocor.gov.ph).

Very truly yours,

  
**LARRY I. SABELLINA**

Vice President, Mindanao Generation Group and  
Chairman, Bids and Awards Committee



**NATIONAL POWER CORPORATION**  
Gabriel Y. Itchon Building  
Senator Miriam P. Defensor-Santiago Avenue (formerly BIR Road)  
corner Quezon Avenue, Diliman, Quezon City 1100, Philippines  
Tel. Nos. (632) 8921-3541 to 80 • Fax No. (632) 8921-2468  
Website: [www.napocor.gov.ph](http://www.napocor.gov.ph)





Republic of the Philippines  
NATIONAL POWER CORPORATION

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

**PR NO. HO-EEI25-002 / REF NO. QVP 250 408 - RA0011**

**Renewal of Existing Electrical Transient and Analysis (ETAP) software with license paper subscription certificate for One (1) Year coverage**

Item No.	DESCRIPTION	QTY.	ABC (PhP)
1	<b>RENEWAL OF EXISTING ELECTRICAL TRANSIENT AND ANALYSIS (ETAP) SOFTWARE WITH LICENSE PAPER SUBSCRIPTION CERTIFICATE FOR ONE (1) YEAR</b>	1 LOT	970,873.00
<i>Please refer to the attached sheets consisting of four (4) pages for the complete Technical Requirements marked as ANNEX "A"</i>			
<b>TOTAL AMOUNT</b>			<b>970,873.00</b>

**Notes:**

- **Warranty: Shall be at least one (1) year**
- **Mode of Award: per LOT basis**
- **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 970,873.00**

**2. Delivery Period**

The delivery period shall not be later than 30 calendar days upon receipt of Notice to Proceed (NTP).

**3. Delivery Point**

Items shall be delivered at **National Power Corporation Gabriel Y. Itchon Building Senator Miriam P. Defensor-Santiago Avenue (formerly BIR Road) corner Quezon Avenue, 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 Request for Quotation (RFQ).

*f h*

**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 the 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 do 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 is rated as "PASSED" during the Post-Qualification activity 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 shall cause the cancellation of the same and shall warrant the 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**

NPC shall pay the CONTRACTOR within thirty (30) days from receipt of the complete supporting documents as required by NPC. Checks will be prepared for payment to the CONTRACTOR subject to existing taxes.

### **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 receipt of the Purchase Order, the supplier fails to deliver the goods, appropriate sanctions shall 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.

Should there be infractions, the appropriate sanctions provided under Section 69 (Item 69.1) of The 2016 Revised IRR shall be imposed against the bidder.

### **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.

**SUPPLIER'S BID QUOTATION  
 (NP-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-EEI25-002**. 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	QTY	UNIT PRICE (PhP)	TOTAL PRICE (PhP)
1	<b>RENEWAL OF EXISTING ELECTRICAL TRANSIENT AND ANALYSIS (ETAP) SOFTWARE WITH LICENSE PAPER SUBSCRIPTION CERTIFICATE FOR ONE (1) YEAR</b>	1 lot		
<b>TOTAL BID PRICE</b>				

\_\_\_\_\_  
 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 SPECIFICATION

---

### General

This specification covers the features and technical requirements for the Supply and Delivery of Electrical Transient and Analysis Program (ETAP) Software with a license paper subscription certificate, including remote technical support for the Electrical Engineering, Instrumentation, and Control Division (EEICD) under the Design and Development Department (DDD).

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

The Bidder shall refer to the eligible contractor, supplier, or reseller of the ETAP software with a license paper subscription certificate and remote technical support, as specified in this Terms of Reference.

### Scope of Works

The scope of work shall cover the following:

1. Supply and delivery of Electrical Transient and Analysis Program (ETAP) Software with a license paper subscription certificate, including remote technical support for the Electrical Engineering, Instrumentation, and Control Division (EEICD)
2. The Bidder shall submit an outline of the training course and schedule for NPC approval, including all the necessary training materials.
3. Software upgrade and partner support within the warranty period; the Bidder shall provide additional components not specified herein but necessary for the complete and reliable operation of the software.

### Subscription and Delivery Period

The Renewal of Electrical Transient and Analysis Program (ETAP) Software with a license paper subscription certificate, including remote technical support, shall be for one (1) full year of coverage.

The delivery period shall be within Thirty (30) Calendar Days reckoned from receipt of Notice of Proceed.

## TECHNICAL SPECIFICATION

### Delivery Location

The proof of Electrical Transient and Analysis Program (ETAP) Software licenses and technical support agreement in the form of a paper subscription certificate shall be delivered to the NPC Warehouse, Gabriel Y. Itchon Building Complex, Senator Miriam Defensor-Santiago Ave. (formerly BIR Road), Corner Quezon Ave., Diliman, Quezon City-1100.

DDD shall issue an acceptance certificate only after the ETAP software has been delivered, inspected, tested, and found to conform to the specifications.

### Technical Requirements

The ETAP software shall have the following provisions and features:

ITEM	MODULE	DESCRIPTION	BIDDER'S OFFER
1.	Category/Type	Single/Commercial	
2.	Configuration	Stand-alone	
3.	Bus Level	≥200	
4.	No. of User	1	
5.	Base	Multi-dimension digital twin platform, revisions, libraries, wizards	
6.	IEEE, ICEA, NEC	Cable Ampacity and Sizing-IEEE ICEA, IEC	
7	Load Flow, AC	Power flow, balanced 3-phase and 1-phase systems, voltage drop, result analyzer	

h  
+

## TECHNICAL SPECIFICATION

ITEM	MODULE	DESCRIPTION	BIDDER'S OFFER
8.	Panel Schedule	Schedules, calculations, 3-phase 1-phase, NEC, IEC	
9.	Renewables	Wind turbine generator, PV array-PV pro, controls, libraries	
10.	HVDC Link Control	Control scheme, dynamic modes Rectification, inversion	
11.	Short Circuit, AC	ANSI and IEC-balanced 3-phase, and 1-phase, duty evaluation, analyzer	
12.	Star	Protective device protection, selectivity, sequence	
<b>Additional Module</b>			
13.	AC Arc Flash IEEE 1584, 2018 & NFPA 70E 2021	Analyzer, work permit, safety labels	
14.	Ground Grid	3D ground grid system, IEEE 80 and 665, finite element (irregular grids)	
15.	IEC 60502 and 60364	Cable capacity, sizing, and shock protection	

### Training

The Supplier shall conduct a minimum of five (5) day local training course for at least five (5) EEICD personnel to perform the system and simulation studies using the ETAP power system offered to NPC-EEICD personnel.

The training shall equip NPC-EEICD personnel with the knowledge and skills to perform simulation studies on substation and transmission line design for off-grid areas using the offered system software/tools.

W

\*

## TECHNICAL SPECIFICATION

---

Complete training course documentation, including the training program duration, shall be submitted for NPC's approval. The cost of the training course shall be included in the contract price.

### **Support Services**

During the warranty period, the Bidder must provide remote support services free of charge to support its clients in system administration, monitoring, and maintenance.

### **Mode of Award**

One (1) lot.

### **Warranty**

From the date of final acceptance, a complete software warranty with remote technical support for One (1) year shall be given.

>>> Nothing follows <<<

**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

h

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

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

u