

ASSAM ELECTRICITY GRID CORPORATION LIMITED
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Bid Identification No: AEGCL/MD/CGM (T&CC)/LA T&CC/2025/175; Dated:16/09/2026

Bidding Document for

**Procurement of 01 (one) no. of Relay Test Kit
for O/o the AGM,
T&C Division, AEGCL, Narengi**

**CHIEF GENERAL MANAGER (T&CC)
AEGCL, NARENGI, GHY-26.**

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INFORMATION FOR BIDDERS

1. Introduction of the Tender Enquiry:

The **Chief General Manager, T&C and Communication, AEGCL** on behalf of **Assam Electricity Grid Corporation Ltd**, hereinafter referred to as **AEGCL** or **Purchaser** invites sealed tenders in prescribed form, from reputed firms/ contractors/ manufacturers with sound technical and financial capabilities for the following work. A single stage two envelope procedure (**Techno-Commercial and Price Bid**) will be adopted for this tender.

2. Name of work: Supply of 1 (One) no. of Relay Test kit for T&C Division, AEGCL, Narengi as per the technical specifications mentioned in the bid document.

3. Bidding Address:

Tenders are to be submitted through Assam e-tendering portal only, the tender is invited by **the Chief General Manager (T&CC), AEGCL, Narengi**.

4. Scope of Work:

- I. **Supply and delivery of 1 (One) No. Relay Test Kit**, conforming to the relevant IS/IEC/EU standards and their latest amendments, and in strict adherence to the terms and conditions of this Bid, at **T&C Division, AEGCL, Narengi, Guwahati-781026**.
- II. **All necessary transportation** from the manufacturer's/factory premises to the consignee shall be arranged by the Contractor within the stipulated delivery period, **without any extra cost to the Purchaser**.
- III. **Freight and transit insurance** shall be entirely within the scope and responsibility of the Contractor.
- IV. Successful demonstration should be carried out during technical bid evaluation process.
- V. The Consignee for the above supply work is

The AGM, T&C Division, AEGCL, Narengi.

5. Submission of Bid:

The bid shall be in two parts, i.e. (i) Techno commercial bid, (ii) Price bid.

i. Techno-commercial Bid:

Documents to be Submitted with the Techno-Commercial Bid

The bidders are required to submit through e-tendering portal only of the following documents along with their Techno-Commercial Bid for evaluation:

1. **Tender Document Fee;**
2. **Earnest Money Deposit (EMD)**
3. **PAN Card;**
4. **GST Registration Certificate;**
5. **Annual Turnover Certificate**, indicating an average annual turnover of **Rs. 60.00 Lakhs during the last three (3) financial years;**
6. **Details of orders executed/completed for similar works/supplies**, along with supporting documents;
7. **Guaranteed Technical Particulars / Technical Compliance Sheet**, duly filled in and signed;
8. **Authorization Certificate from the Original Equipment Manufacturer (OEM);**
9. **Performance Certificate(s)** for similar works/supplies executed;
10. **Income Tax Returns (ITRs)** for the last three (3) financial years;
11. **Power of Attorney / Authorization**, as applicable;
12. **Bank Solvency Certificate;**
13. **Profit & Loss Statements** for the last three (3) financial years; and
14. **Audited Balance Sheets** for the last three (3) financial years.

A complete set of the above documents shall be submitted along with the Techno-Commercial Bid for evaluation. **Failure to submit any of the required documents may render the bid non-responsive and liable for rejection.**

The bidder shall submit the **Tender Document Fee of Rs. 2,000.00 (Rupees Two Thousand) only**, in the form of a **Demand Draft drawn in favour of the Managing Director (MD), AEGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-781001**, payable at Guwahati.

ii. Price Bid:

The **Price Bid shall indicate the bidder's offer price for the complete supply on an FOR (Free on Road) destination basis**, inclusive of **all costs, charges, duties, taxes, freight, transit insurance, transportation, loading/unloading, and any other expenses** required for successful delivery of the materials/equipment at the specified consignee location, unless otherwise specified in the Bid Document.

The bidder shall duly fill in and submit the **Price Bid Schedule**, indicating **all quantities and corresponding unit rates/prices**, strictly in the format prescribed in the **Annexure to the Detailed Bid Document**.

The prices quoted by the bidder shall be **firm and inclusive of all applicable costs and statutory charges** in accordance with the terms and conditions of the Bid.

Note:

- a) In case of any difference found between the rates in figures and in words, minimum of the two will be considered. If the bidder does not accept the correction of the errors as above, his bid shall be rejected and the amount of bid guarantee/security will be forfeited.
- b) **No separate declaration offering discount on price will be allowed. Offered price in the price schedule will be considered final for evaluation.**
In the event of any bidder found to be involved in corrupt or fraudulent practices in competing for the bid, AEGCL shall reject the proposal. Even if any such thing is detected after award of contract, the contract will be cancelled forthwith without any notice and the PBG shall be invoked. Moreover, AEGCL shall declare the firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for this bid, or in executing the contract.
- c) Bidders shall submit their most competitive rates. It may please be noted that incomplete tenders shall not be accepted.
- d) The Techno commercial bid shall be opened on the due date and due time (or on the next working day, in case of holiday) in presence of the bidders or their authorized representatives without delay. Price bids of technically approved bidders will be opened on a separate date after due intimation.

6. **Important Timeline:**

Sl. No.	Description	Date and time
1.	Tender Document Publishing Date	16:00 hrs of 16-09-2026
2.	Bid Submission Start Date and Time	10:00 hrs of 17-09-2026
3.	Bid Submission End Date and Time	14:00 hrs of 06-10-2026
4.	Technical Bid Opening date and Time	12:00 hrs of 07-10-2026

7. **Any queries may be submitted to the below address prior to 7 days from the Bid submission end date**
The Chief General Manager (T&CC),
AEGCL, Narengi, Ghy-26.

8. Earnest Money Deposit:

The Earnest money for an amount Rs 1,20,000.00 (Rupees One Lakh and Twenty Thousand only) which is approximately 2% (Two Percent) of the estimated value shall be submitted online.

9. Performance Guarantee:

The successful bidder shall have to deposit performance security in the form of performance Bank Guarantee (PBG) from a scheduled commercial bank of RBI pledged in favour of Assam Electricity Grid Corporation Limited as per prescribed proforma for an amount equivalent to 10% (ten percent) of the awarded value. The PBG shall be furnished to the Chief General Manager (T&CC), AEGCL, Narengi as per prescribed format of AEGCL along with contract agreement. The validity of the PBG shall be for a period of 12 (Twelve) months beyond the scheduled date of completion of supply and commissioning as per work order with additional two-month claim period. If the successful bidder fails or neglect to perform any of his obligations under the contract, the AEGCL shall have the right to forfeit in full or in part thereof at its absolute discretion the performance security deposit furnished by the supplier. No interest shall be payable on such deposits.

10. Eligibility Criteria and Basic Qualifying Requirements:

10.1 Technical:

- a) Bidder may be Original Equipment Manufacturer (OEM) of the offered products or a firm/company having authorization from a manufacturer (OEM). In case the bidder is not a manufacturer (OEM) of the offered products, bidder must submit manufacturer's authorization using for that purpose Form-MA provided in Annexure-I.
- b) The Original Equipment Manufacturer (OEM) of the test kit must have experience of successfully supplying at least **1(One) number of Relay Test kit** or Similar Testing kit in last 5(Five) years to different State Govt. Transmission Utility/Central Govt. Transmission Utility/PSUs/Govt. Laboratory/ Reputed Private utilities. The bidder must submit documentary evidence for such experience along with the technical bid submission.
- c) Bidder shall submit valid performance certificates from different State Govt. Transmission Utility/Central Govt. Transmission Utility/PSUs/Govt. Laboratory/ Reputed Private utilities for the offered product for satisfactory operation of 3 years.
- d) The performance and completion certificates shall be not be older than 5 years on the date of opening of the technical bid.
- e) The OEM must have service center present in India. The bidder must submit the details of such service center along with bid Documents.
- f) Bidders who will supply the equipment in confirmatory with the technical specification only will be treated as responsive bidder.
- g) The bidder shall have to demonstrate the performance of the offered item to the owner. Offered equipment that fails to meet the requirements of the bidding document to the satisfaction of the AEGCL engineers present during demonstration shall not be accepted.
- h) The Bidder must submit Calibration Test Certificate along with the supply of Test Kit. Date of Calibration should not be older than two months from the date of supply of Kit.
- i) Factory test certificate(s)/ report(s) is to be submitted along with the supply of the same.

10.2 Financial:

- a) The Minimum Average Annual Turnover (MAAT) of the bidder for the last 3 (three) financial years shall be at least **₹ 60,00,000.00 (Rupees Sixty Lakh) only**. The bidder has to submit reports on the financial standing of the Bidder, such as profit and loss statements and audited annual accounts certified by CA of the company including IT return duly acknowledged by the tax department for the last 3(three) years.
- b) The bidder shall furnish GST registration certificate, Trade license, Employee Provident fund etc. (wherever applicable).
- c) Bidder must keep GST liabilities up to date and must submit the up-to-date GST return acknowledgement.
- d) Evidence of adequacy of working capital for this contract (access to line (s) of credit and availability of other financial resources).
- e) The bidder shall furnish copy of their PAN Card. The PAN card must be in the name of the firm/proprietor.
- f) Formal authority, Registered/Notarized for signing the tender or other documents on behalf of the firm / individual shall be submitted along with the bid. In case of registered company Board's resolution of the company for authorized signatory should be furnished.
 - g) Power of attorney should be a registered/ notarized one.
- h) Information regarding any litigation or blacklisted, current or during the last five years, in which the Bidder is involved, the parties concerned, and disputed amount.
- i) Notwithstanding anything stated herein above, AEGCL reserves the right to assess the capacity and capability of the bidder to execute the work, should be circumstance warrant such assessment in the overall interest of AEGCL.

11. Work Experience:

- The Bidder should have successfully completed similar works within last 5 (Five) Financial years. Documentary evidence such as Work Order, Completion Certificate, etc. should be submitted as per below mentioned criteria:
 - (a) **Three (3) similar** completed works costing not less than **Rs.23,00,000.00**
 - (b) **Two (2) similar** completed works costing not less than **Rs. 29,00,000.00**
 - (c) **One (1) similar** completed works costing not less than **Rs. 50,00000.00**
- The Bidder must have experience of executing work of similar nature previously. The bidder must submit experience and completion certificate for scrutiny by AEGCL.

12. Bid Evaluation Process for Abnormally Low Bids (ALB):

The following methodology will be practiced for identification and treatment of the Abnormally Low Bids (ALB) in this tender process of AEGCL:

- (a) **Identification:** For the Identification of the Abnormally Low Bids, two approaches as applicable shall be adopted: -

- (i) **Absolute Approach:** When there are fewer than five substantially responsive bidders and if the bid price is 20% or more below the AEGCL's cost estimate then AEGCL's tender evaluation committee should clarify the Bid price with the bidder to determine whether the Bid is Abnormally low.
- (ii) **Relative approach:** -When there are at least 5(five) nos. of substantially responsive bids and the lowest bid price is 20% or more below AEGCL's cost estimate. In this approach, first the Average bid price is determined and then by deducting the standard deviation from the Average bid price, potentially ALB may be determined.

In this approach first the Average Bid Price is determined and then by deducting the standard deviation from the average bid price, potentially ALB may be determined

- (b) In case of an ALB, the tender evaluation committee of the respective tenders shall undertake the following three stage review process which are as below:
- i. Identify ALB as per the steps mentioned in Clause No. (a). (i) and (a). (ii), whichever is applicable.
 - ii. To seek and analyses the clarifications from the abnormally low Bidder in terms of resource inputs and pricing, including overheads, contingencies and profit margins. In that respect, the committee may refer to guideline of World Bank, AIIB, ADB etc. prescribed for ALB.
 - iii. To decide whether to accept or reject the bid.
- (c) **Additional Performance Security** In case of acceptance of ALB:
- i. If any abnormally low bid is accepted with additional performance security, it is to be noted that the total performance security should not exceed 20% of the total contract value.
 - ii. The additional performance security shall be treated as part of the original performance security and shall be valid for a period similar to that applicable for defect liability period of the contract.
 - iii. Non submission of the additional performance security shall constitute sufficient ground for rejection of the bid and similar assessment shall then be initiated for next ranked bidder if that

bidder is also identified as ALB.

13. Technical Requirements:

14.1 Intent of specification:

This section of the specification deals with the technical information & criteria for “**Procurement of 01 (one) NO. OF Relay Test Kit for O/o the AGM, T&C Division, AEGCL, Narengi**”. The Contractor's proposal shall be based on the use of materials complying fully with the requirements specified herein.

14.2 Supplier to Inform himself fully: -

- The supplier should ensure that he has examined the specifications and schedules as brought out in this section as well as other sections of the Bidding Document and has satisfied himself as to all the conditions and circumstances affecting the contract price and fixed his price according to his own views on these matters and acknowledge that no additional allowances except as otherwise provided therein will be levied.
- The Purchaser shall not be responsible for any misunderstanding or incorrect information obtained by the contractor other than information given in writing by the Purchaser.

14.3 Conformity with Indian Electricity Rules & Other Local Regulations:-

- The Supplier shall note that all substation works shall comply with the latest provisions of Indian Electricity Rules and with any other regulations. Local authorities concerned in the administration of the rules and regulations relating to such works shall be consulted, if necessary, about the rules and regulations that may be applicable.
- All registration and statutory inspection fees, if any, in respect of his work pursuant to this Contract shall be to the account of the contractor.

14.4 Standards: -

- The equipment covered under this Bidding Document shall, unless otherwise stated be designed, constructed and tested in accordance with the latest revisions of relevant Indian Standards and shall conform to the regulations of local statutory authorities.
- In case of any conflict between the standards and this specification, this specification shall govern.
- Equipment conforming to other International or authoritative Standards which ensure equivalent or better performance than that specified above shall be accepted. In that case relevant extracts of the same shall be forwarded with the bid.

14.5 Engineering Data: -

- The furnishing of engineering data by the supplier shall be in accordance with the Bidding Document. The review of these data by the Purchaser will cover only general conformance of the data to the specifications and not a thorough review of all dimensions, quantities and details of the materials, or items indicated or the accuracy of the information submitted. This review by the Purchaser shall not be considered by the supplier as limiting any of his responsibilities and liabilities for mistakes and deviations from the requirements, specified under these specifications.
- All engineering data submitted by the supplier after review by the Purchaser shall or part of the contract document.

14.6 Manuals: -

- All Manuals of the equipment should be provided to AEGCL.

14.7 Employer's Supervision: -

- The scope of the duties of the Employer, pursuant to the contract, will include but not be limited to the following.
 - a) Inspect, accept or reject any equipment, material and work under the Contract, in accordance with the Specifications.
 - b) Issue certificate of acceptance and/or progressive payment and final payment certificate.

14.8 Packing:

- All the materials shall be suitably protected, coated, covered or boxed and crated to prevent damage or deterioration during transit, handling and storage at Site till the time of erection.
- The Supplier shall be responsible for any loss or damage during transportation, handling and storage due to improper packing.
- The Supplier shall include and provide for securely protecting and packing the materials so as to avoid loss or damage during transport by air, sea, rail and road.
- All packing shall allow for easy removal and checking at site. Wherever necessary, proper arrangement for attaching slings for lifting shall be provided. All packages shall be clearly marked for with signs showing 'up' and 'down' on the sides of boxes, and handling and unpacking instructions as considered necessary. Special precaution shall be taken to prevent rusting of steel and iron parts during transit by sea.
- The cases containing easily damageable material shall be very carefully packed and marked with appropriate caution symbols, i.e., fragile, handle with care, use no hook etc. wherever applicable.
- Each package shall be legibly marked by the-Supplier at his expenses showing the details such as description and quantity of contents, the name of the consignee and address, the gross and net weights of the package, the name of the Supplier etc.

14.9 Materials Handling and Storage: -

- All the supplies under the Contract as well as Employer supplied items (if any) arriving at site shall be received during office hours.
- Contractor shall be responsible for examining all the shipment and notify the Employer immediately of any damage, shortage, discrepancy etc. for the purpose of Employer's information only However, the Contractor shall be solely responsible for any shortages or damages in transit, handling and/or in storage and erection at site. Any demurrage, and other such charges claimed by the transporters, railways etc., shall be to the account of the Contractor.
- Item shall be handled very carefully to prevent any damage or loss.

15. Bid Capacity: The Bidders who meet the minimum qualification criteria mentioned against Clause No.10 AEGCL reserves the right to carry out the Bid Capacity assessment of the Bidders and the owner's decision shall be final and binding to the bidder.

16. The Bidder's offer shall include and substantiate its claimed data on qualifying requirements by uploading scanned original copies of valid supporting documents such as detailed below:

- a) Original documents defining the constitution or legal status, place of registration, and principal place of business, written power of attorney of the signatory of the Bid to commit the Bidder.
- b) The Bid Should be valid for at least 180 days.
- c) Copy of the list of work orders completed/under implementation by the bidder in last 5 years need

to be submitted along with necessary proof of execution and completion of the works.

17. ISO Certification:

The bidders manufacturing facilities preferably must have ISO certification with latest update. Documentary evidence to this effect must be submitted with this bid. Any other certification with the bidder shall also be furnished.

18. Litigation history:

Bidders shall submit details of all the litigation, arbitration or other claims, whether pending, threatened, or resolved in the last five years, with the exception of immaterial claims with a cumulative impact of not more than 10 per cent of their total assets. The Employer may disqualify bidders in the event that the total amounts of pending or threatened litigation, arbitration or other claims represent more than 50 per cent of their total assets.

The bidder should not be blacklisted by any utility in India. A declaration is to be submitted by the bidder.

19. Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

- a) Made misleading or false representations in the forms, statements and enclosures submitted as a proof of the qualification requirements; and/or
- b) Record of poor performance such as abandoning the work, rescinding of contract for which the reasons are attributable to the non-performance of the contractor, consistent history of litigation awarded against the Applicant or financial failure due to bankruptcy.
- c) Notwithstanding anything stated herein under, the purchaser reserves the right to assess the capacity and capability of the bidder to execute the work, should the circumstances warrant such assessment in the overall interest of the purchaser.

20. Evaluation and Award of Work:

- a) The evaluation of bids will be carried out, first of techno-commercial bid thereafter opening the price bid of only those bidders who qualify and meet the technical requirements of the equipment to the satisfaction of AEGCL Engineers.
- b) In comparing bids and making awards, the employer will consider such factors as compliance with specifications, relative quality and adaptability of suppliers, the technology and process involved in production experience, financial soundness, records of integrity in dealing ability to furnish repair and maintenance services.
- c) AEGCL reserves the right not to order/ award the job to the price-wise lowest party if the party during any part of evaluation is found technically or price wise non responsive.
- d) AEGCL reserves the right to reject any / all bids without assigning any reasons thereof, the right to accept any bid or part of which is advantageous to AEGCL and to award the contract in single or phased manner to one party or split up amongst different bidders.
- e) Information relating to the examination, clarification, evaluation and the comparison of the bids and recommendation for award of contract shall not be disclosed to the bidders or any person not officially concerned with such process concerned with such process until the award to the successful bidder has been announced. Any effort by a bidder to influence AEGCL's processing of bids or award decision may result in the rejection of the bid.

21. Termination of Work Order:

AEGCL reserves the right to terminate the Work Order, in whole or in part, at any stage, in accordance with the provisions of the Company's General Conditions of Supply and Erection, as amended or in force from time to time.

22. Period of completion:

90 days (Ninety days) from the date of issue of work order/LoA

24.1 All payment shall be made from the office of the MD, AEGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-781001.

24.2 Payment shall be released subject to the following conditions:

(a) Work should be strictly conforming to scope mentioned in the Bid.

(b) Proper submission of triplicate documents/bills duly verified by O/o the AGM, T&C Division, AEGCL, Narengi (**Consignee**) along with all relevant documents viz., Goods Receipt Note (GRN) issued by the consignee, Delivery Challan, Warranty certificate/Undertaking/ Test reports, Bill Passing Journal Voucher, etc. complete in every aspect in strict adherence to transactions in AEGCL system.

(c) The supplier should intimate the undersigned the dispatch of every consignment along with supporting documents for our record.

23. Guarantees and Penalties:

- a) Liquidated Damages (LD): The proposed scope of work is to be completed within stipulated/agreed schedule. Any delay beyond that will attract penalty as per AEGCL's General condition of supply and erection.
- b) Warranty from the manufacturer shall be produced along with manufacturer's test certificate for equipment/ materials covered under Manufacturer's warranty.
- c) The supplied equipment shall be guaranteed for a period of 12 (Twelve) months from the date of successful receipt at site. In case of detection of any defect in the equipment, the same shall be replaced by the bidder free of cost within 15 days of intimation by the company's representative.

24. Termination of Contract on Contractor's Default:

If the Supplier neglect to execute the Works with due diligence and expertise or shall refuse or neglect to comply with any reasonable order given to him, in the Contract by the Purchaser in connection with the works or shall contravene the provisions of the Contract, the owner may give notice in writing to the supplier to make good the failure, neglect or contravention complained of. Should the supplier fail to comply with the notice within thirty (30) days from the date of serving the notice, then and in such case the Owner shall be at liberty to employ other workmen and forthwith execute such part of the works as the supplier, may have neglected to do or if the owner shall think fit, without prejudice to any other right he may have under the Contract to take the work wholly or in part out of the supplier's hands and re-contract with any other person or persons to complete the works or any part thereof the Owner shall be entitled to retain and apply any balance which may otherwise be due on the Contract by him to the contractor, or such part thereof as may be necessary, to the payment of the cost of executing the said part

of the work or of completing the Works as the case may be. If the cost of completing of Works or executing a part thereof as aforesaid shall exceed the balance due to the contractor, the contractor shall pay such excess. Such payment of excess amount shall be independent of the liquidated damages for delay which the contractor shall have to pay if the completion of works' is delayed.

In addition, such action by the Owner as aforesaid shall not relieve the Contractor of his liability to pay liquidated damages for delay in completion of works as defined in clause no.26 of GCSE.

Such action by the Owner as aforesaid, the termination of the Contract under this clause shall neither entitle the contractor to reduce the value of the contract Performance Guarantee nor the time thereof. The contract Performance Guarantee shall be valid for the full value and for the full period of the contract including guarantee period.

25. Termination of Contract on Owners' Default:

The Owner reserves the right to terminate the Contract either in part or in full due to reasons other than those mentioned under clause entitled "Contractor's Default." The Owner shall in such an event give fifteen (15) days' notice in writing to the Contractor of his decision to do so.

The Contractor upon receipt of such notice shall discontinue the work on the date and to the extent specified in the notice, make all reasonable efforts to obtain cancellation of all orders and contracts to the extent they are related to the work terminated and terms satisfactory to the Owner, stop all further sub-contracting or purchasing activity related to the work terminated, and assist the Owner in maintenance, protection, and disposition of the Works acquired under the Contract by the Owner.

In the event of such a termination, the Contractor shall be paid compensation, equitable and reasonable, dictated by the circumstances prevalent at the time of termination.

If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies the Owner is satisfied that the legal representatives of the individual contractor or of the proprietor of propriety concern and in the case of partnership, the surviving partners, are capable of carrying out and completing the Contract, the Owner shall be entitled to cancel the Contract as to its uncompleted part without being in any way liable to payment of any compensation to the estate of deceased Contractor and/or to surviving partners of the contractor's firm on account of the cancellation of the contract. The decision of the owner that the legal representatives of the deceased contractor or surviving partners of the contractor's firm cannot carry out and complete the contract shall be final and binding on the parties. In the event of such cancellation, the Owner shall not hold the estate of the deceased Contractor and/or the surviving partner of the Contractor's firm liable to damages for not completing the Contract.

26. Frustration of Contract:

In the event of frustration of the contract of supervening impossibility in items of Section 56 of the Indian Contract Act, parties shall be absolved of their responsibility to perform the balance portion of the contract.

In the event of non-availability or suspension of funds for any reasons whatsoever (except for reason of willful or flagrant breach by the Owner and/or contractor) then the Works under the contract shall be suspended. Furthermore, if the Owner is unable to make satisfactory alternative arrangements for financing to the contractor in accordance with the terms of the Contract within three months of the event, the parties hereto shall be relieved from carrying out further obligations under the Contract treating it as frustration of the Contract. In the event Performance Bank Guarantee, the parties shall mutually discuss to arrive at reasonable on all issues including amounts due to either party for the work already done on "Quantum merit" basis which shall be determined by mutual agreement between the parties.

27. Payment Terms:

- No advance payment shall be made in this contract.
- No claim for interest shall be entertained by AEGCL

- The price is firm and no price variation shall be applicable.
- First & Final bill for the supply will be entertained only after 100% completion of the work
- Payment will be made by the O/o the MD, AEGCL, Bijulee Bhawan, Paltan Bazar, subject to availability of Fund. The Bidder/Firm will have to submitted to following Net Banking details.

- (a) Bankers's Name & Branch
- (b) Account No
- (c) Banker's Address
- (d) Banker's IFSC Code

28. CLARIFICATION ON BIDDING DOCUMENTS: -

- i. A prospective bidder requiring any clarification regarding the bidding documents may notify AEGCL in writing at the following address:

CGM T&C and Communication AEGCL, Narengi, Ghy-26

AEGCL may respond to any request for clarification, as appropriate, through a corrigendum, provided that such request is received within **5 (Five) working days** from the date of publication of the tender on the Assam e-Tender Portal. AEGCL shall not entertain or respond to any queries received after the expiry of the aforesaid period.

- ii. Verbal clarification and information given by AEGCL or its employee(s) or representative (s) shall not in any way be binding on AEGCL.

29. Disclaimer:

While the Company will make every endeavour to extend necessary facilitation in expediting the work, the contractor shall be responsible to organize and arrange all necessary inputs right from mobilization activities up to completion of the supply work. Company will not entertain any failure / delay on such accounts. Also, Company will not be responsible for any compensation, replenishment, damage, theft etc. as may be caused due to negligent working, insufficient coordination with Government / non-Government / Local Authority by the contractor and/ or his personnel deputed for work. The contractor shall take necessary insurance coverage under LIC/GIC etc. for his working personnel and the goods in store as well as in transit. The contractor will be deemed to have made him acquainted with the local working conditions at site(s) and fully provide for into the bid submitted.

- 30. Terms and conditions, which are not specified, herein above will be governed by the AEGCL's General Conditions of supply and erection in force. AEGCL's General Conditions of supply and erection (GCSE), 2009 may be seen in our official website www.aegcl.co.in**

TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION FOR RELAY TEST KIT

Sl. No.	Technical Specifications	System Particulars	Confirmatory (Yes/No)
OFFERED MODEL & MAKE			
1	Functional Requirements	1. The instrument should be suitable for testing all types & models of relays (used in protection schemes of transmission lines, transformer, reactor and bus bar etc.) of all the major manufacturers in fully automatic mode (including high-burden electromechanical relays) as well as transducers having accuracy class of 0.25 or better. The test kit should be suitable for dynamic and transient testing, with facility of transient (COMTRADE format) record playback for both analog and digital channels.	
		2. The kit shall be suitable for testing of the relays in the substations having conventional protection as well as protection based on IEC 61850 protocols using GOOSE/GSSE. The test results should have repeatability, consistency in results.	
2.	Output	1. All outputs shall have over voltage and short circuit protection. Specifically, all the voltage and current generators shall have over-voltage/short-circuit protection. The instruments should not get overheated, while supplying the rated output continuously. Further, the kit should be stable even during extensive continuous usage and should not get hanged or restarted. 2. V/I Generators: a) Current Outputs: Software controlled/configurable six phase. Current outputs: 0 - 15A (r.m.s) minimum, Resolution: 1mA or less. Output Burden: 150 VA minimum per phase. b) Voltage Outputs: Software controlled/configurable four-phase voltage. Voltage output: 0-300 Volts AC/DC (Ph-N), Resolution: 10mV or less. Output Burden: 50VA minimum per phase. c) The total current/voltage output channels should be at least 10 nos. 3. Aux. DC Output: Software controlled, 0-250 V and 50W min. (continuous rating), with continuous / step-less control. The DC supply should have short circuit protection, galvanically isolated and over load indication	
3.	Measuring Input	1. Voltage range -10V to +10 V DC 2. Current range -20mA to +20 mA DC 3. Accuracy -0.02% or better	
4.	Test Frequency	V/I Generator/Amplifier shall have controlled frequency range from 10Hz to 1 kHz for sine and DC to 3 kHz (minimum) for transients with resolution of 1 MHz or better and accuracy 0.01 % or better.	

5.	Phase Angles	0 to 359. 90 lag/lead with resolution of 0.1 degree or better, with accuracy of 0.5 deg. (min)	
6.	Accuracy	Accuracy shall be $\leq \pm 0.2\%$ for voltage and current sources throughout the range. The total distortion shall also be less than 0.2 %.	
7.	Binary I/O Configuration	Minimum four binary outputs and ten inputs with galvanic isolation. Software controlled input should be capable of sensing potential free relay contacts (NO/NC) as well as potential of 0 to 250V AC/DC. Associated timers should have time resolution of 100uS or better. The software-controlled outputs should have potential free contacts (NO/NC) with breaking capacity of 8 Amp 250 V AC/ DC. The kit should have a state sequencer module. The state sequencer should also be equipped with distance relay characteristic module. The state sequencer should be enabled with operations of all Binary Inputs and Binary Outputs	
8.	Fault Replay	It should also have the facility of Transient data playback, by accepting transient fault data in COMTRADE format along with the facility to extend pre-fault/ post-fault durations. It should accurately simulate disturbance signal along with DC and high frequency components (with sampling rate of 3kHz or better) as well as Binary signals. Further, it should offer repeatability of results, e.g. same fault location for a particular fault etc.	
9.	Communication ports/ IEC 61850 compatibility	Shall have both USB and ETHERNET connectivity as a standard feature. The IEC 61850 ETHERNET port shall be suitable for control through external PC as well compatibility as for IEC 61850 protocols. GOOSE/ GSSE configuration software module should be provided with the kit for effective checking of protection relays/ IEDs based on IEC 61850 protocol. It shall read, write, poll and check data models/ values in detail. It shall have the facility to transfer GOOSE information to suitable modules during testing of IEDs. Specifically, it will be the responsibility of the supplier to demonstrate the working of IEC 61850 module for input / output GOOSE messaging and capturing of live data.	

10.	Test Lead/ Accessories	Complete set of test leads, PC cables, drawing, manuals, tools, Licensed OS software & antivirus for PC, Licensed software of the testing kit, combination plugs, power supply cables, original carrying case (which should be robust/ rugged enough for proper safety of the kit during transportation), manual (both in soft copy & hard copies) etc. required for carrying out all types of testing. The kit should have scope of future license upgradation (without hardware upgradation) for testing protection relays/ IEDs based on IEC 61850 protocol, MMS, sampled values, GOOSE, automated test plan setup, saved testing templates, CB test functions etc. The license should be testing kit based and independent of the number of laptops/users.	
11.	Design/ Engineering	The complete equipment along with complete accessories must be designed/ engineered by Original Equipment Manufacturer	
12.	Power Supply	It shall work on single phase 230 Volts $\pm 10\%$, 50 Hz $\pm 5\%$ supply and standard AC socket.	
13.	Operating Temperature	0°C to 50°C	
14.	Relative Humidity	Max. 90% non-condensing	
15.	Protection/ Control	Against short circuit, over voltage, improper ground connection overload & transient surges, the kit should have alarm/cut-off features settings to protect the instrument.	
16.	Weight	It should be portable and easy to carry.	
17.	Software	The software should be suitable for automatic testing & report generation and analysis. The software of the kit should be windows based and should be operated through suitable Laptop PC. All control tasks and data acquisition, processing and recording of test results shall be performed by the operating software on laptop PC or controller. The software should be capable of creating customized relay characteristics as well as of importing relay characteristics from IED/Relay. The kit should support GPS receiver with suitable port which shall enable carrying out end to end testing using GPS receivers available at both ends of the local and remote substations. Software should have facility to simulate line fault for end-to-end testing. The kit should have testing libraries (downloadable for all major IED OEMs). The software shall be able to get updated with respect to new relays and new operating techniques whenever they are introduced. The updating shall be intimated and done by supplier during the period of guarantee and AMC.	
18.	Cybersecurity	The kit should be cybersecure (Protection against firmware tampering). Secure boot and measured boot with ISO/IEC 11889-Complaint Trusted Platform module (TPM2.0).	

19.	Environment	The test kit shall be compatible for EMI/EMC/Safety Environment as per IEC.	
20.	PC Interface	It shall include supply of one laptop PC of Dell/Lenovo/HP make with latest specifications such as Core i5 Intel Processor, Latest Gen. 16 GB RAM, 1 TB GB SSD, 15" TFT screen, Combo DVD Drive i.e. having CD read / write facility complete with required cables and connectors with preloaded operating MS Windows 11 professional or better with latest version of application software required for storage, analysis and record management.	
21.	Guarantee	Min 01 year from the date of successful & complete commissioning at AEGCL sub-station. All the materials, including accessories, cables, laptops etc. are to be covered under warranty/guaranty period. If the kit needs to be shifted to supplier's works for repairs within warranty/guaranty period, suppliers will have to bear the cost of spares, software and transportation of kit for repair at test lab / works.	
22.	Calibration Certificate	Unit shall be duly calibrated before supply and the date of calibration shall not be older than two months from the date of supply of Kit.	
23.	Training	Supplier shall have to ensure that the kit is made user friendly. Apart from the detailed demonstration at site, the supplier shall also have to arrange necessary training to AEGCL engineers.	
24.	Commissioning, handing over the instrument	Successful bidder will have to commission the instrument to the satisfaction of AEGCL. The instrument failed during the the Instrument demonstration shall be rejected and no repairs are allowed.	
25.	After Sales Service	Bidder will have to submit the documentary evidence of having established mechanism in India for prompt "after sales service"	

N.B. Bidder to specify the offered cable specifications in the confirmatory column as YES/NO and need to submit the same in the technical bid for evaluation.

(ANNEXURE AND PROFORMA)

ANNEXURE-I

Manufacturer's Authorization (On Manufacturer's Letterhead)

To,

**The CHIEF GENERAL MANAGER (T&CC),
AEGCL, NARENGI, GUWAHATI-781001.**

WHEREAS. We [Insert: **name of Manufacturer**], who are official manufacturer of [insert: **name and/or description of the Goods**] having production facilities at [insert: **address of factory**] do hereby authorize [insert: **name& address of Bidder**] (hereinafter, the "Bidder") to submit a bid the purpose of which is to provide the following goods, manufactured by us, and to subsequently negotiate and sign the Contract:

- A. _____
- B. _____

We hereby extend our full guarantee and warranty with respect to the goods offered by us. We also hereby declare that we and [insert **name of the Bidder**] have entered into a formal relationship in which, during the duration of the Contract (**including related services and warranty/defects liability**) we, the Manufacturer or Producer, will make our technical and engineering staff available to the technical and engineering staff of the successful Bidder to assist that Bidder, on a reasonable and best effort basis, in the performance of all its obligations to the Purchaser under the Contract.

For and on behalf of the Manufacturer

Signed:

Name:

Title:

Duly authorized to sign this Authorization on behalf of _____

Dated on ____ day of _____, 2026

ANNEXURE-II

PROFORMA OF BANK GUARANTEE FOR EARNEST MONEY
(To be stamped in accordance with Stamp Act)
The non-Judicial stamp paper should be in the name of issuing bank

Bank Guarantee
(To be stamped in accordance with Stamp Act)
(The non-Judicial Stamp Paper should be in the name of issuing Bank)

Bank's Name:
Address of Issuing Branch or Office:
Email id and phone no for correspondence:
Beneficiary: Managing Director, AEGCL
Name and Address of Purchaser
Bid Security No.:

WHEREAS _____ [name and address of Contractor] (hereinafter called "The Contractor") has undertaken, in pursuance of LoA No. _____ dated _____ to execute _____ [name of Contract and brief description of Works]
(Hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized/scheduled bank for the sum specified therein as security for compliance with its obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ [amount of Guarantee] _____ [in words], such sum being payable in the currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

BG expiry date:
BG clam date:

Bank's seal and authorized signature(s)

NOTE

- 1. All italicized text is for use in preparing this form and shall be deleted from the final document. An amount is to be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract.*
 - 2. This guarantee shall be valid up to 30 days beyond the Warranty Period as per the Contract.*
 - 3. For BG amount equal to or more than 50,000.00, BG should be signed by two bank officers to be valid.*
 - 4. Address of the banker with email and phone number for correspondence with banker should be clearly mentioned.*
- Any correspondence related to the BG with the banker shall be made to the address mentioned in the BG***

Appendix-1

Letter of Technical Bid

[Bidder's Letter head]

Date: _____

Tender No.: _____

Invitation for Bid No: _____

To: _____

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Document, including Addenda No.:
_____.
- (b) We offer to supply in conformity with the Bidding Document and in accordance with the completion/delivery schedule specified in the bid document, the following Goods and Related Services:
_____.
- (c) Our Bid shall be valid for a period of _____ days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) If our Bid is accepted, we commit to obtain a Performance Security in the amount of _____ percent of the Contract Price for the due performance of the Contract;
- (e) We are not participating, as Bidders, in more than one Bid in this bidding process;
- (f) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.
- (g) Our firm, its affiliates or subsidiaries, including any Subcontractors or Suppliers for any part of the contract, has not been declared ineligible by AEGCL, APDCL or APGCL under the Employer's country laws or official regulations
- (h) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

Price Proposal Submission Sheet

Date: _____

Tender No.: _____

Invitation for Bid No: _____

To: _____

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Document, including Addenda No.:

(b) We offer to supply in conformity with the Bidding Document and in accordance with the completion/delivery schedule specified Schedule of Supply & Erection, the following Goods and Related Services:

(c) The total price of our Bid, excluding any discounts offered in item (d) below is:

(d) The discounts offered and the methodology for their application are:

(e) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract:

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none.”)

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

Bidding Forms

Name of work: _____

Bid Identification No: _____

General

- (i) Name of the Firm/Contractor:
- (ii) Full Address:
- (iii) Constitution of the Firm:
- (iv) Whether Partnership or any type:

A) Experience

- (i) No of years the Firm/Contractor has been in operation under its present name.
- (ii) Details of work executed/being executed by the tenderer in the last three years.
- (iii) Testimonials from Clients Company on various works executed for the last three years.

(Details of works executed/under execution in the last three years including another department)

Sl. No.	Name of work & W/O No.	Worked Done Under	Value of Work	Specified date of completion	Present status/completed on

B) Financial Position

- (i) Financial Turnover during the last three years (copies of Audited Annual report, Accounts or a statement duly certified by a chartered accountant and Income Tax return.

Year	Turn over

Any other details that the tenderer may like to furnish to substantiate their financial and technical ability to undertake this work and complete the same within stipulated period of completion.

Name of the Bidder: -

Signature of the Bidder/Firm

Full Name

Postal Address

Phone/Mobile No.

ANNEXURE – I

Following information is to be furnished in the ‘Technical and Commercial bid’ as first page.

(Please tick mark where necessary.)

1)	Earnest money (EMD)	: Submitted/Not submitted
	a) Amount of EMD	: Rs.
	b) Submitted in the form of Bank Guarantee /Demand Draft	: Yes/No.
2)	Validity of the offer	: days from the date of opening of ‘Technical & Commercial Bid’ & ‘Price bid’.
3)	Nature of price offered	
	i) ‘FIRM’ Price	: Yes/No
4)	Terms of payment (Whether agreeable to accept payment as specified in Clause No. 27.0)	: Yes/No
5)	Date of completion of supply (Please specify the date of completion of supply as per specification)	: Yes/No
6)	‘Security and performance guarantee’ (Whether agreeable to accept as specified in Clause No. 9.0)	: Yes/No
7)	List of orders executed for similar works furnished	: Yes/No
8)	Performance certificate from the Govt./Govt. undertaking furnished	: Yes/No
9)	Deviation from the specifications	
	a) Technical	: Yes/No
	b) Commercial	: Yes/No
10)	Information in respect of technical capability is furnished	: Yes/No
11)	Information in respect of financial capability certificate from the Banker is furnished	: Yes/No
13)	PAN card	: Yes/No
14)	GST registration no.	: Yes/No
15)	Registered Power of Attorney	: Yes/No

Name of the Bidder: -

Signature of the Bidder/Firm

Full Name

Postal Address

Phone/Mobile No.