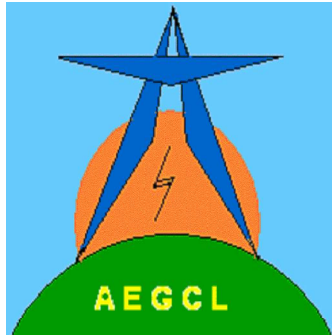


ASSAM ELECTRICITY GRID CORPORATION LTD.



Bid Identification No.: AEGCL/DGM/UA TCC/DBR/2024/T-23/1485, Dated **03.08.2024**

Bidding Document For

SUPPLY OF 1 (ONE) NO. OF FULLY AUTOMATIC TRANSFORMER
OIL TAN DELTA AND RESISTIVITY TEST KIT FOR MRT DIVISION,
AEGCL, JORHAT

Sd/-

Deputy General Manager
UA T&C and Comm. Circle,
AEGCL, Dibrugarh

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ASSAM ELECTRICITY GRID CORPORATION LIMITED
 Regd. Office 1st floor, Bijulee Bhawan, Paltanbazar Guwahati -781001
 CIN: U40101AS2003SGC007238
 Phone -0361-2739520/Fax-0361-2739513 Web: aegcl.co.in



NOTICE INVITING TENDER

A) Basic Details


Tender No.	AEGCL/DGM/UA TCC/DBR/2024/T-23/1485, Dated 03.08.2024
Name of Work	Supply of 1 (One) no. of Fully Automatic Transformer oil Tan Delta and Resistivity kit for MRT Division, AEGCL, Jorhat
Work type	Supply and Installation Works
Tender Inviting Authority	AEGCL
Designation Address	Deputy General Manager, UA T&C and Comm. Circle, AEGCL, Dibrugarh
Total tender value	Rs. 9,30,430.00 (Rupees Nine Lakh Thirty Thousand Four Hundred Thirty)
Tender fee	Rs. 1000.00 (Rupees One Thousand)
Earnest Money	Rs. 19,000.00 (Rupees Nineteen Thousand)

B) Critical Dates

Tender Start Date	11:00 Hrs of 05.08.2024
Submission Start Date	12:00 Hrs of 05.08.2024
Tender End Date	12:00 Hrs of 27.08.2024
Tender Opening date	12:00 Hrs of 28.08.2024

Interested Bidder may kindly refer AEGCL's website www.aegcl.co.in and <http://assamtenders.gov.in> for detailed Bid documents.

In case the date of receiving and opening of tender is declared as Holiday / Strike or Bandh, then the same will be received and opened on the next working day. The undersigned reserves the right to accept or reject the tender (Party or whole) without assigning any reason thereof and does not bind to accept the lowest tender.



 Deputy General Manager
 UA T&C and Comm. Circle
 AEGCL, Dibrugarh

Memo No.: AEGCL/DGM/UA TCC/DBR/2024/T-23/1485(a-d)

Date: 03.08.2024

Copy to,

1. The Chief General Manager (T&C and Comm.), AEGCL, Narengi, Guwahati-26 __ for favour of his kind information.
2. The General Manager, T&C and Comm., AEGCL, Narengi, Guwahati-26 __ for favour of his kind information.
3. The Asstt. General Manager, MRT Division, AEGCL, Jorhat __ for favour of his kind information.
4. Office Notice Board.
5. Relevant File.


 Deputy General Manager
 AEGCL, Dibrugarh

INFORMATION FOR BIDDERS

1. Introduction of the Tender Enquiry:

Bids are invited from experienced, financially sound, and reputed firms for procurement of 1(One) no. of fully automatic transformer oil Tan delta and Resistivity test kit for O/o the AGM, MRT Division, AEGCL, Jorhat-785007.

2. Name of work: Supply of 1 (One) no. of Fully Automatic Transformer oil Tan Delta and Resistivity Test kit for MRT Division, AEGCL, Jorhat as per the technical specifications mentioned in the bid document.

3. Estimated value of the work: ₹ 9,30,430.00 (Rupees Nine Lakh Thirty Thousand Four Hundred Thirty) only inclusive of GST and all necessary taxes as applicable as per prevailing rate.

4. Scope of Work:

- I. Supply and Delivery of 1(One) no. of fully automatic transformer oil Tan delta and Resistivity test kit conforming to relevant IS/IEC/EU and its latest amendments and in strict adherence to the terms and conditions of this bid at MRT Division, AEGCL, Jorhat.
- II. All necessary transportation from the factory to the consignee within the stipulated time without any extra cost to the purchaser.
- III. The Consignee for the above supply work is

The AGM, MRT Division, AEGCL, Jorhat- 785007.

5. Submission of Bid:

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

i. Techno-commercial Bid

In the techno commercial bid, the bidders are required to submit copies of (i) Documentation fees (ii) Earnest money deposit (MSMEs are exempted) (iii) PAN, (iv) GST registration, (v) Annual Turn Over Certificate (Rs 14 Lakh average for last 3 years), (vi) Order executing details of similar work, (vii) Guaranteed technical particulars Compliance Sheet, (viii) Authorization from OEM, (ix) Performance Certificate, (x) IT returns for last 3 years, (xi) Power of Attorney, (xii) Bank Solvency, (xiii) P&L statements for last 3 years, (xiv) Audited Balance Sheet for last 3 years.

A set of the above documents must be submitted for techno-commercial evaluation failing which it will be treated as non-responsive. The bidder must pay tender document cost of Rs. 1000.00(Rupees One thousand) only pledged in favour of the MD, AEGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-1 in the form of Demand Draft payable at Guwahati.

Techno-commercial bid shall be summarily rejected if tender document cost and Earnest Money Deposit are not submitted in hard copy by the deadline for technical bid submission.

ii. Price Bid

The Price Bid shall be the offer price for supply (on FOR basis) and inclusive of all cost. Submission of Price Bid Schedule with all quantities and prices shall be filled up as per annexure provided in the detail bid document. **All quoted rate should be inclusive of GST and all necessary taxes as applicable as per prevailing rate.**

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) The rates quoted shall be inclusive of all necessary taxes, duties, freight, and insurance etc.
- c) **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.

- d) Bidders shall submit their most competitive rates. It may please be noted that incomplete tenders shall not be accepted.
- e) 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.
- f) Post revision of quoted rates, terms and conditions having direct or indirect impact on the quoted rates shall not be accepted and the offer would be rejected and earnest money shall be forfeited. Withdrawal of offer within the quoted validity period shall not be accepted and in that case earnest money shall be forfeited. Employer reserves the right for negotiation of rates, terms and conditions only.

6. Important Timeline:

Sl. No.	Description	Date and Time
1.	Tender Document Publishing Date	05.08.2024 11:00 Hrs
2.	Bid Submission Start Date and Time	05.08.2024 12:00 Hrs
3.	Bid Submission End Date and Time	27.08.2024 12:00 Hrs
4.	Technical Bid Opening date and Time	28.09.2024 12:00 Hrs

7. Any query may be submitted to the below address prior to 7 days from the Bid submission end date

The Deputy General Manager (UA T&C and Comm. Circle)
AEGCL, Dibrugarh- 786001
Email – dgmtcc.ua@aegcl.co.in

8. Earnest Money Deposit:

The Earnest money for an amount Rs 19,000.00 (Rupees Nineteen Thousand only) which is approximately 2% (Two Percent) of the estimated value shall be submitted in the form of Demand Draft along with the Techno Commercial bid. Any tender without earnest money in the form mentioned above, shall be rejected outright. The EMD shall be returned to the bidder(s) whose offer is not accepted within one month from the date of LoA (s) to the selected bidder(s). The EMD to the successful bidder shall be released on submission of Performance Bank Guarantee at the time of execution of the agreement. However, if the return of EMD is delayed for any reason, no interest / penalty shall be payable to the bidder. EMD submission is exempted for bidders having MSME Certificate.

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 DGM, UA T&C and Comm. Circle, AEGCL, Dibrugarh as per prescribed format of AEGCL along with acceptance of Letter of Intent (LOI). 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 one 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:

9.1. 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 Transformer oil Tan delta and Resistivity 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) for transformer oil tan delta and resistivity kit is to be submitted along with the supply of the same.

9.2. Financial:

- a) The Minimum Average Annual Turnover (MAAT) of the bidder for the last 3 (three) financial years shall be at least **₹ 14,00,000.00 (Rupees Fourteen 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. Bid Capacity:

The Bidders who meet the minimum qualification criteria mentioned against Clause No. 9.1. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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 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.

17. Termination of Work Order:

Company reserves the right to terminate the work order at any stage in accordance with the Company's General Condition of Supply and Erection in force.

18. Period of completion:

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

18.1 All payment shall be made from the office of the DGM, UA T&C and Comm. Circle, AEGCL, Dibrugarh. **The bills after due verification and passing by the concerned consignee should be placed to the DGM, UA T&C and Comm. Circle, AEGCL, Dibrugarh for payment.** All billing transactions must be in strict adherence with AEGCL payments terms and clause. **Bank Guarantees (BG) submitted along with the bid or to be submitted should be from any branch of nationalized or scheduled Bank of RBI located in Assam. In case of Bidder fails to submit Performance Bank Guarantee, 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, if the successful bidder fails or neglect to perform any of his obligations/duties mentioned in scope of work.

18.2 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, MRT Division, AEGCL, Jorhat 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.

19. 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 commissioning 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.

20. 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.

21. 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.

22. 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 wilful 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.

23. 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.

- 24.** If for any reason the last date of receiving and opening of tender or the date of pre-bid discussion is a declared holiday, the next day will be considered for receiving and opening of Bid or Pre-bid discussion.

25. 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

Sd/-
Deputy General Manager,
UA T&C and Comm. Circle,
AEGCL, Dibrugarh

BILL OF QUANTITIES AND PRICE BIDDING
SCHEDULE

Price Bid Format
(To be filled by the Bidder)

Sl. No.	Name of Item	Unit of Material	No. of Quantities	Rate	GST	Total Rate for Door delivery at our T&C inclusive of loading, unloading, forward stacking, Freight & Insurance
				(A)	(B)	(C=A+B)
1.	Fully Automatic Transformer oil Tan Delta and Resistivity Test Kit	No.	1			

Signature of the bidder
With Seal, Date, address and contact no.

TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION FOR FULLY AUTOMATIC TRANSFORMER OIL TAN DELTA AND RESISTIVITY TEST KIT

Sl. No.	Technical Specifications	System Particulars	Confirmatory (Yes/No)
1.	Functional Requirements for Capacitance, Tan Delta and Dielectric Constant		
	Test Voltage	Range: 200-2000V AC Accuracy: $\pm 1\%$ of reading Resolution: 1V	
		Range: 125-500V DC Accuracy: $\pm 1\%$ of reading Resolution: 1V	
	Dissipation Factor	Range: 0.0001 to 1.0 Accuracy: $\pm 1\%$ of reading Resolution: 0.00001	
	Dielectric Constant	Range: 1 to 13 Accuracy: $\pm 1\%$ of reading Resolution: 0.001	
	Capacitance	Range: 0 to 1200 pF or better Accuracy: $\pm 1\%$ of reading Resolution: 0.01 pF or better	
	Test Temperature	Selectable between Ambient to 110°C or more Accuracy: $\pm 0.5\%$ of reading Resolution: 0.1°C	
2.	Functional Requirements for Resistivity		
	Resistivity	Range: 1×10^9 Ohm-cm to 1×10^{15} Ohm-cm or higher Accuracy: $\pm 2\%$ of reading Resolution: 0.01 or better	
3.	Functional Requirements for Heating Chamber		
	Heating Mechanism	Cell heating facility should be induction heating to heat the cell and oil from Ambient to 110°C or more.	
		The test cell heating to raise the temperature of liquid to test temperature in 10 to 60 minutes.	
	Design	Cell heater to heat the oil uniformly.	
		The cell heater shall have adequate safety features, interlock etc.	
4.	Functional Requirements for Oil Test Cell		
	Capacitance	55-60pF	
	Construction material	Three terminal test cell shall be made up of stainless steel with Teflon spacers.	
	Electrode Spacing	2mm	
	Volume of Oil	45-60ml	
5.	Calibrator	Suitable calibrator with test certificate traceable to National/ International standards from an ISO/IEC 17025 accredited laboratory shall be supplied to carry out internal calibration of Capacitance, Tan delta and Resistivity measurements at periodic intervals for the equipment.	
6.	Test Standards	Instrument fully automatic capable of measuring Dielectric Dissipation factor (Tan δ), Dielectric Constant & Resistivity of insulating liquids as per IEC 60247: 2004; IS6262: 1971(RA 2021)/ ASTM D924:2016, IS6103:1971 (RA 2021)/ ASTM D1169: 2019 and any other relevant standard test methods.	

7.	Safety	Shock proof & safety measurements as per relevant national/ international standards.	
8.	Standard Accessories	One complete set of leads of sufficient with suitable clamps & connectors, compatible with the instruments should be provided for successfully carrying out the test. Additionally all the required accessories such as Standard Calibrator, Software, Communication cable etc. should be provided for smooth functioning of the kit. All the standard accessories for desired monitoring, operation & control of instrument shall have to be provided.	
9.	Display	The instrument shall have in built display for display of input and output parameters like Sample code, Test standard, measuring conditions, input parameters and the test results.	
10.	Printer	In-built Printer	
11.	PC Interface	Kit should have RS232 or USB port for automatic transfer of data to a computer system through interface.	
12.	Memory	Built-in non volatile memory to store minimum 250 test results.	
13.	Power Supply	It shall work on input supply variations, voltage: 230V \pm 10%, Frequency: 50Hz \pm 5% on standard sockets.	
14.	Operating Temperature	15°C to 45°C	
15.	Relative Humidity	Upto 80% non-condensing	
16.	Warranty Certificate	Warranty for 1 year from the date of successful installation and commissioning of equipment at site.	
17.	Calibration Certificate	The instrument shall have calibration traceable to National/ International standards from an International accredited laboratory or with uncertainty calculations.	

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 DGM, UA T&C and Comm. Circle,
AEGCL, Dibrugarh-01**

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 _____, 2024

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*