



NIELIT CALICUT
(Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)
NIT Campus Post, CALICUT-673 601, KERALA
Email: purchase@calicut.nielit.in Web: <http://nielit.gov.in/calicut>
Phone: 0495-2287266

LIMITED TENDER ENQUIRY

Ref. No.: 2(1207)/2020-21/EM/SUBSTN

Date: 08.10.2020

To

DUE DATE: 27.10.2020

TENDER OPENING DATE: 28.10.2020 TIME: 2:00 PM

1. Quotations are invited for the supply of the items as per **Annexure-I**.
2. The quotations duly **SIGNED, SEALED AND SUPERSCRIBED ON THE ENVELOPE WITH THE REFERENCE No. AND DUE DATE**, should be addressed to the undersigned so as to reach on or before the due date stipulated above. Quotations received after the due date will not be considered.
3. Quotation will be opened at the above address on the date and time mentioned above. If this day becomes a holiday, the same will be opened on the next working day. The Tenderer or his authorized representative can be present during tender opening.
4. The quotations should be valid for acceptance for a period of **sixty days** from the due date
5. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
6. The quotations should be for goods exactly conforming to our requirements and specifications.
7. Relevant literature pertaining to the items quoted with full specifications and drawings, if any should be sent along with the quotations, wherever applicable. Samples, if called for, should be submitted free of charges and collected back at the supplier's expenses.
8. Copy of Manufacturing licence, Principal or Authorized Distributor/Dealer Certificate, and Proprietary Certificate, as applicable, should be enclosed.
9. Quotation should be for **free delivery** at our Centre and should clearly specify the **delivery period**. If delivery quoted is Ex-Godown/Consignor Station, delivery charges consisting of freight, packing & forwarding charges, insurance, etc. should be indicated separately. Goods should be supplied duly carriage paid and insured.
10. GST Registration Number of NIELIT Calicut is: **32AAATD0315M1Z6**. GST or any other taxes may be charged as per the rates applicable to Scientific/Educational institutions.
11. **Security Deposit @ 5% of the Purchase Order/Invoice value shall be retained, in case order/contract value exceeds Rs.1,00,000/- (Rupees one lakh), which will be released after the expiry of warranty period.**
12. Goods shall not be supplied without an official purchase order.
13. Payment: Payment will be made after completion of supply, installation/assembly and commissioning of the items covered by the order along with necessary spares supplied to the entire satisfaction of NIELIT CALICUT. Payment against invoices shall normally be made within 30 days of receipt and acceptance of equipment/materials at our office. **No advance payment will be made under any circumstance.**
14. Incomplete quotations and quotations which do not comply with all the above instructions are liable to be summarily rejected.
15. NIELIT CALICUT does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained.
16. **Earnest Money Deposit (EMD) for Rs. 26,500/- be deposited by NEFT in the Bank Account No. 10401158037 (IFSC: SBIN0002207) at State Bank of India, NIT Calicut Branch, CREC Campus, Chathamangalam, Calicut – 673 601, in favour of Director, NIELIT CALICUT, failing which the quotation will be rejected. Proof of Deposit of EMD amount with Tenderer's Bank Account No. and IFSC No. should be submitted with the Quotation. Alternatively, the Tenderer may choose to submit EMD/Bid Security Declaration, as given in Annexure-II, subject to the conditions stipulated therein.**

Yours faithfully,


Purchase In-Charge
For Executive Director

Encl: Annexure

ANNEXURE-I

Your Quotation No.

Date:

1	Description of item(s)	250 KVA Open/Dry type Transformer with enclosure and metering panel (USS) Quantity-1 unit
2	Specifications & Quantity : As per Specifications attached.	
3	Price per unit in Rs. (in figures & words)	
4	Total Price in Rupees (in figures & words)	
5	Delivery Period	
6	Terms of Delivery	
7	Taxes, Duties & any other statutory levies or charges	
8	Transportation, Insurance, Packing & Forwarding charges, if any	
9	Discount/off etc., if any	
10	GST Registration No.	
11	Payment Terms	
12	Validity of Tender	
13	Warranty	
14	EMD Amount and Payment details	
15	Bank Account No. with IFSC Code	
16	Any other remarks	
17	Signature of the Tenderer with Name and Date	
18	Address with Email ID & Mobile No.	
19	Central Public Procurement Portal (www.eprocure.gov.in) Registration, Email login ID	

NB: (1) The prices quoted and Taxes charged should be Academic/Educational Prices/rates, wherever applicable.

(2) Enquiry for the above items and specifications can also be downloaded from our website
<http://nielit.gov.in/calicut> or www.eprocure.gov.in

(3) Please register at www.eprocure.gov.in and intimate login details without fail. Watch website for regular updates.



Technical Specification of 250 KVA Open/Dry type Transformer with enclosure and metering panel (USS)

1	Reference Standards	IS 2026/IS 11171
2	Type & Make of Transformer	Please specify
3	Normal continuous Rating (KVA)	250
4	Voltage Ratio	11 kV/433 V
5	Rated Frequency	50 Hz
6	Number of Phases	3
7	Type of Cooling	AN(Air Natural)
8	Vector Group	Dyn 11
9	Connections (HV / LV)	Delta / Star
10	Winding Material	Copper
11	Type of Tap changer	Off- Circuit Tap Links
12	Tappings on HV side	+5% to -5% in steps of 2.5%
13	Class of insulation	Class F
14	Lamination	CRGO (M-4 Grade)
15	Neutral CT	50/5
16	Reference Ambient Temperature	50°C
17	Temperature rise of windings above ambient	90°C
18	Insulation level a) Impulse withstand voltage (HV) b) Power frequency withstand voltage (HV/LV)	75 kV (Peak) 28 kV (rms) / 3 kV (rms)
19	Terminal Arrangement (HV/ LV)	Coupled to 11 KV HT panel / Cable Box with 400A 4P MCCB (Built-in Over Current & Short Circuit protection)
20	Type of Installation	outdoor
21	Fittings	Lifting lugs , Temperature Indicator Rating and Diagram Plate, Earthing Terminals ,Rain water protection canopy, Enclosure – IP 54, illuminating lamps, safety door with alarm and tripping circuits
22	Warranty /Extended Warranty	5 years

11KV LBS Panel (With HT metering) suitable for 250 KVA CRT

1	Reference Standards	IS 9920
2	Type	Air Break, Manual Front operated
3	Duty	Load Breaking, Fault Making
4	Voltage	11 kV, 3Φ, 50 Hz.
5	Rated Current	630 A
6	Rated short circuit withstand current	26.3 kA/1 sec
7	Operating Handle	To be provided
8	Mechanical Trip push button	To be provided
9	Electrical Trip push button	To be provided
10	Trip Coil Voltage	230 V AC
11	ON / OFF Indicator	To be provided
12	Earth Switch	To be provided
13	Interlock	Between SFU & Earth switch
14	HRC fuse link	3 NOS.
15	Space heater & Thermostat	To be provided
16	Current Transformer	3 Nos. (---/5 A, 10VA, Class 0.2S)
17	Potential Transformer	1 No. (11kV/110 V, 20 VA, Class 0.2)
18	All the related test certificates as per IS standards to be supplied	
19	Catalogue of USS should be provided along with the tender	

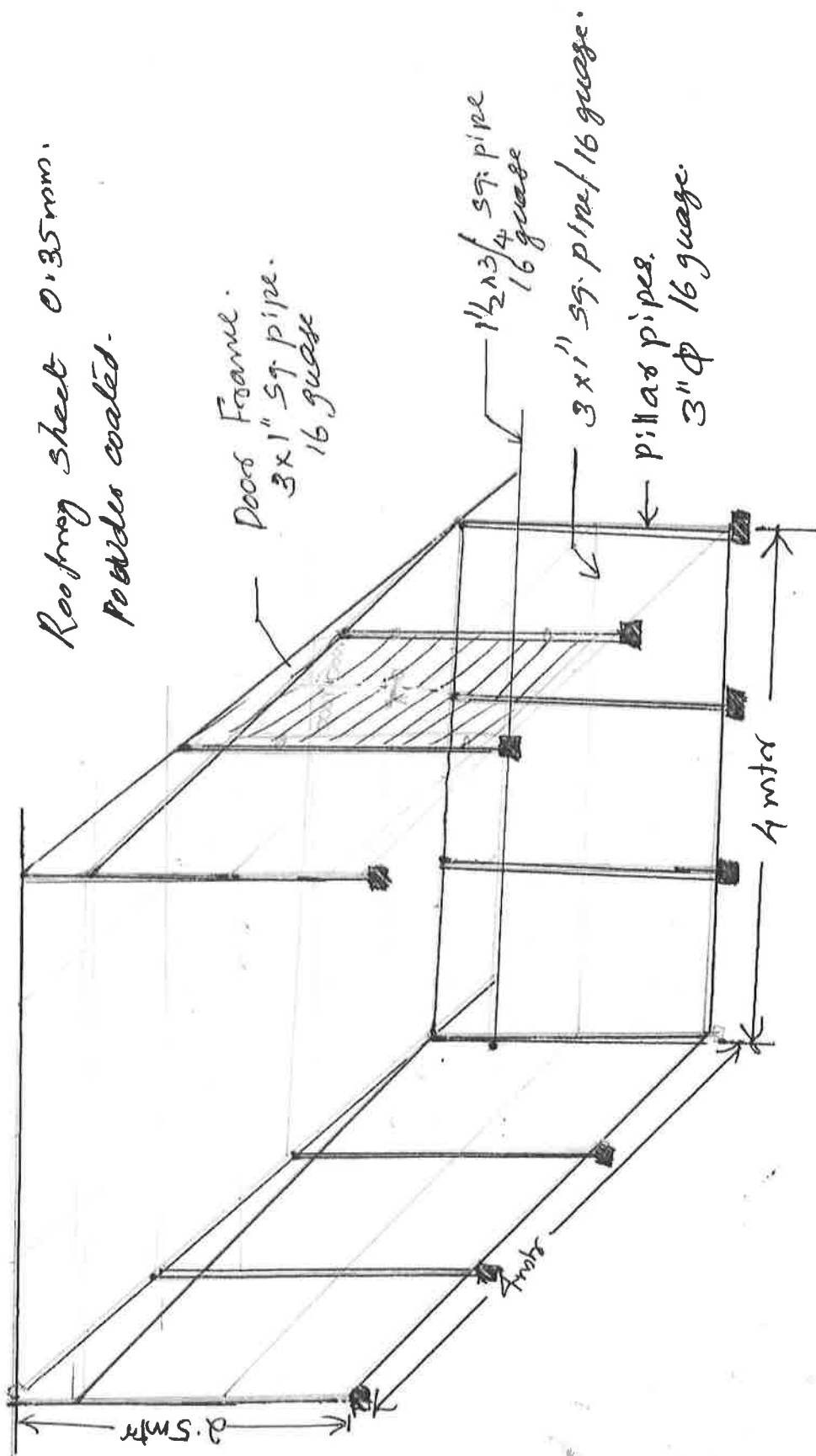


Sign of Authorized Signatory with Name & Seal

Installation of 11 KV/400 Volt/250 KVA Outdoor Dry type transformer with weather proof enclosure(USS) in NIELIT Main Campus including buyback of existing transformer and accessories

Sl. No	Scope of Work/ Description	Qty	Unit	Rate	Amount
1	11 KV Unitized Sub Station (USS)substation Supplying 11kV/433v, 250 kVA , 3 phase, 50 Hz, Copper wound dry type Cast Resin Transformer with all standard accessories. LT side 400A 4P MCCB with suitable arrangement for connecting LT cable etc as per Electrical Inspectorate/ CEA standards/ KSEB requirements. outdoor USS with IP54 enclosure consisting of 11kV 630A,3 pole Load Break Switch Fuse Unit with HRC Fuse with all standard accessories with in built CT/PT unit and provision for fixing TOD Meter. (Technical Specification attached) (The party may visit the site to assess therequirement)	01	Unit		
2	Installation (Labour Charges) of 11kV/433v, 250 kVA , 3 phase, 50 Hz, Copper wound dry type Cast Resin Transformer with all above accessories	01	Unit		
3	providing PCC foundation(2.5m length X 2m width X 0.9m height) for erecting USS as per standard (600mm above ground & 300 mm below the ground level). Also providing a working platform of 0.5 m width around the transformer foundation with laterate stone	LS	-----		
4	HT Cabling Dismantling the existing 3Core, 300 sq.mm/11 kV XLPE insulated armored Aluminum UG cable form the existing transformer structure	LS	-----		
5	Laying of 3 Core,300 Sq.mm XLPE power cable of 11 KV grade , direct in ground including excavation, sand cushioning, protective covering and refilling the trench	20	meters		
6	LT Cabling Supplying and lying 2 no's 3.5 X 240 Sq.mm XLPE insulated 1.1kv grade cable (LT Side) through the cable trench to existing AB Switch	15	meters		

7	Supplying and making outdoor end termination with cast resin compound including aluminum lugs and other jointing materials for 3 X 240 sq. mm PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required.	4	Nos		
8	Earthing, Plate Earth Stations Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	2	Nos		
9	Supplying and laying 25 mm X 5 mm copper strip at 0.50 meter below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required.(Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	30	Meters App.		
10	Preparation of drawings and necessary documents and submitting to the KSEB/Electrical Inspectorate for getting service connection, with all necessary follow up works and all related expenses	LS			
11	Providing extra enclosure/cover with door facility for transformer to a height of 2.1 meter with industrial sheet metal work of 0.35 mm powder coated GI sheet and rust proof fittings. (Drawing Attached)	43	Sq.mtr		
12	<u>Buyback of existing transformer and accessories (Quote separately)</u> a) Existing 250 Kva copper wound oil cooled transformer with 2 nos. old CT & PT. b) Existing 2S Accuracy class CT/PT. c) Dismantling transformer Plinth and buy back of existing GI Chain linked fencing with gate, meter box and 4 pole structure.	LS	-----		
TOTAL AMOUNT IN Rs.					



Sigee N.B.

W.A.

Diagram of enclosure / cover for transformer.

ANNEXURE-II

Undertaking for EMD
(on the letterhead of Organization)

Date:

To
The Executive Director
NIELIT
NIT Campus P.O.
Kozhikode – 673601
Kerala

Subject: Undertaking as per GFR–2017, Rule 170(iii).

Dear Sir,

We, the undersigned, offer to supply in response to your Tender No. dated We are hereby submitting our Bid/Quotation for the same. As a part of eligibility requirement stipulated in the said Tender documents, we hereby submit a declaration in lieu of Earnest Money Deposit (EMD), as given below:

1. Our bid shall remain valid for 60 days from the date of submission and that we will not withdraw or modify our bid during the validity period.
2. In case, we are declared as successful bidder and an order is placed on us, we will submit the acceptance in writing within 7 days of placement of order on us.
3. In case, we are declared as successful bidder and an order is placed on us, we undertake, to submit a Security Deposit of 5% of the order value, as per terms stipulated in the Tender.
4. In case of failure on our part to comply with any of the above said requirements, we are aware that we shall be declared as ineligible for said Tender and/or debarred from any **future bidding process of NIELIT for a period of minimum two years.**
5. The undersigned is authorized to sign this undertaking.

Yours sincerely,

Authorized Signatory:
Name and Title of Signatory (with seal):
E-mail:
Mobile No: