



राष्ट्रीय प्रौद्योगिकी संस्थान - आंध्रप्रदेश
NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH
Near National Highway No. 16, Kadakatla, Tadepalligudem – 534101
West Godavari District, Andhra Pradesh

Ref. No.: NITANP/SMMD/TENDER/2025-26/ **15**

Date: 03.06.2025.

TENDER ENQUIRY

Sub: Procurement of Electrical Components and Minor Equipment for lab - Quotation invited – Regarding.

Please send your lowest quotation for the above item as per the details attached in **Annexure-1**. The quotation is to be sent in a sealed envelope to the following address:

**C/o Tender Box
Material Management & Disposal Section,
Sardar Vallabhbhai Patel Administrative Building
NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH,
Near National Highway No. 16, Kadakatla,
TADEPALLIGUDEM – 534101
West Godavari District, Andhra Pradesh.**

The quotation has to be sent by Post (Ordinary / Register / Speed Post) or drop in Tender Box physically. (Any other mode will not be accepted)

The envelope must be superscribed as “**QUOTATION**” at the center of the envelope and the above **reference number at left top** along with the name of the tender on the envelope. Quotations without the above superscription **will not be accepted**.

The last date to receive the sealed quotation is 25.06.2025.

Annexure-1

Category - I				
S.No	Name of goods & specifications	Quantity	Unit Price (Rs.)	Total Amount (Rs.)
1.	Three- phase voltage sensors (used for both AC and DC sensing capability) with high accuracy along with DSO probes	2		
2.	Three- phase current sensors (used for both AC and DC sensing capability) with high accuracy along with DSO probes	2		
3.	Powering boards for sensors and gate driver circuits (15V, 12V, 5V)	2		
4.	LSR-600-12 DC power supply/ SMPS mean well 12V, 50A, 600W	2		
5.	LSR-600-15 DC power supply/ SMPS mean well 15V, 40A, 600W	2		
6.	LSR-600-24 DC power supply/ SMPS mean well 24V, 25A, 600W	3		
7.	LSR-600-36 DC power supply/ SMPS mean well 36V, 16.6A, 600W	2		
8.	LSR-600-48 DC power supply/ SMPS mean well 48V, 12.5A, 600W	2		
Total Amount				
GST				
Grand Total				
Category - II				
S.No	Name of goods & specifications	Quantity	Unit Price (Rs.)	Total Amount (Rs.)
1.	SKKT 107/16E – Thyristors modules (1.6kV, 119A)	6		
2.	SCR module heat sink	2		
3.	SCR firing module	6		
4.	Inductor filter (50A)	7		
5.	MCCB (60A)	2		
6.	Ganged potentiometer (5k Ohm, 3 watt)	2		
7.	Digital panel mount ammeter (75A)	2		
8.	Digital panel mount voltmeter (1000V)	2		
9.	10sq.mm wire	2		
10.	DC shunt (75mv, 75A)	2		
11.	Lugs	10		
12.	Hardware (Base plate for SCR module)	2		

13.	Single SW SiC-MOSFET module SiC-MOSFET Switches (Silicon carbide MOSFET, single, N-channel, 55A, 1.2kV, 0.075 Ohm, TO-247)	5		
14.	Single SW SiC- MOSFET Gate driver 10A IGBT and SiC MOSFET Gate driver with integrated Over current sensing, FAULT, and UVLO status feedback features ACPL-355JC based design	5		
Total Amount				
GST				
Grand Total				
Category - III				
S.No	Name of goods & specifications	Quantity	Unit Price (Rs.)	Total Amount (Rs.)
1.	Single-phase Auto transformer (0-270V, 35A)	1		
2.	Three--phase auto transformer (0- 440V, 40A)	1		
3.	Soldering iron with controllable temperature – medium (Weller)	1		
4.	GSR 120-Li small rechargeable driller (BOSCH)	1		
5.	Fluke multi-meter (0-600V, 0-10A)	1		
6.	Rheostat (200 Ohms, 20A)	2		
7.	Tektronix A622 AC/DC current probe	1		
Total Amount				
GST				
Grand Total				

Note:

- The bidder may participate in one or more categories listed in Annexure – I. However, it is **Mandatory** that all the items under each selected category are quoted in the bid submission.
- Partially quoted categories will be considered invalid. Consequently, if all the categories quoted by the bidder are found to be invalid due to incomplete quotations, the entire bid shall be treated as unresponsive.
- The total quoted amount for each category from all valid bids shall be compared. The bidder who emerges as the lowest (L1) for a particular category will be awarded the purchase order for that respective category.

While sending your lowest quotation – please specify the following:

- Sales Tax : Inclusive
GST : Indicate prevailing tax on percentage basis.
- Excise Duty :
- Rates
a) F.O.R. Destination/
b) Estimated Packing, Forwarding and Freight Charges in case of Ex-works only, may be mentioned on percentage basis
- Insurance : Inclusive/ indicate on percentage basis, in case payable by the Institute.
- Preferred terms of payment (institute rules permit to pay on Receipt of materials in good condition/completion of the work):
- Recommended mode of transport :
- Discount offered, if any :

8. Validity of the offer :
9. Firm schedule of completion of work :
10. Detailed drawings / catalogues / Leaflets / literature / samples may be furnished wherever feasible / required.
11. Please indicate clearly whether the rates quoted herein are the same as applicable to DGS & D / Government Department / Other Public Sector Undertakings.
12. The supplier shall invariably furnish the **Certificate of Clearance of GST Registration number along with the quotations.**
13. **The quotation should not contain any handwritten text except the Price quoted.**
14. **Rates should be clearly quoted against each item.**
15. All the Submitted documents must be duly signed by the bidder along with the firm's seal.
16. Please mention the Quotation number and name of the item/s (in brief) on your envelope when submitting your quotation to the Institute.
17. Please note that the Director reserves the right to modify or alter the specifications and also to reject any or all the Quotations without assigning any reasons thereto.
18. The suppliers / firms are informed not to call on us without prior appointment.
19. The Institute is not responsible for delays / loss in postal transit or due to any other reasons.
20. Any Violation in the terms and conditions, the bidder will be made ineligible for the contract.



Yours faithfully,

[Handwritten signature]
3/6/25

Head of the Department

सह अधिष्ठाता / Associate Dean
CENTRAL STORES & PURCHASE SECTION
NIT Andhra Pradesh