Website: www.nitandhra.ac.in
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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/2024-25/ 62 **Date**: 30.12.2024

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 **22.01.2025.**

Annexure-1

Category - I		
S.No	**Name of goods & specifications**	**Quantity**
1.	Single-phase Auto Transformer (0-270V, 35A)	1
2.	Three-phase Voltage sensors (Used for both AC and DC sensing Capability) with high accuracy along with DSO probes	2
3.	Three-phase Current sensors (Used for both AC and DC sensing Capability) with high accuracy along with DSO probes	2
4.	Three-phase Autotransformer (440V, 40A)	1
5.	Powering boards for sensors and gate driver circuits (15V, 12V, 5V)	2
6.	Soldering Iron with controllable temperature – Medium (Weller)	1
7.	GSR 120-Li Small Rechargeable Driller (BOSCH)	1
8.	LRS-600-12 DC POWER SUPPLY/SMPS MEAN WELL 12V, 50A, 600W	2
9.	LRS-600-15 DC POWER SUPPLY/SMPS MEAN WELL 15V, 40A, 600W	2
10.	LRS-600-24 DC POWER SUPPLY/SMPS MEAN WELL 24V, 25A, 600W	3
11.	LRS-600-36 DC POWER SUPPLY/SMPS MEAN WELL 36V, 16.6A, 597.6W	2
12.	LRS-600-48 DC POWER SUPPLY/SMPS MEAN WELL 48V, 12.5A, 600W	2
13.	Fluke multimeter 0-600V, 0-10A	1
14.	Rheostat 200 Ohm, 20A	2
15.	Tektronix A622 AC/DC Current Probe	1
Category - II		
S.No	**Name of goods & specifications**	**Quantity**
1.	SKKT 107/16 E- Thyristor 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 (5 kΩ, 3Watt)	2
7.	Digital Panel Mount Ammeter (75A)	2
8.	Digital Panel Mount Ammeter (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, 55 A, 1.2 kV, 0.075 ohm, TO-247)	5
14.	Single SW SiC-MOSFET Gate Driver 10A IGBT and SiC MOSFET Gate Drive with Integrated Overcurrent Sensing, FAULT, and UVLO Status Feedback Features ACPL-355JC based design	5

Note:

- **The bidder may participate in one or both categories mentioned in Annexure-I. However, all the items under the respective category must be quoted in the bid.**
- **The Partially quoted categories will be considered as invalid. Hence the bid shall be treated unresponsive, if both the categories are considered as invalid.**
- **The total of each category of all valid bids shall be compared. The lowest bidder who stands at L1 for each category will be awarded purchase order to respective category**

While sending your lowest quotation – please specify the following:

1. Sales Tax : Inclusive
   GST : Indicate prevailing tax on percentage basis.
2. Excise Duty :
3. 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
4. Insurance : Inclusive/ indicate on percentage basis, in case payable by the Institute.
5. Preferred terms of payment (institute rules permit to pay on Receipt of materials in good condition/completion of the work):
6. Recommended mode of transport :
7. 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. All the Submitted documents must be duly signed by the bidder along with the firm's seal.
15. Please mention the Quotation number and name of the item/s (in brief) on your envelope when submitting your quotation to the Institute
16. 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.
17. The suppliers / firms are informed not to call on us without prior appointment.
18. The Institute is not responsible for delays / loss in postal transit or due to any other reasons.
19. Any Violation in the terms and conditions, the bidder will be made ineligible for the contract.

National Institute of Technology राष्ट्रीय प्रौद्योगिकी संस्थान आंध्रप्रदेश Andhra Pradesh

Yours faithfully,

12/12/24

सह अधिष्ठाता / Associate Dean
Head of the Department
CENTRAL STORES & PURCHASE SECTION
NIT Andhra Pradesh