Website: www.nitandhra.ac.in



## 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/2023-24/38

Date: 30.08.2023

## **LIMITED TENDER ENQUIRY**

**Sub**: Supply of Battery Emulating Software for Bidirectional Programmable DC Power Supply - 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 <u>reference number at left top</u> along with the name of the tender on the envelope. Quotations without the above superscription <u>will not be accepted</u>.

The last date to receive the sealed quotation is 22.09.2023.

Annexure-1

Battery Emulation software of Bidirectional programmable DC power supply Specifications

S. No.	Name of goods & specifications		Qty
1	Battery simulation Software	*Software should support to simulate lead- acid and lithium-ion batteries  *Support quick set up of battery characteristic curves by input common parameters  *Battery curve preview and real-time curve display function  *Support quick set up of battery characteristic curves by input common parameters  *User-defined battery characteristic curve *Should support for Battery simulator protection parameter settings	
2	Parameters	Full Voltage Empty Volatge Inner Resistance Capacity (Ah) Number of cells in series Number of cells in Parallel Intial SOC Count of Loop Cut off condition	01
3	Curve	Should support for 5 curves	
4	Preview Test and Running Cuve	It should support	
5	Table Mode	Should Support	
6	Protection	SOC HIGH ALARM/SOC LOW ALARM SOC HIGH WARNING/SOC LOW WARNING OCV HIGH ALARM/OCV LOW ALARM	

## 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. Please mention the Quotation number and name of the item/s (in brief) on your envelope when submitting your quotation to the Institute
- 14. 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.
- 15. The suppliers / firms are informed not to call on us without prior appointment.
- 16. The Institute is not responsible for delays / loss in postal transit or due to any other reasons.

17. Any Violation in the terms and conditions, the bidder will be made ineligible for the contract.

Yours faithfully,

Head of the Department

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transmissions / firms are informed not to call on us without public apparational

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Yours faithfully.

Head of the Deputment

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