

THAPAR INSTITUTE

OF ENGINEERING & TECHNOLOGY

(Deemed-to-be-University u/s 3 of the UGC Act, 1956)

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Date: October 8, 2018

Enquiry No. TIET/CS/AG/18-19/18338

Sub: Request for Quotation(s) for the supply of Digital Variable DC Power Supplies

Dear Sir

We shall be grateful if you kindly let us have your lowest quotations for the following materials. THE QUOTATIONS SHOULD REACH THE UNDERSIGNED LATEST BY 15.10.2018 through courier or e-mail accompanied by appropriate illustrative literature/catalogues/pamphlets/technical details, samples and specifications as the case may be. On the quotation envelope/ subject the Enquiry Number & Date should be mentioned on the top of the Envelope/mail subject.

Sr. No.	Item Name	Qty.
1.	Digital Variable DC Power Supplies Specificatoin Sheet Attached: Note: Kindly send the technical & commercial quotes separately. Single quote will not be entertained.	1 Nos

The offer sent by you must furnish the following details:

1. Name, Make & specifications of each item.
2. Cost of the item with MRP.(Treat it mandatory)
3. Educational discount if any.
4. Validity of quotation should be at least 60 Days.
5. GST %.
6. Delivery FOR TIET, Patiala
7. Insurance, Freight & other charges if any.
8. Minimum Delivery Period.
9. Payment terms. Net 60 days against delivery & satisfactory installation at Thapar Inst of Engg & Tech.
10. Guarantee / Warranty Information.
11. Also please share your Companies Turnover and Market Share along with the offer.

Regards,

Sd/-

Head Commercial

Digital Variable DC Power Supplies

Technical Specifications

Linear Regulation

Up to 72 V Output Voltage

0.05% Basic Voltage Accuracy

0.2% Basic Current Accuracy

10 mV / 10 mA Programming Resolution

Less than 3 mVp-p Ripple and Noise

Bright Display

20 User-defined Setup Memories

Direct Parameter Entry using Numeric Keypad

Vary Voltage or Current in User-selectable Steps

3-year Warranty

DC Output Rating:

Voltage: 32 V 0 to 32 V 0 to 72 V

Current: 0 to 3 A 0 to 6 A 0 to 1.5 A

Load Regulation:

Voltage: $\leq 0.02\% + 5 \text{ mV}$ $\leq 0.04\% + 6 \text{ mV}$ $\leq 0.02\% + 4 \text{ mV}$

Current: $\leq 0.1\% + 2 \text{ mA}$ typical

Line Regulation

Voltage $\leq 0.1\% + 5 \text{ mV}$

Current $\leq 0.1\% + 2 \text{ mA}$ typical

Ripple and Noise (20 Hz to 7 MHz)

Voltage $\leq 1 \text{ mVRMS} / 3 \text{ mVp-p}$

Current $\leq 5 \text{ mARMS}$

Setting Resolution

Voltage 10 mV

Current 10 mA

Setting Accuracy, (25 °C ± 5 °C)

Voltage $\leq 0.05\% + 10 \text{ mV}$

Current $\leq 0.2\% + 10 \text{ mA}$

Readback Resolution

Voltage 10 mV <20 V: 10 mV

$\geq 20 \text{ V}$: 100 mV

Current 10 mA

Readback Accuracy, (25 °C ± 5 °C)

Voltage $\leq 0.05\% + 15 \text{ mV}$ <20 V: $\leq 0.05\% + 15 \text{ mV}$

$\geq 20 \text{ V}$: $\leq 0.05\% + 120 \text{ mV}$

Current $\leq 0.1\% + 15 \text{ mA}$

Display

Vacuum fluorescent display.

Memory

20 setup memories

Handwritten signatures and initials, including "gmr", "A.B", and "A.M".