



BID SUMMARY DOCUMENT

Bid Details

Bid Status	Active
Bid Owner Department	Indian INSTITUTE of technology M/o Human Resource Development - D/o Higher Education
Creation Date	28-07-2017 00:00
Bid Start Date / Time	28-07-2017 10:36
Bid End Date / Time	08-08-2017 15:00
Product Quantity	7

Product Details

Product Category	dc power supply
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Product Specifications	Over Voltage Protection Accuracy - $\pm 0.5 + 0.5$ V
	DC Voltage Output Rating - 0 to 30 Volt
	DC Current Output Rating - 0 to 4 Ampere
	Operating Temperature - 0 to 40 degree C Degree C
	Readback Voltage Accuracy - $0.05 + 10$ mV
	Readback Current Resolution - 0.1 mA
	Readback Current Accuracy - $0.15 + 4$ mA
	Readback Voltage Resolution - 1 mV
	Maximum Power - 120 Watt
	Dimensions - 213 x mm W x 133 mm H x 348 mm D mm x mm x

Warranty - 3 Year

Weight - GPIB gms

Line Regulation (Voltage) \pm (% of output + offset) - less than 0.01 + 1 mV

Load Regulation (Voltage) \pm (% of output + offset) - less than 0.01 + 2 mV

Line Regulation (Current) \pm (% of output + offset) - less than 0.05 + 0.1 mA

Load Regulation (Current) \pm (% of output + offset) - less than 0.05 + 1.5 mA

Ripple and Noise Voltage (20 Hz to 20 MHz) - less than 1 mVrms less than 4 mVpp

Over Voltage Protection Response Time - less than 10 milli sec

Ripple and Noise Current (20 Hz to 20 MHz) - less than 4 mArms

Operating Humidity (RH) - Up to 80% RH %

PC Interface - USB

Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification including environmental tests as under : (a) Dry Heat : For 16 hrs. at a temp. of 55 degree C in accordance with IS:9000/part-3/section-5/1977 (reaffirmed in 2007). (b) Cold Test : For 4 hrs. at a temp. of -20 degree C in accordance with IS:9000/part-2/section-4/1977 (reaffirmed in 2007). (c) Damp Heat (Cyclic)Test : For 2 Cycles of 24 h each at a temp. of 40 degree C & 95% RH in accordance with IS:9000/part-5/section-1/ 1991 (reaffirmed in 2007). After environmental conditioning sequence as above and a recovery period of two hours, the instrument shall be checked for complete functional parameters, which should be within limits.(Test reports are to be furnished when demanded by buyer) - Yes

Name of the Lab - YES

Test Report Date - YES

Test Report No. - YES

Additional Features (Buyer)

N/A

---Thank You---