

INSTRUMENT DESIGN DEVELOPMENT CENTRE

August 30, 2012

Subject: NIQ FOR SOLAR PANEL SIMULATOR

Quotations are invited for the supply of one no Solar Panel Simulator meeting the following specifications:

1. Input line voltage 100V-250V 50 Hz AC
2. Maximum DC output power 1200W DC
3. Maximum open circuit voltage:120V
4. Maximum ?? voltage: 100
5. Maximum current: 10A
6. Output voltage ripple : 25mV max
7. Interfaces: USB and LAN
8. Programming: The system should be programmable as follows:
 - (a) By entering terminal parameters : maximum power point (Vmp, Imp), open circuit voltage (Voc), short circuit current (Isc).
 - (b) By entering the current and voltage data points
 - (c) Entering Irradiance value
 - (d) Entering Ambient temperature
9. Line and load regulation: < 0.2%
10. Programming and read back accuracy of current and voltage: < 0.5%

NOTES

1. Delivery time after receipt of order must be specified.
2. The quotations must be supplied in two parts in separate sealed envelopes clearly marked as “SPECIFICATIONS OF SOLAR PANEL SIMULATOR” and “COMMERCIAL OFFER FOR SOLAR PANEL SIMULATOR” with name of company clearly specified. The two envelopes must be sealed into another envelope labeled as “QUOTE FOR SOLAR SIMULATOR”
3. The offers must be delivered by 5PM on September 17, 2012 to:
A K Agarwala
IDDCentre
Indian Institute of Technology
New Delhi 110016

(A K Agarwala)
E code 15175

A PDF file is attached

Head IDDC

Webmaster