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Enquire No.: EE/SKM/03  
Kanpur  
15-11-11

**Starting date: 16-11-11**  
**Ending Date: 25-11-11**

To,

CHROMA ATE INC.  
66,Hwa-Ya 1st Rd., Hwa-Ya Technology Park, Taoyuan Hsien 333,Taiwan

**Sub: 10 kW -15 kW programmable solar power simulator**

We are inviting quotation for a Programmable DC Power Supply 600V/17A (or 25 A)/10KW-15 kW with Solar Array Simulation. The power supply will be used in a lab environment to carry out various renewable power related experiments.

It's required to have Ethernet connectivity for remote access. Apart from that the following features are required.

- Voltage range : 0 ~600V with current output of either 17 A or 25 A (Please quote all products that meet the specs)
- 3U/10kW -15 kW high power density module with easy master/slave parallel operation up to 150kW
- Fast transient response solar array simulation
- Simulation of multiple solar cell material's I-V characteristic (fill factor)
- Simulation of dynamic irradiation intensity and temperature level from clear day to cloud cover conditions
- Shadowed I-V curve output simulation
- Low leakage current (< 3mA)
- Precision V & I measurements
- Auto I-V program: 100 I-V curves & Dwell time 1-15,000s
- Static & dynamic MPPT efficiency test
- Data recorded via softpanel
- Standard USB / RS232 / RS485 interface
- Optional GPIB / Ethernet interface
- Real time analysis of PV inverter's MPPT tracking via softpanel

We request to kindly send in your quotes and specs by 25<sup>th</sup> of Nov. Thanks,

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