

Qualifying Criteria for Vendors

1. Only those offers from vendors are acceptable where the OEM's are ISO certified. The vendor should provide a copy of the ISO certificate of the OEM along with the offer.
2. The vendor must be able to provide Documentary evidence of purchase/sourcing of the items from the OEM during supply.

Technical Specifications

A. The specifications required for the AC-DC 24V/5V dual output power supply(**Qty – 10 Nos.**):

1. AC - DC SMPS, enclosed frame, mountable on chassis/base plate using fixing screws.
2. Input: Single phase 230 V AC, 50 Hz.
3. Dual channel DC output.
4. Output power: 35 W.
5. Output Specifications:

Specification	Channel 1	Channel 2
Rated Voltage	5 V DC	24 V DC
Rated Current	2.2 A	1.0 A
Line regulation	1% max	2% max
Load Regulation	2% max	5% max
Ripple and Noise (20 MHz Bandwidth)	80 mV _{p-p}	150 mV _{p-p}

6. Efficiency: 79% or better.
7. Overvoltage and overload protection: Automatic recovery after removal of fault condition or restart.
8. Vendor should provide datasheets for the offered item/part no. without which the offer may be rejected.
9. Compliance to EMI-EMC and Safety standards; the datasheets provided by the vendor should explicitly mention the EMI, EMC and Safety Standard/Regulation Numbers complied by the offered items.
10. Rugged chassis mount with metal enclosure.
11. Quantity: 10 Nos.
12. Warranty: 1 year standard warranty.

B. The specifications required for the AC-DC 5V/+15V/-15V triple output power supply(**Qty – 6 Nos.**):

1. AC - DC SMPS, enclosed frame, mountable on chassis/base plate using fixing screws.
2. Input: Single phase 230 V AC, 50 Hz.
3. Triple channel DC output.
4. Output power: 60 W.
5. Output Specifications:

Specification	Channel 1	Channel 2	Channel 3
Rated Voltage	5 V DC	+15 V DC	-15 V DC
Rated Current	5.0 A	2.2 A	0.5 A
Line regulation	1.0% max	3.0% max	1.0% max
Load Regulation	2.0% max	6.0% max	5.0% max
Ripple and Noise (20 MHz Bandwidth)	80 mV _{p-p}	150 mV _{p-p}	150mV _{p-p}

6. Efficiency: 77% or better.
7. Overvoltage and overload protection: Automatic recovery after removal of fault condition or restart.
8. Vendor should provide datasheets for the offered item/part no. without which the offer may be rejected.
9. Compliance to EMI-EMC and Safety standards; the datasheets provided by the vendor should explicitly mention the EMI, EMC and Safety Standard/Regulation Numbers complied by the offered items.
10. Rugged chassis mount with metal enclosure.
11. Quantity: 6 Nos.
12. Warranty: 1 year standard warranty.

Acceptance Criteria

1. Documentary evidence of purchase/sourcing from the OEM should be provided along with the items.
2. The items will be checked at VECC before final acceptance.

Standard Clause

Post supply inspection in respect of supplies made is not permitted. Any offer containing the condition of the post supply inspection will be out-rightly rejected. It is therefore, mandatory for the bidders, while quoting, to indicate in clear terms the requirement, if any, of the post supply inspection by any outside agency.