

Bid Document

Bid Details	
Bid End Date/Time	11-07-2020 13:00:00
Bid Opening Date/Time	2020-07-11 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Air Force
Office Name	*****
Total Quantity	3
Item Category	DC Regulated Power Supply
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

DC Regulated Power Supply (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	DC Regulated power supply as per	QRs/Specification approved by CRPF vide Lr.No.BV7/2018-19C(D RPS) dated.14.01.2019	*
OUTPUT	Variable voltage range	0 to 30 V (+10%)	0 to 30 V (+10%)
	Variable voltage control	Single turn coarse and fine control, continuously adjustable	*
	Variable current range	0 to 30 A (+10%)	0 to 30 A (+10%)
	Variable current control	Single turn coarse and fine control, continuously adjustable	*
	Configuration	Constant Voltage and Constant Current	*
	Load regulation	$\leq \pm 0.1\% + 2 \text{ mV}$ for V 10% change in line voltage	*
	Line regulation	$\leq \pm 0.1\% + 2 \text{ mV}$ for load change on zero to full load	*
	Ripple and Noise	1 mV RMS Max. 20 Hz to 20 MHz	*
	Stability under constant line, load and temperature - in Constant Voltage mode	$< \pm 0.2\% \pm 10 \text{ mV}$	*
	Stability under constant line, load and temperature - in Current mode	$< \pm 0.2\% \pm 0.5 \text{ mA}$	*
	Transient response	0.1 set to within 10 mV of set output voltage for load change from 50% to 90%	*
	Total output power	Nominal: 900 Watts, Maximum: 2000 Watts	*
	Meters	Display to indicate Volts and Amps.	*
	Voltage and current accuracy	$\leq \pm 0.5\%$ ref. voltage 1 volt	*

	Terminals	Provided on the front / rear panel	*
INPUT	voltage / Frequency	220 V +/- 10%, 50 Hz, Single Phase AC	220 V +/- 10%, 50 Hz, Single Phase AC
	Total input VA	1300 VA or better @ 65% efficiency	1300 VA or better @ 65% efficiency
	Input current rating	Nominal: 5.05 Amps @ 220m Volts, Maximum: 0.28 Amps @ 207 Volts	*
	Connection	3 Pin, 15 Amps Moulded cord	*
PROTECTION	Overload & Short circuit (Through CC/CV Mode)	DC Fuse + MCB as well as AC MCB or over voltage protection / over current protection	DC Fuse + MCB as well as AC MCB or over voltage protection / over current protection
ENVIRONMENTAL	Operating Temperature	0 to 55 deg C	0 to 55 deg C
	Humidity	90% at 45 deg C non condensing	*
	Cooling type	Force Air, Natural convection cooling	*
ACCESSORIES	All measuring probes with connectors	Yes provided	*
	All charging probes with connectors	Yes provided	*
GROUP: CERTIFICATION	Availability of type test report from Central Govt., lab/NABL/ILAC accredited lab to conformity of the specification	No	No

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****WEST MIDNAPORE	3	30

Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---