

Bid Document

Bid Details	
Bid End Date/Time	16-07-2019 15:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Rajasthan
Department Name	Technical Education Department Rajasthan
Organisation Name	Rajasthan Technical University (rtu) Kota
Office Name	Rajasthan Technical University Kota
Total Quantity	4
Item Category	Online UPS
Average Turnover (Last 3 Years)	4 Lakh (s)
OEM Average Turnover (Last 3 Years)	29 Lakh (s)
Experience with Government Required	3 Year (s)
MSE Exemption For Years Of Experience And Turnover	No
Startup Exemption For Years Of Experience And Turnover	No
Bid to RA enabled	No

Online UPS (4 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Rating in KVA (KVA)	10.0 KVA	10.0 KVA
	Technology	IGBT-PWM without inbuilt isolation transformer	IGBT-PWM without inbuilt isolation transformer
	Input Power	Three phase 300 V - 450V sinewave,50Hz	Three phase 300 V - 450V sinewave,50Hz
	Output power	Single phase 230V +/-1% sinewave 50 Hz	Single phase 230V +/-1% sinewave 50 Hz

	Backup time (Minutes)	60	60
	Minimum VAH (VAH)	16000	400 - 640000
	Warranty for UPS (Years)	2	2
	Movable trolley for Batteries	Without trolley but with rack	Without trolley but with rack
	Warranty for battery	2	2
	Degree of Protection	IP21	IP21, IP20
	Cabling 5 meters for input and out put	With	With
	Paralleling kit for synchronising	Without	With, Without
	Installation and Commissioning	Yes	*
CONSTRUCTIONAL	Minimum thickness of M.S.Sheet Enclosure duly painted (mm)	1.2	*
	Type of Battery	SMF-VRLA conforming to JISC:8702(Pt.I,II&III)	*
FUNCTIONAL	Maximum overshoot and Under shoot of output rated voltage	4	*
	Voltage Regulation from no load to full load (%)	< / = 3%	*
	20% Overload limit for minimum 10 minutes	Yes	Yes
	Overall Efficiency (%)	> / = 90%	> / = 90%
	Total Harmonic Distortion(THD) (%)	Maximum 3%	*
	50% Overload limit for minimum 1 minutes	Yes	Yes
PROTECTION	Protection for under voltage at battery terminal at 10.5V per 12 V battery.	Yes	*
	Protection of Over voltage,Short Circuit & over load at UPS output terminal	Yes	*
METERING AND INDICATIONS	Digital Metering in UPS for AC Input Voltage,Output AC Volt	Yes	*

	age,Current,Frequency, Battery Voltage and Current		
	Indicators for mains presence,Battery charging and discharging,Output Over Load, Low Battery Voltage	Yes	*
REPORTS AND CERTIFICATION	Damp Heat : in accordance with IS:9000(part 5/sec.2)1981 at Temperature of 40 degree C,two cycles of (12+12) hours each 2007)	Yes	*
	Dry Heat Test : in accordance with IS:9000 (part 3/sec.5)1977 (reaffirmed 2007) at 55 degree C for 16 hrs	Yes	*
	Cold Test : in accordance with IS:9000 (Part 2/Sec.4)1977 (Reaffirmed 2007) at -10 degree C for 4 hrs.	Yes	*
	Availability of the Type Test Report from Central Govt. /NABL/ILAC Accredited lab covering all technical requirements.	Yes	*
	Type Test Certificate No.	-	*
	Type Test Certificate date	-	*
	Name of Lab	-	*
	Address of Lab	-	*
	As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as applicable	Yes	*

* Bold specifications 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.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	4	30

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

1. Special Terms and Conditions as defined by world bank at [click here](#) will also be applicable
2. **Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
3. The Purchaser reserves the right to increase or decrease the ordered quantity up to 25 percent at the time of placement of contract . The purchaser also reserves the right to increase the contracted qty up to 25% during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly
4. Replacement under warranty clause shall be made by the Seller free of all charges at site including freight, insurance and other incidental charges.During the warranty period, the Seller shall remain responsible to arrange replacement in next Business day (NBD) and for setting right at his own cost any equipment installed by him which is of defective manufacture or design or becomes unworkable due to any cause whatsoever. The decision of the Buyers representative in this regard to direct the contractor to attend to any damage or defect in work shall be final and binding on the Seller.
5. **Timely Servicing / rectification of defects during warrantee period:** After having been notified of the defects / service requirement during warrantee period, Seller has to complete the required Service / Rectification within time limit specified. If the Seller fails to complete service / rectification with defined time limit, a penalty of defined % of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).
 - (i) Time Limit for Service / Rectification of defects will be as defined in the SLA document for the service.
 - (ii) Penalty per week of delay as % of unit price of product will be as defined in the SLA document for the service.
 Seller to give compliance Yes / No while submitting bid.
6. The Bidder shall be responsible for any defects that may develop under the conditions provided by the contract and under proper USE, arising FROM faulty materials, design OR workmanship such AS corrosion, inadequate quantity of material TO meet equipment requirements, inadequate contact protection, deficiencies in design AND/ OR otherwise and

shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect the stores are faulty.

7. Availability of Service Centres : Bidder /OEM must have a Service Centre in the District of each Consignees Location
8. Office of the Service Provider (through Bid) IS preferred to be located at a place near to the Buyers /consignee headquarter or any branch or registered office for sake of better co-ordination, smooth services and other administrative factors.
9. Buyer/consignee shall have the right to inspect the supplied goods themselves AND/OR through their appointed agency at consignees own cost, at consignees site(s) after receipt and accept OR reject on proper justification any consignment of goods within a period of 30 days of receipt of consignment of goods. 100% payment will be released within ten (10) days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on on-line submission of bills
10. Bidder/ Supplier/ Organization/ Proprietor/ ANY of the Director(s) shall not be banned or suspended or black listed by any Government / Public Sector Undertaking / Corporate organization or convicted in any Court of Law across India or declared Bankrupt or insolvent. A self declaration certificate must be uploaded in the GeM portal under Bidders Official Letter Head.
11. Bidder shall submit the detailed BOM of the equipments offered duly verified and certified BY the respective OEM. The detailed BOM shall indicate quantities and price break up of various modules/sub modules/cards/Licenses required for each equipments.
12. OEM or Authorized distributor/Partner of OEM should have a registered office in India to provide sales and 24x7 support in India. The certificate to this effect should be submitted. The bidder should be either OEM or his authorized dealer/distributor.

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

---Thank You---