

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 17:00:00
Bid Opening Date/Time	27-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Production
Organisation Name	Indian Ordnance Factories
Office Name	*****
Total Quantity	1
Item Category	Online UPS
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	Yes
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	3.00
EMD Amount	19072

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	26

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Ordnance Factory Ambajhari
 Ordnance Factory Ambajhari Nagpur, Maharashtra, Department of Defence Production, Indian Ordnance Factories,
 Ministry of Defence
 (General Manager)

Splitting

Bid splitting not applied.

Online UPS (1 pieces)**Technical Specifications**

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Generic	Rating in KVA (KVA)	15.0 KVA	15.0 KVA
	Technology	IGBT-PWM with inbuilt isolation transformer	IGBT-PWM with inbuilt isolation transformer
	Input Power	Three phase 300 V - 450V sinewave,50Hz	Three phase 300 V - 450V sinewave,50Hz
	Output power	3 Phase 400V +/-1% with alternative user settable setting of 380V +/-1% 50 Hz	3 Phase 400V +/-1% with alternative user settable setting of 380V +/-1% 50 Hz
	Backup time (Minutes)	60	60
	Minimum VAH (VAH)	26520	26520
	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	IP20	IP20
	Cabling 5 meters for input and out put	With	With
	Paralleling kit for synchronising	With	With
	Installation and Commissioning	Yes	*
Constructional	Minimum thickness of M.S.Sheet Enclosure duly painted (mm)	1.0	*
	Type of Battery	SMF-VRLA conforming to JISC:8702(Pt.I,II&III)	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 (%)	>=96%	>=96%
	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 Voltage,Current,Frequency, Battery Voltage and Current	Yes	*
	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	Not applicable presently	*

* 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	*****	*****NAGPUR	1	30

Special terms and conditions for category Online UPS

1. Calculation of Minimum VAH based on Back up time Minimum VAH requirements would be calculated on the basis of following: (VAH Calculation: Battery Voltage x Battery Ah x No. of Batteries = VAH) UPS Rating 15 Minutes 30 Minutes 60 Minutes 90 Minutes 120 Minutes 180 Minutes 240 Minutes 1 KVA 400 VAH 800 VAH 1600 VAH 2400 VAH 3200 VAH 4800 VAH 6400 VAH 2 KVA 800 VAH 1600 VAH 3200 VAH 4800 VAH 6400 VAH 9600 VAH 12800 VAH 3 KVA 1200 VAH 2400 VAH 4800 VAH 7200 VAH 9600 VAH 14400 VAH 19200 VAH 5 KVA 2000 VAH 4000 VAH 8000 VAH 12000 VAH 16000 VAH 24000 VAH 32000 VAH 6 KVA 2400 VAH 4800 VAH 9600 VAH 14400 VAH 19200 VAH 28800 VAH 38400 VAH 7.5 KVA 3000 VAH 6000 VAH 12000 VAH 18000 VAH 24000 VAH 36000 VAH 48000 VAH 10 KVA 4000 VAH 8000 VAH 16000 VAH 24000 VAH 32000 VAH 48000 VAH 64000 VAH 15 KVA 6000 VAH 12000 VAH 24000 VAH 36000 VAH 48000 VAH 72000 VAH 96000 VAH 20 KVA 8000 VAH 16000 VAH 32000 VAH 48000 VAH 64000 VAH 96000 VAH 128000 VAH 160000 VAH 192000 VAH 240000 VAH 320000 VAH 400000 VAH 480000 VAH 560000 VAH 640000 VAH 720000 VAH 800000 VAH 1600000 VAH 2400000 VAH 3200000 VAH 4800000 VAH 6400000 VAH

Bid Specific Additional Terms and Conditions

1. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
2. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
3. Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
4. Bidders can also submit the EMD with Account Payee Demand Draft in favour of GM OFAJ payable at Nagpur. Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
5. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of GM OFAJ A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
6. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of GM OFAJ payable at Nagpur. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
7. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of GM OFAJ A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.
8. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
9. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
10. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
11. 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.
12. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
13. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for

Service Support.

14. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 15 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% 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). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
15. Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

---Thank You---