

Bid Document

Bid Details	
Bid End Date/Time	31-12-2020 17:00:00
Bid Opening Date/Time	31-12-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Science And Technology (dst)
Organisation Name	Indian Institute Of Astrophysics (iia)
Office Name	Bengaluru
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	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	No
Inspection Required	No
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Online UPS (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

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Specification	Specification Name	Bid Requirement (Allowed Values)
Generic	Rating in KVA (KVA)	3.0 KVA
	Technology	IGBT-PWM with inbuilt isolation transformer
	Input Power	single phase 160V - 260V sinewave,50Hz
	Output power	Single phase 230V +/-1% sinewave 50 Hz
	Backup time (Minutes)	240
	Minimum VAH (VAH)	14000
	Warranty for UPS (Years)	3
	Movable trolley for Batteries	Without trolley but with rack
	Warranty for battery	2
	Degree of Protection	IP21
	Cabling 5 meters for input and out put	With
Paralleling kit for synchronising	With	
Constructional	Minimum thickness of M.S.Sheet Enclosure duly painted (mm)	1.2
	Type of Battery	Stationary Lead Acid Batteries (with tubular positive plates) in monobloc container conforming to IS:13369:1992 latest
Functional	20% Overload limit for minimum 10 minutes	Yes
	Overall Efficiency (%)	>/=90%
	50% Overload limit for minimum 1 minutes	Yes
Reports And Certification	As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as applicable	Yes

* 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 Parameters - Online UPS (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
3 KVA Online UPS with Tall tubular lead acid battery	3 KVA Online UPS with 12V 100Ah Tall Tubular lead acid battery -10 Nos (C20 type), 4 hours backup, with 4year warranty -Buy Back offer)
Operating Temperature UPS Battery Voltage Flexible Management	The Operating Temperature of UPS should be 0 to +40 degree Celsius. UPS Battery Voltage setting should be 120VDC and compatible with tall tubular batteries of 10 nos. Flexible battery management should be provided
ROHS and RS232 Option Certification and Surge Protection	ROHS Certificate and RS232 Port Options required. Equipment should be provided with Surge Protection Device (Type-II SPD)

Device	
Periodic Inspection	The regular checking of UPS and Batteries must be done for every 6 months during warranty period. Any charges towards the transportation of men and materials (to/from the site) during warranty period including periodical inspection should be the responsibility of vendor.
Fire Retardant Low Smoke Cable	Vendor should provide FRLS Cable between UPS and the Main supply 25 feet in length. Vendor should provide FRLS Cable (Single Core, Annealed Tinned Copper Conductor) from UPS to Batteries. There should be eyelets and crimped the same interconnecting cables 2 feet length for battery.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Ebenezer Chellasamy	624103,Kodaikanal Solar Observatory Indian Institute of Astrophysics KODAIKANAL For receipt and acceptance : contact Mr. Vivek C : 9440259855	1	21

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 20 KVA 8000 VAH 16000 VAH 32000 VAH 48000 VAH 96000 VAH 30 KVA 12000 VAH 24000 VAH 48000 VAH 72000 VAH 96000 VAH 144000 VAH 40 KVA 16000 VAH 32000 VAH 64000 VAH 96000 VAH 128000 VAH 192000 VAH 256000 VAH 60 KVA 24000 VAH 48000 VAH 96000 VAH 144000 VAH 192000 VAH 288000 VAH 384000 VAH 80 KVA 32000 VAH 64000 VAH 128000 VAH 192000 VAH 256000 VAH 384000 VAH 512000 VAH 100 KVA 40000 VAH 80000 VAH 160000 VAH 240000 VAH 320000 VAH 480000 VAH 640000 VAH

Bid Specific Additional Terms and Conditions

1. Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address Kodaikanal Solar Observatory (KSO) Kodaikanal Dindigul District Tamil Nadu Tamil Nadu.
2. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
3. Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.
4. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No. and date : 47/2017 dated 14/11/2017
- 5.1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
6. **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.

7. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
8. 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.
9. ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.
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. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
12. Buyback for Non PFMS/Non GPA:
 1. GST will apply on the value of buyback and separate invoice is to be prepared by Government buyer/Consignee for buyback items offline outside the GeM system. Vendor should work out input credit for that GST applicable on the buy back while quoting the product/services.
 2. Input GST Credit consideration by seller- seller shall offer the prices in the bid by the total amount of new goods including GST- total amount of old goods quoted by the firm excluding GST. This is because GST charged by buyer on buy-back value will be available for full ITC (input tax credit) on the hands of bidder. Therefore, for the purpose of quoting in the bid and evaluation, value as quoted by the bidder (excluding any GST on buy back) as indicated in column G below will be considered.

Illustrative examples for bidders are as under for understanding of the seller.

Excel sheet for explanation to Buyback ATC							
S.no	Cost of Fresh Good (A)	%age of GST on Fresh Good as considered by seller at the time of quote (B).	GST Amount on Fresh Good (C)	Cost of Buyback item (D)	%age of GST on Buyback items (E) as fixed by buyer in the bid	GST Amount on Buyback item (F) as applicable at the time of invoice by buyer	Quote of the Bidder (G={A+C-D})
1	100	28	28	20	8	1.6	108
2	100	9	9	20	8	1.6	89
3	110	10	11	24	8	1.92	97

Seller after the award of the GeM contract, will indicate all column A to G which will not alter their quoted price indicated in Column-G

3. Successful lowest bidder has to provide detailed cost break up of tendered items as well as buy back items separately after award of contract through email to the government buyer/consignee.
4. The seller of new item /service provider shall deposit the cost of invoiced buy back item with GST to the buyer for allowing seller to lift up the material from the buyer/consignee premise.
5. Transportation of buy back items from buyer premises shall be arranged by the seller itself without any extra cost.
6. Government Buyer organisation /consignee will issue invoice of buy back items to the seller at the cost of buyback to be indicated to the buyer by the seller offline after receipt of order. This in no case will modify the bid in any manner.
7. The seller will be entirely responsible for the safe disposal of old items without affecting the environment in any manner as per prevailing statutory rules and Act/ law of the land.
8. The seller may visit the site and inspect the condition of buy back item in advance before quoting for the bid.
9. Receipt of payment by the buyer for Old items and invoicing by buyer will be out of GeM portal.
10. Government Buyer will upload the details of old goods along with the bid in the corrigendum with minimum price.
11. If the minimum price (Optional) is indicated and sellers of new item who are not agreeing to take back the old item at equal to or above that minimum price should not participate in the bid.
12. In case they participate into the bid and afterwards indicates the price of old goods, less than the minimum price shown by Government Buyer in corrigendum, EMD of the bidder will be forfeited.
13. Item Details Consignee wise will be indicated in the corrigendum like -
 1. Consignee wise
 2. Item Description
 3. Serial Number
 4. Model
 5. Brand
 6. Year of manufacturing
 7. Purchased on
 8. Age
 9. Size, Rating, Designation
 10. Quantity
 11. Min price (Optional)
 12. Unit
 13. Working Guidelines (/Functional/Non-Functional)

14. Remarks
14. The successful bidder shall remove the old goods from the premise of the Government buyer/consignee at the time of the supply, installation and commissioning of fresh goods. Seller will be entitled for payment only after removal of old goods from Government buyer/consignee/user's premise and after supplying the fresh goods in terms of contract.
15. Note: This clause of ATC shall be operated by non PFMS; non GPA buyer i.e. all PSU working through their ERP and not integrated with GPA.
13. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 4 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
14. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
15. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
16. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
17. For hazardous chemical/item, all precautionary measure as per regulation from the point of transportation/ handling/ storage/ safety/ health/ environment to be undertaken/ specified before dispatch. During dispatch, proper symbol for the hazard/ MSDS/ Batch No./ date of manufacturing/ Gross Weight/ Net Weight/ shelf Life etc are to be written/ printed/ pasted on the body of the packing.
18. **NET WORTH:** Net Worth of the OEM should be positive as per the last audited financial statement.
19. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
20. 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 3 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.
21. Warranty period of the supplied products shall be 4 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
22. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
- Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - Execution certificate by client with order value.
 - Any other document in support of order execution like Third Party Inspection release note, etc.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---