

Bid Document

| Bid Details | |
|--|--|
| Bid End Date/Time | 27-07-2020 16:00:00 |
| Bid Opening Date/Time | 27-07-2020 16:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 30 (Days) |
| Ministry/State Name | Ministry Of Civil Aviation |
| Department Name | Airports Authority Of India (aai) |
| Organisation Name | Airports Authority Of India ,rhq Nr - Rangpuri |
| Office Name | Aai Rhq Nr |
| Total Quantity | 2 |
| Item Category | Online UPS |
| 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 |
|----------|----|

ePBG Detail

| | |
|----------|----|
| Required | No |
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Splitting

Bid splitting not applied.

Online UPS (2 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 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 setable setting of 380V +/-1% 50 Hz | 3 Phase 400V +/-1% with alternative user setable setting of 380V +/-1% 50 Hz |
| | Backup time (Minutes) | 30 | 30 |
| | Minimum VAH (VAH) | 8000 | 8000, 64000 |
| | Warranty for UPS (Years) | 2 | 2 |
| | Movable trolley for Batteries | With | With |
| | Warranty for battery | 2 | 2 |
| | Degree of Protection | IP20 | IP20 |
| | Cabling 5 meters for input and output | With | With |
| | Paralleling kit for synchronising | With | With |
| | 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) | 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 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 | Yes | * |

| | | |
|--|-----|---|
| C,two cycles of (12+12) hours each 2007) | | |
| 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 | * |

* 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 | Dinesh Prasad Mishra | 248140,AIRPORTS AUTHORITY OF INDIA DEHRADUN AIRPORT | 2 | 15 |

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 Rating15 Minutes30 Minutes60 Minutes90 Minutes120 Minutes180 Minutes240 Minutes1 KVA400 VAH800 VAH1600 VAH2400 VAH3200 VAH4800 VAH6400 VAH2 KVA800 VAH1600 VAH3200 VAH4800 VAH6400 VAH9600 VAH12800 VAH3 KVA1200 VAH2400 VAH4800 VAH7200VAH9600 VAH14400 VAH19200 VAH5 KVA2000 VAH4000 VAH8000 VAH12000 VAH16000 VAH24000 VAH32000 VAH6 KVA2400 VAH4800 VAH9600 VAH14400 VAH19200 VAH28800 VAH38400 VAH7.5 KVA3000 VAH6000 VAH12000 VAH18000 VAH24000 VAH36000 VAH48000 VAH10 KVA4000 VAH8000 VAH16000 VAH24000 VAH32000 VAH48000 VAH64000 VAH15 KVA6000 VAH12000 VAH24000 VAH36000 VAH48000 VAH72000 VAH96000 VAH20 KVA8000 VAH16000 VAH32000 VAH48000 VAH64000 VAH96000 VAH128000 VAH30 KVA12000 VAH24000 VAH48000 VAH72000 VAH96000 VAH144000 VAH192000 VAH40 KVA16000 VAH32000 VAH64000 VAH96000 VAH128000 VAH192000 VAH256000 VAH60 KVA24000 VAH48000 VAH96000 VAH144000 VAH192000 VAH288000 VAH384000 VAH80 KVA32000 VAH64000 VAH128000 VAH192000 VAH256000 VAH384000 VAH512000 VAH100 KVA40000 VAH80000 VAH160000 VAH240000 VAH320000 VAH480000 VAH640000 VAH

Bid Specific Additional Terms and Conditions

1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

2. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
3. 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.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
6. 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.
7. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.
8. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
 - (i) Single order of at least 35% of estimated bid value; or
 - (ii) Two orders of at least 20% each of estimated bid value; or
 - (iii) Three orders of at least 15% each of estimated bid value.Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

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

---Thank You---