

Bid Document

| Bid Details | |
|---|--|
| Bid End Date/Time | 20-07-2020 11:00:00 |
| Bid Opening Date/Time | 20-07-2020 11:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 45 (Days) |
| Ministry/State Name | Ministry Of Information And Broadcasting |
| Department Name | Na |
| Organisation Name | N/a |
| Office Name | Adg(e)wz, Air And Doordarshan Mumbai |
| Total Quantity | 1 |
| Item Category | Online UPS |
| Bidder Turnover (Last 3 Years) | 1 Lakh (s) |
| OEM Average Turnover (Last 3 Years) | 5 Lakh (s) |
| Experience Criteria | 3 Year (s) |
| MSE Exemption for Years Of Experience | Yes |
| Startup Exemption for Years Of Experience | Yes |
| Document required from seller | Experience Criteria,Past Performance,OEM Authorization Certificate,OEM Annual Turnover *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 |
| Past Performance | 60 % |
| 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.

1. Experience Criteria: In respect of the filter applied for 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 number of years as indicated in the bid document 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 category of primary product having highest value should meet this criterion.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 60% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Online UPS (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|---------------|--------------------------------------|--|--|
| Generic | Rating in KVA (KVA) | 20.0 KVA | 20.0 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 | 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) | 16128 | 16128 |
| | 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 | Without | Without |
| | Paralleling kit for synchronising | Without | 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) | 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 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 | * |

* 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 | Ashok Kumar Sahu | 492007,DOORDARSHAN | 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 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. 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.

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

---Thank You---