

RA Document

| RA Details | |
|--|---|
| RA Technical End Date/Time | 24-07-2020 14:00:00 |
| RA Opening Date/Time | 24-07-2020 14:30:00 |
| RA Life Cycle (From Publish Date) | 90 (Days) |
| RA Offer Validity (From End Date) | 30 (Days) |
| Ministry/State Name | Kerala |
| Department Name | Local Self Government Department Kerala |
| Organisation Name | Commissionerate Of Rural Development |
| Office Name | Aryad Block Panchayat |
| Total Quantity | 10 |
| Item Category | Inverter with sine wave output |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Document required from seller | Experience Criteria,Bidder Turnover,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 |
| Inspection Required | No |

EMD Detail

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| Required | No |
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ePBG Detail

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| Required | No |
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Splitting

RA splitting not applied.

Inverter With Sine Wave Output (10 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|----------------|---|--|---|
| GENERIC | Inverter Governing specification | Generally conforming to IS:13314 | * |
| | Rating in KVA & Min. VAH Capacity of Battery | 1 KVA/4320 VAH | 0.8 KVA/3456 VAH, 1 KVA/4320 VAH, 1.5 KVA/6480 VAH, 2 KVA/8640 VAH, 3 KVA/12960 VAH, 5 KVA/21600 VAH, 7.5 KVA/32400 VAH, 10 KVA/43200 VAH |
| | Technology | MOSFET-PWM | MOSFET-PWM, IGBT-PWM |
| | Energy Star Rating | 3 Star | 3 Star, 4 Star, 5 Star |
| | Trolley | with trolley | with trolley, without trolley |
| | Type of Battery | Tubular battery confirming to IS:13369 | Tubular battery confirming to IS:13369, VRLA battery confirming to JISC:8702(Pt.I,II&III) |
| | Backup time (Minutes) | Minimum 180 Minutes | * |
| CONSTRUCTIONAL | Thickness of sheet for trolley (in mm) minimum | 1.2 | * |
| | Trolley Material | CRCA Steel | * |
| | Type of enclosure | CRCA Steel | * |
| | Thickness of sheet for enclosure (in mm) minimum | 1.2 | * |
| | Inverter shall have by pass facility | Yes | * |
| FUNCTIONAL | Total Harmonic distortion | $\leq 5\%$ | * |
| | Input | Single Phase sine wave(120 to 260 V) | * |
| | Output | Single Phase sine wave 230 V | * |
| | Inverter Efficiency (%) | $\geq 87\%$ | * |
| | Overload Time (in Minutes) | ≥ 10 | * |

| | | | |
|--------------------------|--|-------|---|
| | Overload of rated load (in %) | >=10 | * |
| PROTECTION | Battery cut-off voltage to protect from overdischarge (in Volt) | >10.5 | * |
| | Degree of protection | IP 21 | * |
| METERING AND INDICATIONS | The inverters shall be provided with output voltage and current meters conforming to IS 2419 : 1979 and of an accuracy class not inferior to 2.5 in accordance with IS 1248 : 1983 | Yes | * |
| CERTIFICATIONS | Availability of the Type Test Report from Central Govt. /NABL/ILAC Accredited lab | Yes | * |
| | Climatic test report as per clause 7.10.1 of IS 13314 | yes | * |
| | Type Test Certificate No. | - | * |
| | Name of Lab | - | * |
| | Type Test Certificate date | - | * |
| | Address of Lab | - | * |
| | Inverter shall have valid BIS CRS certifications for < / = 10 KVA | 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

Consignee/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days | |
|-------|-----------------------------|---|----------|---------------|-----|
| 1 | Indira K S | 688522,Block Panchayat Office,Aryad Kalavoor P.O,Alappuzha,Kerala | 10 | 35 | N/A |

Bid Specific Additional Terms and Conditions

1. 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.

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

---Thank You---