

### RA Document

RA Details	
RA Technical End Date/Time	29-06-2020 11:00:00
RA Opening Date/Time	29-06-2020 11:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Navy
Office Name	*****
Total Quantity	1
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
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Post Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

RA splitting not applied.

### Inverter With Sine Wave Output ( 1 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	*
	<b>Rating in KVA &amp; Min. VAH Capacity of Battery</b>	2 KVA/8640 VAH	2 KVA/8640 VAH
	<b>Technology</b>	MOSFET-PWM	MOSFET-PWM
	<b>Energy Star Rating</b>	3 Star	3 Star
	<b>Trolley</b>	with trolley	with trolley
	<b>Type of Battery</b>	Tubular battery confirming to IS:13369	Tubular battery confirming to IS:13369
	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)	$\geq 10$	*
	Overload of rated load (in %)	$\geq 10$	*
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	Yes	*

	inferior to 2.5 in accordance with IS 1248 : 1983		
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	*****	*****VISAKHAPATNAM	1	15	N/A

### 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.

2. Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

(i) Inhibit the desires and designed function of the equipment.

(ii) Cause physical damage to the user or equipment during the exploitation.

(iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property

Right (IPRs) are caused due to activation of any such malicious code in embedded software.

3. **OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
4. **Bidder Turn Over Criteria:** The minimum average annual financial turnover of the bidder 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 bidder 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.
5. **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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
6. **Bid reserved for Make In India products:** Procurement under this bid is reserved for purchase from local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). All bidders must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which the bid is liable to be rejected. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
7. Indian suppliers of this item are not allowed to participate and/ or compete in procurement by some foreign governments. Bidders / products from such countries are not eligible / not allowed to participate in this bid in terms of clause 1 (d) of Public Procurement (Preference to Make in India) Order, 2017
8. **Dedicated /toll Free Telephone No. for Service Support :** BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
9. **Escalation Matrix For Service Support :** Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
10. For clothing and allied items, if pre-dispatch Inspection clause has been selected in the Bid, the Inspection Agency shall forward sample from the accepted lot duly identified/ sealed by it, as Reference Sample to each consignee (one reference sample per consignee) for comparing the lot received at consignee end with such reference sample. Such reference samples will be treated as part of supplied quantity from the lot and cost shall be borne by the Buyer.

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

**---Thank You---**