

Bid Document

Bid Details	
Bid End Date/Time	28-07-2020 12:00:00
Bid Opening Date/Time	28-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Border Road Organisation
Office Name	*****
Total Quantity	5
Item Category	battery chargers
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
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Battery Chargers (5 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Ungrouped			
GENERIC	Charger technology	SMPS Based	Transformer Based, SMPS Based
	Compatibility with battery type (User Selectable)	Lead acid & Tubular & VRLA-SMF	Lead acid & Tubular & VRLA-SMF, Tubular & Lead acid
	Number of Independent charging stations (in numbers)	5	3, 5
CONSTRUCTIONAL	Input Voltage Range (VAC)	160 volt 270 volt (ISI MARKED POWER CORD TO BE PROVIDED)	*
	AC surge protection	AC surge protection at Input side with MOV (Metal Oxide Varistor)	*
	Soft start and Soft stop feature without inrush current	Yes	*
	Facility for charging deep discharged battery through pulse charging.	yes	*
	Not to charge battery in case one or more cells are internally short/ Battery voltage less than 10.5V	Yes	*
	Digital display of output voltage and current	Yes	*
	LED Indication for Charging Status, Charged condition status and reverse polarity	Yes	*
	Cabinet Material	CRCA Sheet	*
	Cabinet Thickness (mm)	minimum 1.2 mm	*
	Length of Charging Cable for each station. (metre)	Minimum 1.5 mtrs. Length (ISI MARKED Cable)	*
	Size of Charging Cable for each station. (sq.	min. 6 sq.mm as per IS:694 ISI MARKED	*

	mm)	FLEXIBLE Cu cable per station	
FUNCTIONAL	Battery/battery bank Voltage (Volts)	12 Volts per station	*
	Capacity of the battery to be charged(User Selectable) (AH)	7 aH TO 120 aH	*
	Maximum Charger output current (Amp)	12 Ampere per station	*
	Charging Cut-off Voltage per 12V battery (Volts)	14.5 volt +/-0.2 volt	*
	Efficiency (%)	> / = 75%	*
	Ripple (Peak to Peak at Full Load) (millivolts)	<100	*
	Reverse Polarity Protection	Yes	*
	Short Circuit Protection	Yes	*
	Over Current Protection	Yes	*
	Over voltage cutoff protection	Over voltage protection at 280 volt at input and automatic recovery at 270 volt when the voltage is reduced from 280 volt	*
	Cut-in voltage for charging a discharged battery (Volts)	Cut-in voltage shall be 10.5 Volt	*
	Cut-off voltage for charging a discharged battery (Volts)	Cut-off voltage shall be 14.5 V + / - 0.2 Volt	*
	Minimum operating temperature (Degree Celsius)	-10	*
	Maximum operating temperature (Degree Celsius)	+55	*
CERTIFICATIONS	Availability of Type Test Report from Central Government /NABL/ILAC Accredited lab To prove conformity to the specification	Yes	*
	Type Test report No.	-	*
	Test report date	-	*
	Name of Lab	-	*
	Address of Lab	-	*

- * 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	*****	*****DEHRADUN	5	40

Bid Specific Additional Terms and Conditions

- 1. End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
- 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. SLBR52**
- 4. Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER):** Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.
- 5. Bid reserved for Make In India products:** Procurement under this bid is reserved for purchase from Class 1 local suppliers 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 class 1 local supplier is denoted in the bid document 50%. 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 04.06.2020 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence

over this clause.

6. 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.
7. 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.
8. 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.
9. 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.
10. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
11. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
12. 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.

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

---Thank You---