

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 18:00:00
Bid Opening Date/Time	23-07-2020 18:30:00
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	Military Engineer Services
Office Name	*****
Total Quantity	242
Item Category	WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM (PAC Only)
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,Certificate (Requested in ATC) *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
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.

WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM (242 pieces) (Under PAC)

Make	crompton
Model	24wattt-5rod

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	White LED based solar street lighting system as per	as per MNRE Specification (Specification uploaded)	*
	Uploaded specification has been seen and understood	Yes	*
PV MODULE	Minimum Power output of PV Module	75 Wp	75 Wp
	PV Module type	Crystalline Silicon Terrestrial Photovoltaic (PV) modules	Crystalline Silicon Terrestrial Photovoltaic (PV) modules
	Minimum efficiency of PV Module (in %)	14	14
	PV Module manufactured in	India	*
BATTERY	Battery voltage, Minimum (in Volts)	12.8	12.8
	Battery capacity, Minimum (in Ah)	30	30
	Battery type	Lithium Ferro Phosphate	Lithium Ferro Phosphate
	Battery enclosure	External enclosure with IP65 Protection	External enclosure with IP65 Protection
LIGHT SOURCE	Light source	White Light Emitting Diode (W-LED)	*
	Rating	12 Watt	12 Watt
	Total luminous flux	≥ 1500 lm.	≥ 1500 lm.
	Luminous efficacy (i.e. system efficacy)	≥ 125 lm/W.	≥ 125 lm/W.
	Color Temperature	5500 K to 6500 K	5500 K to 6500 K
ELECTRONICS	Overall total	>/=90%	>/=90%

	Efficiency of the Electronics		
	Ingress Protection (IP) for Optical and Control gear compartment	IP 66	IP 66
	Necessary lengths of wires/cables, switches suitable for DC use and fuses should be provided	Yes	*
MECHANICAL COMPONENTS	Conformity to the specification for steel Pole	as per IS:1161	*
	Pole Class	Medium	*
	Height of pole (in m)	6	*
	A corrosion resistant metallic frame structure should be fixed on the pole to hold the SPV module	Yes	*
	The pole should have the provision to hold the luminaire.	Yes	*
WARRANTY	Minimum Warranty for street lighting system (including the battery) from the date of supply (in Months)	60	*
	Minimum Warranty for PV module(s) from the date of supply (in Years)	25	*
	Minimum warranty for PV modules output peak watt capacity, which should not be less than 90% at the end of (in Years)	10	*
	Minimum warranty for PV modules output peak watt capacity, which should not be less than 80% at the end of (in Years)	25	*
CERTIFICATIONS	Availability of Type test report from Central Government/NABL/ILAC accredited laboratory to prove conformity to the specification.	Yes	*

Test report number - Must declare	1452	*
Report date - Must declare	08.08.2017	*
Name of lab - Must declare	CG lighting labs	*
Address of lab - Must declare	polo ground bhopal	*
Agreed to furnish valid BIS CRS certificates for the applicable items as on date to buyer / consignee on demand	Yes	*
Agreed to furnish all the test reports and certificates to the buyer/consignee on demand	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

QR/Spcn document	View
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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****NASHIK	242	30

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.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
4. ISO 9001: The bidder must have ISO 9001 certification.

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

---Thank You---