

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 20:00:00
Bid Opening Date/Time	25-07-2020 20:30:00
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	Indian Army
Office Name	*****
Total Quantity	42
Item Category	solar street lighting and renewable energy street lighting (PAC Only)
Bidder Turnover (Last 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	1 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),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	50 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
----------	----

ePBG Detail

--	--

Required	No
----------	----

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 50% 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.

Solar Street Lighting And Renewable Energy Street Lighting (42 pieces) (Under PAC)

Make	havells
Model	havellssolazen3.2-wattrechargeablesolarpirmoti onsensorledlight(off-white)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Confirm to specification	As per MNRE specification for Solar Photovoltaic Lighting Systems & Power Packs - White LED (W-LED) Based Solar Street Lighting Systems	*

	Model as per MNRE Specification	Model I	Model I
	Battery	Model I: with Lead Acid Battery. Operates from dusk to dawn at full brightness	Model I: with Lead Acid Battery. Operates from dusk to dawn at full brightness
	Colour temperature of White - LED (deg K)	5500 deg K to 6500 deg K	*
	PV module (Wp) under STC (Wp)	Model I: 40	Model I: 40
	Battery capacity (12V-AH @ C/10) to be selected as per model in line with MNRE specification for guidelines	20 AH	20 AH
	Scope of supply	without erection and commissioning	without erection and commissioning
CONSTRUCTIONAL	Autonomy	For Model I: 3 days or minimum 42operating hours per permissible discharge	*
	Type of Light source	White light emitting diode (W-LED)	*
	Light output (Lux) Must declare as per MNRE specification	NA	*
	Duty cycle	Dusk to dawn as per MNRE	*
	PV module chemistry	Crystalline silicon solar cells	*
	PV module efficiency (%)	> / = 12	*
	No load current consumption (mA) Must declare (not more than 20 mA)	</=20 mA	*
	Necessary cables and connectors as part of supply of lighting system	Yes	*
CERTIFICATIONS	Battery Type, make and model	HAVELLS	*
	PV module certification	For humidity, freeze and damp heat tests certificate conforming to IEC 61215 Edition II / BIS 14286 from an NABL or IECQ	*

	accredited laboratory	
Warranty for street lighting system including battery (Years)	>/=5	*
Warranty for Pv module (Years)	> / = 25	*
Availability of test reports from Central Government or NABL or ILAC accredited Lab covering all the parameters as per MNRE specification	Yes	*
Test Report No.	HAVELLS123	*
Test Report date	HAVELLS123	*
Name of Test lab	HAVELLS INDIA	*
Address of the Test lab	HAVELLS INDIA, DELHI	*
Make Model Number Country of origin and technical charecteristics (including IESNA LM -80 report) of W -LED	Havells Solazen 3.2-Watt Rechargeable Solar PIR Motion Sensor LED Light, HAVELLS INDIA, DELHI	*

* 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	*****	*****KUPWARA	42	30

Bid Specific Additional Terms and Conditions

- Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
- Scope of supply (Bid price to include all cost components) : Only supply of Goods
- 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. 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.
6. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
7. **Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): Done by the OEM
Post Receipt Inspection at consignee site before acceptance of stores: Independent inspection team detailed by buyer
8. ISO 9001: The bidder must have ISO 9001 certification.
9. 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.
10. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
11. 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.
12. 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 Bid is also governed by the General Terms and Conditions](#)

---Thank You---