

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 18:00:00
Bid Opening Date/Time	20-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Urban Development
Department Name	Na
Organisation Name	Central Public Works Department (cpwd)
Office Name	Nz4 Dehradun
Total Quantity	35
Item Category	solar street lighting and renewable energy street lighting
Bidder Turnover (Last 3 Years)	5 Lakh (s)
Experience Criteria	1 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,Bidder Turnover,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
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.

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.

## **Solar Street Lighting And Renewable Energy Street Lighting ( 35 pieces )**

### **Technical Specifications**

[\\* As per GeM Category Specification](#)

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
GENERIC	Confirm to specification	As per MNRE specification for Solar Photovoltaic Lighting Systems & Power Packs - White LED (W-LED) Based Solar Street Lighting Systems	*
	<b>Model as per MNRE Specification</b>	Model: IV	Model: IV
	<b>Battery</b>	Model IV : With Lithium Ferro phosphate battery. Operates from dusk to dawn ( first four hours at full brightness & rest of the time at lower level, with motion sensor)	Model IV : With Lithium Ferro phosphate battery. Operates from dusk to dawn ( first four hours at full brightness & rest of the time at lower level, with motion sensor)
	Colour temperature of White - LED (deg K)	5500 deg K to 6500 deg K	*
	<b>PV module (Wp) under STC (Wp)</b>	Model I: 40	Model I: 40
	<b>Battery capacity ( 12V-AH @ C/10) to be selected as per model in line with MNRE specification for guidelines</b>	20 AH	20 AH
	<b>Scope of supply</b>	without erection and commissioning	without erection and commissioning

CONSTRUCTIONAL	Autonomy	For Model II: 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	-	*
	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	-	*
	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.	-	*
	Test Report date	-	*
	Name of Test lab	-	*

Address of the Test lab	-	*
Make Model Number Country of origin and technical charecteristics (including IESNA LM -80 report) of W -LED	-	*

\* 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	Chitrasen Patel	248001,CPWD, 20 subhash road, dehradun	35	30

### 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. Scope of supply (Bid price to include all cost components) : Only supply of Goods
3. 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.
4. 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.
5. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

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

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