

Bid Document

Bid Details	
Bid End Date/Time	22-11-2018 11:00:00
Bid Validity	90 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Na
Organization Name	N/a
Office Name	C&mm Tehri& Koteshwer
Total Quantity	6
Item Category	solar street lighting and renewable energy street lighting
MSE Exemption For Years Of Experience And Turnover	Yes

Solar Street Lighting And Renewable Energy Street Lighting (6)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	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: IV	Model: IV
	Battery	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	*

	PV module (Wp) under STC (Wp)	Model III: 40	Model III: 40
	Battery capacity (12V-AH @ C/10) to be selected as per model in line with MNRE specification for guidelines	40 AH	40 AH
	Scope of supply	with erection and commissioning at consignee end	with erection and commissioning at consignee end , 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	240	*
	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	Lithium ion, (439.56)	*
	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.	160523096-6	*
Test Report date	28-May-16	*
Name of Test lab	Spectro Analytical Labs Ltd	*
Address of the Test lab	S-1, GNEPIB, Surajpur Ind Area, Phase V, Kasna Greater Noida 201308 India	*
Make Model Number Country of origin and technical charecteristics (including IESNA LM -80 report) of W -LED	Osram, SMD 5630	*

* Bold specifications are the golden parameters.

Consignees and Quantity

S.No.	Consignee	Address	Quantity	Delivery Days
1	SARJIT SINGH RANA N	249124,Executive Director (Tehri Complex), THDC India Limited, Bhagirathi puram	6	90

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

- 1. Scope of supply (Bid price to include all cost components) :** Only supply of Goods
- 2. Procurement under this bid is reserved for purchase from :** Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online

through Udyog Aadhaar for that product category.

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

---Thank You---