

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 17:00:00
Bid Opening Date/Time	23-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Steel
Department Name	Nmdc Limited
Organisation Name	Nmdc Limited
Office Name	Hyderabad
Total Quantity	30
Item Category	solar street lighting and renewable energy street lighting
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
----------	----

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	12

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

DGM - Materials

NMDC LIMITED BIOM BACHELI COMPLEX BACHELI - 494553 DIST. DANTEWADA, CG
(Nmdc Ltd Bachel Complex)

Splitting

Bid splitting not applied.

Solar Street Lighting And Renewable Energy Street Lighting (30 pieces)**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 III : With Lithium Ferro phosphate battery. Operates from dusk to dawn at full brightness	Model III : With Lithium Ferro phosphate battery. Operates from dusk to dawn at full brightness, 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 I: 40, Model III: 40
	Battery capacity (12V-AH @ C/10) to be selected as per model in line with MNRE specification for guidelines	120WAh	120WAh
	Scope of supply	with erection and commissioning at consignee end	with erection and commissioning at consignee end

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	-	*
	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	Venkateswarlu Bandi	494553,NMDC LTD, BACHELI COMPLEX,BAILADILA, BACHELI PO, CHATTISGARH	30	45

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. 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.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
5. 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.

6. 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 10 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.

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

---Thank You---