

Bid Document

Bid Details	
Bid End Date/Time	06-08-2021 18:00:00
Bid Opening Date/Time	06-08-2021 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Coal
Department Name	Materials Management
Organisation Name	Northern Coalfields Limited
Office Name	Singrauli
Total Quantity	125
Item Category	Led Luminaire (For Road And Street Lights)-IS:10322, IS: 16107, IS:16108,IS: 16103,IS:10322 , Led Luminaire (For Flood Light)-IS:10322, IS:16107
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate *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
Primary product category	Led Luminaire (For Road And Street Lights)-IS:10322, IS: 16107, IS:16108,IS: 16103,IS:10322
Time allowed for Technical Clarifications during technical evaluation	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value	998629
Evaluation Method	Item wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	ICICI
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	4

(a). The EMD % will be applicable for each schedule/group selected during Bid creation.

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

Beneficiary:

General Manager (MM)/PUR/HOD, NCL HQ, Singrauli
Materials Management Deptt., Northern Coalfields Limited, Singrauli (MP)
(General Manager Mm Pur Hod)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and

for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Estimated Value	Item/Category	Quantity
Schedule 1	449820	Led Luminaire (for Road And Street Lights)-is:10322, Is: 16107, Is:16108,is: 16103,is:10322	50
Schedule 2	250000	Led Luminaire (for Road And Street Lights)-is:10322, Is: 16107, Is:16108,is: 16103,is:10322	50
Schedule 3	298809	Led Luminaire (for Flood Light)-is:10322, Is:16107	25

Led Luminaire (For Road And Street Lights)-IS:10322, IS: 16107, IS:16108,IS: 16103,IS:10322 (50 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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Technical Specifications

* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
STANDARDS	LED Rating (in Watts)/System Wattage/Rated Power	120W
	Luminaire System Efficacy (Lumen/watt)	>= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP65
	Warranty for free replacement (in years)	3
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2
OPTICAL	LED chip Efficacy	≥130 Lm/Watt
THERMAL MANAGEMENT	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
	Operating temperature range	-20 deg. C to +50 deg. C, -10 deg C to +50 deg C, -10 deg C to +55 deg C, -10°C to 80C°
PROTECTION	Short circuit Protection	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Over load protecton	Yes
	Over Voltage protection	Yes
	Reverse polarity	Yes
	The luminaire shall be protected against surges and transients (Internal)	>/=5KV
CONSTRUCTIONAL	Protection of the entire housing (both LED section and driver section) as per IS:10322 (Part 1):1982 latest	IP66
	Number of electronic control gear (power supplies)	1 No.
	Light Source	SMD LED Chip as per LM 80/IS16106
	Length of ISI marked three core wire (shall be provided along with supply of material)	100 cm
MARKING	"Manufactures Name and and brand on the aluminium die cast body "	Engraved/Embossed
Reports And Certifications	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND, Other than OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND
	LM 79 (Photometry) (Ref.IS:16106:2012) report from Central Government Lab /NABL/ILAC accredited lab. Reports shall be furnish to the buyer / consignee on demand (LM-79 report shall have total lumen output, power, PF, Current in Amps, CRI & CCT etc.,	Yes
	LM 80 & TM 21 (Ref. IS:16105:2012) Report and Photo biological report for LED report from Central Government Lab /NABL/ILAC accredited lab. Reports shall be furnish to the buyer / consignee on demand (LM-80 report shall have the Pohoto Biological re	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Availability of test Report from Central Government Lab /NABL/ILAC accredited lab to Indian Standard IS:10322/part 5/sec-3/2012 and IS 16107 (Part 2/Sec 1) : 2012	Yes
	Seller shall furnish the Type test reports to the buyer / consignee on demand	Yes

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Indushekhar Prasad Singh	486890,CENTRAL STORES, JAYANT COLLIERY, PO - JAYANT	50	30

Led Luminaire (For Road And Street Lights)-IS:10322, IS: 16107, IS:16108,IS: 16103,IS:10322 (50 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
STANDARDS	LED Rating (in Watts)/System Wattage/Rated Power	70W
	Luminaire System Efficacy (Lumen/watt)	>= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP65
	Warranty for free replacement (in years)	3
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2
OPTICAL	LED chip Efficacy	≥130 Lm/Watt

Specification	Specification Name	Bid Requirement (Allowed Values)
THERMAL MANAGEMENT	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
	Operating temperature range	-20 deg. C to +50 deg. C, -10 deg C to +50 deg C, -10 deg C to +55 deg C, -10°C to 80C°
PROTECTION	Short circuit Protection	Yes
	Over load protecton	Yes
	Over Voltage protection	Yes
	Reverse polarity	Yes
	The luminaire shall be protected against surges and transients (Internal)	>/=5KV
CONSTRUCTIONAL	Protection of the entire housing (both LED section and driver section) as per IS:10322 (Part 1):1982 latest	IP66
	Number of electronic control gear (power supplies)	1 No.
	Light Source	SMD LED Chip as per LM 80/IS16106
	Length of ISI marked three core wire (shall be provided along with supply of material)	100 cm
MARKING	"Manufactures Name and brand on the aluminium die cast body "	Engraved/Embossed
Reports And Certifications	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND, Other than OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND
	LM 79 (Photometry) (Ref.IS:16106:2012) report from Central Government Lab /NABL/ILAC accredited lab. Reports shall be furnish to the buyer / consignee on demand (LM-79 report shall have total lumen output, power, PF, Current in Amps, CRI & CCT etc.,	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	LM 80 & TM 21 (Ref. IS:16105:2012) Report and Photo biological report for LED report from Central Government Lab /NABL/ILAC accredited lab. Reports shall be furnish to the buyer / consignee on demand (LM-80 report shall have the Pohoto Biological re	Yes
	Availability of test Report from Central Government Lab /NABL/ILAC accredited lab to Indian Standrad IS:10322/part 5/sec-3/2012 and IS 16107 (Part 2/Sec 1) : 2012	Yes
	Seller shall furnish the Type test reports to the buyer / consignee on demand	Yes

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Indushekhar Prasad Singh	486890,CENTRAL STORES, JAYANT COLLIERY, PO - JAYANT	50	30

Led Luminaire (For Flood Light)-IS:10322, IS:16107 (25 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
STANDARDS	LED Rating/System Wattage/Rated Power	200W
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP65
	Warranty for free replacement (in Years)	3

Specification	Specification Name	Bid Requirement (Allowed Values)
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	90 to 300 V olts AC at 50 Hz+/-2 Hz
	Rated voltage	230 V AC 50 Hz
	Total Harmonics Distortion (in %age)	≤ 10
OPTICAL	Colour temperature (+/- 500K)	6000K
	Working life for LED (Minimum 50,000 burning hours as per LM-80 report)	Yes
	Colour Rendering Index(CRI)	≥70
THERMAL MANAGEMENT	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
	Junction temperature	< 85 degC, < 50 deg C
	Operating temperature range	-20 deg C to +50 deg C, -10 deg C to +50 deg C, -10 deg C to +55 deg C
PROTECTION	The luminaire shall be protected against surges and transients (Internal)	>/=5KV, >/=4KV
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes
CONSTRUCTIONAL	Number of electronic control gear (power supplies)	1 No., 2 Nos., 3 Nos., 4 Nos.
	Length of ISI marked three core wire (shall be provided along with supply of material)	50 cm
REPORTS AND CERTIFICATIONS	LED Make	OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND, Other than OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Indushekhar Prasad Singh	486890,CENTRAL STORES, JAYANT COLLIERY, PO - JAYANT	25	30

Buyer Added Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
3. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---