

Contract



11100814921258 DT.24-Dec-2021

Contract No: GEMC-511687741426334

Generated Date: 20-Dec-2021

Bid/RA/PR No: [GEM/2021/B/996814](#)

Organisation Details	Buyer Details
Type: Central PSU	Designation: Deputy Manager
Ministry: Ministry of Coal	Contact No.: 0712-2511381-
Department: Materials Management	Email ID: alokkumar@westerncoal.gov.in
Organisation Name: Western Coalfields Ltd	GSTIN: 27AAACW1578L1ZW
Office Zone: Western Coalfields Limited / Nagpur	Address: WCL Hqrs, Coal Estate, Civil Lines, NAGPUR, MAHARASHTRA-440001, India

Financial Approval Detail	Paying Authority Details
IFD Concurrence: Yes	Payment Mode: Offline
Designation of Administrative Approval: GM MM Purchase	Designation: Dy Manager Fin
Designation of Financial Approval: Gm(Finance)	Email ID: sprathi@westerncoal.gov.in
	GSTIN: 27AAACW1578L1ZW
	Address: WCL Hqrs, Coal Estate, Civil Lines, NAGPUR CITY, MAHARASHTRA-440001, India

Seller Details	
GeM Seller ID:	969C180000557087
Company Name:	J K M THERMO ENGINEERS TECHNOLOGY PRIVATE LIMITED
Contact No.:	09313316835
Email ID:	jkmtechnology.9@gmail.com
Address:	4/32, Site-2,Loni Road, Indl Area,,Mohan Nagar,Ajanta Compound, Sahibabad, Ghaziabad, Ghaziabad, UTTAR PRADESH-201005, -
MSME verified:	Yes
MSME Registration number:	UP29A0008923
GSTIN:	09AADCJ3292R1ZT , 09AADCJ3292R1ZT , 09AADCJ3292R1ZT

*GST / Tax invoice to be raised in the name of - Consignee

Product Details								
#	Item Description	Category Name & Quadrant	Model	HSN Code	Ordered Quantity	Unit	Lead Time(Days)	Price (Inclusive of all Duties and Taxes in INR)
1	Product Name : HIGH MAST POLE WITH FLOOD LIGHT Brand : JKM Brand Type : Registered Brand Catalogue Status : Catalogue not verified by OEM Selling As : OEM verified Reseller	High Mast Pole With Led Flood Lighting System-IS:2713, IS:1161 (Q3)	JKM_16MTR_HM	HSN not specified by seller	10	pieces	-	2,240,010
Total Order Value (in INR)								2,240,010

Consignee Detail						
S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
1	Designation: - Email ID: asaari.mahender@nic.in Contact: -9618810882- GSTIN: - Address: Regional Stores, WCL P.O. GHUGUS COLLIERY Distt Chandrapur, M.S ; Pin 442 505, CHANDRAPUR, MAHARASHTRA-442505, India	HIGH MAST POLE WITH FLOOD LIGHT	-	10	20-Dec-2021	20-Mar-2022

Product Specification for HIGH MAST POLE WITH FLOOD LIGHT		
Specification	Sub-Spec	Value
	Highmast with LED Luminaires contains High mast pole, LED flood light luminaire, Distribution box, MCB, Power cable, Wiring, Earthing road and wire, Mounting brackets and other suitable accessories as applicable	Yes

GENERIC	Installation and commissioning (Installation and commissioning work at multiple locations shall follow as per the guidelines of State/Central Govt., rules and regulations as applicable)	Yes. Including Civil work at site
	Onsite warranty (in Years)	5
POLE	Tubular steel poles shall be conforming to	IS 2713/80(Part-1& 2) with amdt No-1 latest
	ISI Marked	No
	ISI Marekd if "Yes" BIS License Number (CM/L Number) - Must declare (If No write NA)	NA
	Length of Tubular steel poles (in Metre)	16 (Hot dip Galvanized pole suitable for wind velocity of 180 Km/Hr.)
	Type of steel poles	Swaged (SP)
	Designation of Tubular steel poles as per table 2 of IS 2713/80 Part-2 with amdt No 1	410SP-2
	Earthing arrangement as per Cl.14.1 of IS:2713:1980 Part 1 latest	Yes
	Coating on the tubular steel poles (for entire length)	Galvanised min. Mass of Zinc coating 360 Gms. sq. Mtr.,
	Grade of steel tube, as per IS:1161/1998	Yst 240
	Availability of Type Test Reports of the product from Central Govt/NABL/ILAC accredited Lab showing compliance to the specification (as per IS:2713:1980 Part 1, Part 2 latest).	Yes
	No. of Luminaires per pole	8 Nos. / pole
	LED Luminaire conformity to IS:10322/Part 5/Section 5/2012 latest and IS: 16107 (Part 2/Sec 1):2012 latest	Yes
	Photo biological safety of LEDs used shall be as per IS:16108/2012 (exempt group)	Yes
	Types of LED Luminaire as per the IS: 16107(Part-2/ Sec.-1)/2012	Type B
	Types of LED Modules as per the IS: 16103(Part-2)/2012	Type 3
	LED Rating/System Wattage/Rated Power	400W
	Luminaire System Efficacy (Lumen/watt)	>/= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66
	Mounting brackets (included)	Adjustable
	Input operating Voltage range and frequency	90 to 300 V olts AC at 50 Hz+/-2 Hz,
	Automatic Higher Cut off voltage above 300 volt	Yes
	Rated voltage	230 V AC 50 Hz
	AC Power Factor at full load	≥ 0.95
	Driver Efficiency (in %age)	≥85
	Total Harmonics Distortion (in %age)	≤ 10
	The total circuit power shall not be more than 110 percent of the value declared by the manufacturer"	Yes
	LED chip Efficacy	≥130 Lm/Watt
	Colour temperature (+/-500K)	6000K
	Working life for LED (Minimum 50,000 burning hours as per LM-80 report)	Yes
	Colour Rendering Index(CRI)	≥70
	Beam Angle	≥120
	Optic lense materal (UV stabilised) (Write NA for without optic lense supply)	Poly carbonate lense
	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
	Capacitor shall be rated for a temperature of 105 deg. celsius or better	Yes
	Junction temperature	< 85 degC
	Operating temperature range	-10 deg C to +50 deg C,
	Operating Humidity Range	10 % to 95% RH
	Short circuit Protection	Yes
	Over load protecton	Yes
	Over Voltage protection	Yes
Reverse polarity	Yes	
High voltage test (1.5 KV for one minute between supply terminals and body of the unit)	Yes	

LED FLOOD LIGHT LUMINAIRE	Insulation resistance between earth and current carrying part	>100 M ohm
	The luminaire shall be protected against surges and transients (Internal)	>/=5KV
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes
	The Luminaires casing/housing (single piece housing) shall be pressure die casted aluminium alloy with higher thermal conductivity	Yes
	The luminaire body must be corrosion resistant epoxy powder coated	Yes
	All fastners must be of stainless steel	Yes
	The entire housing (both LED section and driver section) shall be dust and water proof having IP 66 protection as per IS:10322 (Part 1):1982 latest	Yes
	Extruded silicon loop gasket shall be provided in the lantern body to ensure a weather proof seal between the UV Glass cover and the metal housing to exclude the entry of the dust, water, insects etc.,	Yes
	Luminaries light transparency should be of Toughened glass	Yes
	Toughned transparent glass cover thickness	>/=4 mm
	Toughned Glass shall not get discoloured shall not suffer degraation due to heat and ageing within warranty period	Yes
	Number of electronic control gear per luminaire (power supplies) (in Numbers)	1
	Driver components shall be industrial grade or above	Yes
	PCB shall be FR4 grade minimum 0.8 to 1.0 mm thick or more	Yes
	The Luminaires works on single phase three wires system (Phase, Neutral and Earth)	Yes
	Suitable connector shall be provided for LED connection between driver output and LED	Yes
	Length of ISI marked three core wire (shall be provided along with supply of material)	50 cm
	Light Source	SMD LED Chip as per LM 80/IS16106
	Manufactures Name and and brand on the aluminium die cast body	Engraved/Embossed
	Manufacturer's name, model number, serial number	Yes
	Date of manufacture (month-year), and lot number as identification mark inside each unit and the outside of each packaging box	Yes
	The operation characteristics voltage and power be marked inside of each LED luminaire unit	Yes
	LED Make	OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND,
	System must have EMI/EMC compliance as applicable (Test reports shall be furnish on demand by buyer/consignee)	Yes
	LM 79 (Photometry) (Ref.IS:16106:2012) report from Central Government lab/NABL/ILAC accredited lab. Reports shall be furnish on demany by buyer (LM-79 report shall have total lumen output, power, PF, Current in Amps, CRI & CCT etc.,)	Yes
	LM 80 & TM 21 (Part of LM 80) (Ref. IS:16105:2012) Reports and Photo biological report for LED report from Central Government lab /NABL/ILAC accredited lab. Reports shall be furnish on demany by buyer (LM-80 report shall haveand the Pohoto Biological report of the LED Chip being used in the luminaire)	Yes
	Availability of test Report from Central Government lab/NABL/ILAC accredited lab to Indian Standrad IS:10322/part 5/sec-5/2012 and IS 16107 (Part 2/Sec 1) : 2012	Yes
DC or AC supplied electronic control gear for LED Module shall complpy as per IS:15885 (Part 2/Sec.13)	Yes	
LED Luminaire for Flood Light shall comply with Complusory Registration(CRS) of BIS for safety as per IS 10322 (Part 5/Section 5): 2012 as applicable on the date	Yes	
ACCESSORIES - G I Pipe	G.I. Pipe (ISI Marked) for earthing with all accessories per pole shall supplied	Yes
	G.I. Pipe length (in mm)	200 mm
	G.I. Pipe dia	20 mm
ACCESSORIES - G I Wire	ISI marked G.I. wire shall be supplied per pole for earthing	Yes
	G.I. wire dia (in mm)	2.64 mm
	G.I. Wire length (in m)	10
ACCESSORIES -	PVC Insulated, armoured power cable (ISI marked to IS:1554 Part 1) shall be supply per pole	Yes
	No. of core	2
	Cross sectional area of cable (in Sq.mm)	2.5

Power Cable	Conductor material	Aluminium
	Cable category	Type C, C2, FR-LSH
	Length (in mtrs.,)	10
ACCESSORIES - Wiring	PVC insulated wiring cable (IS Marked to IS:694) shall be supply per pole	Yes
	No. of core	2
	Cross sectional area of cable (in Sq.mm)	1.5
	Conductor material (for wiring)	Copper
	Cable category (for wiring)	Type C, FR-LSH
	Cable length (in mtrs.,)	10
ACCESSORIES - MCB	Distribution Board with Switches & Terminals and ISI marked MCB per pole shall be supply with lighting system	Yes
	Distribution board for fixing MCB with enclosure protection	Yes. Provided with IP 43
	Distribution Board per pole for fixing MCB with enclosure protection IP43 and above	Yes. Provided.
	MCB - Rated current (in Ampere)	32.0 A
	No. of pole	1 Pole
	Rated Voltage	240 Volt
	Bracket for each pole : Mounting arrachement including suitable bracket for fixing the Luminaires with each pole. Bracket material shall be MS. Galvanised min. Mass of Zinc coating 360 Gms. sq. Mtr.,	Yes
CERTIFICATIONS	Marking: All the products shall have marking details as per relevant BIS standard	Yes
	Seller shall furnish all the test reports and certificates as per the technical specification to the purchase auhthority on demand	Yes

Note: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

Buyer Defined Additional Specification for HIGH MAST POLE WITH FLOOD LIGHT

Specification	Value
The following parameters has to be agreed by the bidder.	1.Highmast with LEDluminaires contain highmastpole,LED flood lightluminaries, distributionbox,MCB,powercable, wiring,earthingrod &wire,mounting brackets&other suitableaccessories asapplicable 2.Tubularsteelpole shall conform to IS2713-1980(part-1&2)latest
Availability of Type Test Reports of the product from Central Govt. / NABL / ILAC accredited Lab showing compliance to the specifications (as per IS 2713-1980 Part1 & Part2 latest) Yes	LED luminaire conformity to IS 10322 / Part5 / Section5 / 2012 latest and IS 16107 (Part2 / Sec1) 2012 latest: Yes Photo biological safety of Leds used shall be as per IS 16108-2012 (exempt group):Yes Type of LED luminaries as per IS 16107 (Part-2/Sec1)-2012 Type B Type of LED modules as per IS 16103 (Part-2)-2012:Type 3
Mounting Brackets (included) Adjustable Automatic Higher Cut Off voltage above 300V Yes AC power factor at full load (minimum) 0.95	Short Circuit Protection Yes Protection Yes Over Voltage Protection Yes Reverse Polarity Yes Availability of test report from Central Govt. / NABL / ILAC accredited Lab to IS 10322 / Part5 / Section5 / 2012 latest and IS 16107 (Part2 / Sec1) 2012 latest Yes MCB - Rated Current (In Ampere) 16 / 32 / 64 min

Terms and Conditions

1. Special terms and conditions- Version:2 effective from 25-04-2021

1.1

2. General Terms and Conditions-

2.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2.2 Terms of delivery: Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other

services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

2.2.1 Contracted goods should be delivered at the consignee or designated delivery location as per the working time of the buying organisation. Seller may get the same confirmed from consignee before scheduling delivery.

2.2.2 A copy of the contract should be available with the messenger / dispatching agency that delivers the Goods at consignee / delivery location (preferably pasted / attached outside the consignment / package) for easy reference and ease in delivery acceptance.

2.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

2.4 Performance Security: If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

2.5 Taxes and Duties: Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

2.6 Octroi Duty and / or other local taxes: Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

2.7 Limitation of Liability: The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

2.8 Resolution of disputes: The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

2.9 Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

2.10 Financial Certificate:

2.10.1 The expenditure involved for this purpose has received the Sanction of the competent financial authority.

2.10.2 The funds are available under the proper head in the sanction budget allotment for the concern financial year.

2.10.3 I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

2.11 The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

3. Buyer Added Bid Specific Terms and Conditions-

3.1 Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.