Contract



Contract No: GEMC-511687777468217

Generated Date: 01-Oct-2022

Bid/RA/PBP No.: <u>GEM/2022/B/2371456</u>

Schedule Name: Schedule 1, Schedule 3, Schedule 4

Organisation Details

Type: Central PSU
Ministry: Ministry of Coal
Department: Materials Management
Organisation Name: Bharat Coking Coal Limited

Office Zone: Bccl Dhanbad

Buyer Details

Designation: Assistant Manager8
Contact No.: 62872-42898-

Email ID: buyer8.bccl.dhn@gembuyer.in

GSTIN: 20AAACB7934MFZB

MM Department, level 3, Commercial Building, Koyla

Address: Bhawan, Koyla Nagar,

DHANBAD, JHARKHAND-826005, India

Financial Approval Detail

IFD Concurrence: Yes
Designation of Administrative Approval: D(T) P&P ,BCCL

Designation of Administrative Approval:
Designation of Financial Approval:

Paying Authority Details

Designation: HOD Purchase Finance
Email ID: pao5.bccl.jh@gembuyer.in

GSTIN: N

Payment Mode:

MM Department, level 3, Commercial Building, Koyla

Address: Bhawan, Koyla Nagar,

DHANBAD, JHARKHAND-826005, India

Seller Details

GeM Seller ID: 895A180000100878
Company Name: GLYNC TECH PRIVATE LIMITED

Contact No.: 09910009981

Email ID: prashar.rahul@gmail.com

B-1/A-26,MOHAN CO-OPERATIVE INDS. ESTATE,MATHURA ROAD, BADARPUR,

NEW DELHI, DELHI-110044, -

GM(MM) HoD BCCL

MSME verified: Yes

MSME Registration number: DL08A0001626
MSE Social Category: General
MSE Gender: Male

GSTIN: 07AAGCG0244D1Z4

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

Product Details

#	tem Description	Ordered Quantity	Unit	Unit Price (INR)	Tax Bifurcation (INR)	Price (Inclusive of all Duties and Taxes in INR)
1	Product Name: GLYNC 22 Watt/2200 lumen 6500 K LED Tubelight Brand: GLYNC Brand Type: Registered Brand Catalogue Status: OEM verified catalogue Selling As: OEM Category Name & Quadrant: Light Emitting Diode LED Fixture- LED tube light (Q3) Model: GLYNC - AR2122 HSN Code: 94054090	2,444	pieces	157	GST (18%): 58,531.729 GST Cess 1(0%): 0 GST Cess 2 (0 per accounting unit): 0 Input Tax Credit (ITC) on GST (100%): 58,531.729 ITC on GST Cess 1(0%): 0 ITC on GST Cess 2(0%): 0	383,708
2	Product Name: GLYNC Yes WLed Luminaire Light Brand: GLYNC Brand Type: Registered Brand Catalogue Status: OEM verified catalogue Selling As: OEM Category Name & Quadrant: Led Luminaire (For Road And Street Lights)- IS:10322, IS: 16107, IS:16108,IS: 16103,IS:10322 (Q3) Model: GLYNC - RSL036 HSN Code: 94054090	3,103	pieces	432	GST (18%): 204,482,441 GST Cess 1(0%): 0 GST Cess 2 (0 per accounting unit): 0 Input Tax Credit (ITC) on GST (100%): 204,482,441 ITC on GST Cess 1(0%): 0 ITC on GST Cess 2(0%): 0	1,340,496
3	Product Name: GLYNC Yes WLed Luminaire Light Brand: GLYNC Brand Type: Registered Brand Catalogue Status: OEM verified catalogue Selling As: OEM Category Name & Quadrant: Led Luminaire (For Road And Street Lights)- IS:10322, IS: 16107, IS:16108,IS: 16103,IS:10322 (Q3) Model: GLYNC - RSL180	1,108	pieces	1,440	GST (18%): 243,384,407 GST Cess 1 (0%): 0 GST Cess 2 (0 per accounting unit): 0 Input Tax Credit (ITC) on GST (100%): 243,384,407 ITC on GST Cess 1 (0%): 0 ITC on GST Cess 2 (0%): 0	1,595,520

Total Order Value (in INR)						

Consignee Detail

S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
	Designation: - Email ID: con1.bccl.jh@gembuyer.in	GLYNC 22 Watt/2200 lumen 6500 K LED Tubelight				15-Nov-2022
1	Contact: 62876-95727- GSTIN: 20AAACB7934MFZB Address: Depot Officer, Central Store, Ekra, BCCL, Post Office- BANSJORA, Dhanbad, Jharkhand-828101., DHANBAD, JHARKHAND-828101, India	GLYNC Yes WLed Luminaire Light	1	3,103	01-Oct-2022	15-Nov-2022
		GLYNC Yes WLed Luminaire Light		1,108	01-Oct-2022	15-Nov-2022

Product Specification for GLYNC 22 Watt/2200 lumen 6500 K LED Tubelight

Specification	Sub-Spec	Value
	Led tube light power rating corresponding Min Luminious flux	22 Watt/2200 lumen
GENERIC	Colour Temperature (K)	6500
	Warranty for free replacement (Years)	2 years
	Type of Tube Light Cap	T-8
	Ingress Protection in IP	IP 20
	Lamp Shell material	Polycarbonate
CONSTRUCTIONAL	LED Fixture With Al back, front with polycarbonate/Acrylic diffuser more than 85%efficiency of lig	With
	Light Source	SMD LED Chip
	LED Make	CREE,EVRLIT,BRIDGLU
	Length of tube light (Nominal) (in mm)	1220
	LED lamp efficacy (Lm/W)	100
	Colour Rendering Inde (CRI)	> / = 80
	Total Harmonics (%)	< / = 15%
	LED Tubelight Life of 25000 hours predicted as per TM21 Report on Data obtained as per test conducted for 6000 hours as per LM80	Yes
	Temperature Cycling test and supply voltage switching test (1) product shall be subjected to minus 10 degree C for 1 hour then switch to 50 degree C for 1 hour in total 5 cycles (2)30 sec ON and 30 sec Off At the end of test as per (1) and (2) no visual damage shall be observed and light should alight for more than 15 min after the test	Yes
	Beam Angle (Degree)	> / = 120 degree
FUNCTIONAL	Operating Voltage range (Volt)	100-300
	Driver Efficiency (%)	more than 85%
	Surge Voltage withstand (KV)	2.5 KV
	LED Chip Efficacy (Lm/W)	130
	Rated Voltage for Performance and life (Volt)	220-240
	Lumen Maintenance at 25 deg;C after 6000 hrs (%)	80%
	LED Chip Wattage (Individual) (Watt)	0,25
	Power Factor	> / = 0.9
	BIS Registration certificate under (CRS) number and date	R-81003891,15.9.18
	Certificare for Luminaire photometric data as per LM79	Yes
CERTIFICATIONS	Certificate No and Date of Luminaire photometric data as per LM 79 report	ELD0300032018,1/2/1
	Compulsory Registration and CRS of BIS for safety to IS 10322 Pt 5 Sec 1 2012	Yes
	EMC Test	Yes

Specification	Sub-Spec	Value
	LED Luminaire conformity to IS:10322/Part 5/Section 3/2012 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/ Sec1)/2012	Туре В
STANDARDS	Types of LED Modules as per the IS:IS: 16103(Part-2)/2012	Type 3
	LED Rating (in Watts)/System Wattage/Rated Power	36W
	Luminaire System Efficacy (Lumen/watt)	>/= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66
	Warranty for free replacement (in years)	2
	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2
	Automatic Higher Cut off voltage above 300 volt	Yes
	Rated voltage	230 V AC 50 Hz
ELECTRICAL	AC Power Factor at full load	≥ 0.95
EFFICIENCY	Driver Efficiency (in %age) Upto 100W: ≥85%, Above 100W: >/=90%	Yes
	Total Harmonics Distortion	≤ 10
	"The total circuit power shall not be more than 110 percent of the value declared by the manufacturer (as per Cl. 8 of IS:16104:2012 lates)"	Yes
	LED chip Efficacy	≥130 Lm/Watt
	Colour temperature	6000+/-500K
	Working life for LED (Minimum 50,000 burning hours as per LM-80 and LM 21 reports)	Yes
OPTICAL	Colour Rendering Index(CRI)	≥70
	LED Beam Angle	≥120
	Optic lense materal (UV stabilised)	Poly carbonate lense
	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
	Junctiojn / Soldering point temperature shall not exceed 85 deg.c as per LM 80 report	Yes
THERMAL MANAGEMENT	Capacitor shall be rated for a temperature of 105 deg. celsius or better	Yes
	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
PROTECTION	High voltage test (1.5 KV for one minute between supply terminals and body of the unit)	Yes
	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 (internal)	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 powder coated	Yes
	All fastners must be of stainless steel	Yes
	Protection of the entire housing (both LED section and driver section) as per IS:10322 (Part 1):1982 latest	IP66
	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
CONSTRUCTIONAL	Toughned transparent glass cover thickness	>/=4 mm
CONSTRUCTIONAL	Toughned Glass shall not get discoloured shall not suffer degration due to heat and ageing within warranty period	Yes

	Number of electronic control gear (power supplies)	1 No.
	Light Source	SMD LED Chip as per LM 80/IS16106
	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)	100 cm
	"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
MARKING	The operation characteristics voltage and power be marked inside of each LED luminaire unit	Yes
	Diameter of pole Luminiare suitable for: (upto 45W Pole OD: shall be 40mm), (>45W<120W Pole OD: Shall be 50 mm), (above 120W: OD shall be 60 mm for which luminiare is suitable	Yes
	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND
	System must have EMI/EMC compliance as applicable (Test reports shall be furnish to the buyer / consignee on demand)	Yes
	LM 79 (Photometry) (Ref.IS:16106:2012) report from Central Government Lab /NABL/ILAC accrediated 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
Reports And Certifications	LM 80 & TM 21 (Ref. IS:16105:2012) Report and Photo biological report for LED report from Central Government Lab /NABL/ILAC accrediated 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 accrediated 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
	DC or AC supplied electronic control gear for LED Module shall comlpy as per IS:15885 (Part 2/Sec.13)	Yes
	LED Luminaire for road and street lighting shall comply with Complusory Registration(CRS) of BIS for safety as per IS 10322 (Part 5/Section 3): 2012 as applicable on date	Yes

Product Specification for GLYNC Yes WLed Luminaire Light

Specification	Sub-Spec	Value
	LED Luminaire conformity to IS:10322/Part 5/Section 3/2012 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/ Sec1)/2012	Туре В
STANDARDS	Types of LED Modules as per the IS:IS: 16103(Part-2)/2012	Type 3
	LED Rating (in Watts)/System Wattage/Rated Power	180W
	Luminaire System Efficacy (Lumen/watt)	>/= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66
	Warranty for free replacement (in years)	2
	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2
	Automatic Higher Cut off voltage above 300 volt	Yes
	Rated voltage	230 V AC 50 Hz
ELECTRICAL	AC Power Factor at full load	≥ 0.95
EFFICIENCY	Driver Efficiency (in %age) Upto 100W: ≥85%, Above 100W: >/=90%	Yes

	Total Harmonics Distortion	≤ 10
	"The total circuit power shall not be more than 110 percent of the value declared by the manufacturer (as per Cl. 8 of IS:16104:2012 lates)"	Yes
	LED chip Efficacy	≥130 Lm/Watt
	Colour temperature	6000+/-500K
OPTICAL	Working life for LED (Minimum 50,000 burning hours as per LM-80 and LM 21 reports)	Yes
OTTICAL	Colour Rendering Index(CRI)	≥70
	LED Beam Angle	≥120
	Optic lense materal (UV stabilised)	Poly carbonate lense
	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
THERMAL	Junctiojn / Soldering point temperature shall not exceed 85 deg.c as per LM 80 report	Yes
MANAGEMENT	Capacitor shall be rated for a temperature of 105 deg. celsius or better	Yes
	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
PROTECTION	High voltage test (1.5 KV for one minute between supply terminals and body of the unit)	Yes
	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 powder coated	Yes
	All fastners must be of stainless steel	Yes
	Protection of the entire housing (both LED section and driver section) as per IS:10322 (Part 1):1982 latest	IP66
	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
CONSTRUCTIONAL	Toughned transparent glass cover thickness	>/=4 mm
	Toughned Glass shall not get discoloured shall not suffer degration due to heat and ageing within warranty period	Yes
	Number of electronic control gear (power supplies)	1 No.
	Light Source	SMD LED Chip as per LM 80/IS16106
	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
	"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	Yes
	and the outside of each packaging box	les
MARKING		Yes

	LED Make	LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND
	System must have EMI/EMC compliance as applicable (Test reports shall be furnish to the buyer / consignee on demand)	Yes
	LM 79 (Photometry) (Ref.IS:16106:2012) report from Central Government Lab /NABL/ILAC accrediated 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
Reports And Certifications	LM 80 & TM 21 (Ref. IS:16105:2012) Report and Photo biological report for LED report from Central Government Lab /NABL/ILAC accrediated 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 accrediated 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
	DC or AC supplied electronic control gear for LED Module shall comlpy as per IS:15885 (Part 2/Sec.13)	Yes
	LED Luminaire for road and street lighting shall comply with Complusory Registration(CRS) of BIS for safety as per IS 10322 (Part 5/Section 3): 2012 as applicable on date	Yes

General Clauses w.r.t RCM/FCM

- 1. Where ever RCM is applicable, for sellers (Regular GST registered seller who opted out of FCM as per notifications of GST like GTA, unregistered seller), Buyer have liability of paying the GST and GST cess to the government on the specified rate mentioned by them in this contract. Seller will invoice buyer with Zero GST and GST cess.
- 2. For Registered sellers as per FCM, rates will be inclusive of prescribed rate of GST and GST cess. ITC available to buyer as shown in the bid document have been applied while evaluating the bids. Seller has liability of paying the GST and GST cess to the govt and same will be charged from buyer while invoice.
- 3. For Registered sellers who opted for RCM while quoting for specified category under section 9(3) like GTA rates will be exclusive of GST and GST cess. GST and GST cess as indicated by the buyer in the bid document payment of GST and GST Cess will be the liability of buyer.
- 4. For Unregistered sellers Liability of payment of GST and GST cess is in Buyers scope, GST and GST cess as indicated by the buyer in the bid document will be the liability of buyer. Unregistered seller will invoice buyer with zero GST and Zero GST cess.
- 5. For sellers under Composition Scheme: There is no liability of payment of GST and GST cess in Buyers cope. Seller will invoice Zero GST and GST cess in the invoice to buyer.

Terms and Conditions

- 1. Special terms and conditions- Version:1 effective from 04-05-2020
- 1.1 LED Tube Light with Fixture includes its complete fittings
- 2. General Terms and Conditions-
- 2.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.
- 2.2 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) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable
- 3. Buyer Added Bid Specific Terms and Conditions-
- 3.1 Generic:

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

3.2 Scope of Supply:

Scope of supply (Bid price to include all cost components) : Only supply of Goods

3.3 Purchase Preference (Centre):

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% 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 percentage of 25% of total value.

3.4 Generic:

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.

3.5 Warranty:

Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

3 6 Cortificator

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

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