# अनुबंध|Contract



**अनुबंध क्रमांक|Contract No:** GEMC-511687747672821

अनुबंध तिथि | Generated Date : 09-Jun-2025

बोली/आरए/पीबीपी संख्या|Bid/RA/PBP No.:  $\underline{\mathsf{GEM}/2024/\mathsf{B}/5403721}$ 

संगठन विवरण|Organisation Details

प्ररूप|Type : Central PSU
मंत्रालय|Ministry : Ministry of Coal
विभाग|Department : COAL INDIA LIMITED
संगठन का नाम|Organisation Name : Bharat Coking Coal Limited
कार्यालय क्षेत्र|Office Zone: BCCL Dhanbad Jharkhand

खरीदार विवरण|Buyer Details

पद|Designation : Assistant Manager7 संपर्क नंबर|Contact No. : 93046-67643-ईमेल आईडी|Email ID : nikhil.prakash@nic.in

जीएसटीआईएन|GSTIN: -

MM Department, level 3, Commercial Building, Koyla

पता|Address: Bhawan, Koyla Nagar,

DHANBAD, JHARKHAND-826005, India

वित्तीय स्वीकृति विवरण | Financial Approval Detail

आईएफडी सहमति IFD Concurrence : No

प्रशासनिक अनुमोदन का पदनाम|

Designation of Administrative Approval: वित्तीय अनुमोदन का पदनाम|

Designation of Financial Approval :

D(T) OP

GM(MM)Pur

भुगतान प्राधिकरण विवरण|Paying Authority Details

भुगतान का तरीका| Offline

Payment Mode:

पद|Designation: Senior Manager

ईमेल आईडी|Email ID : pay8.bccl.dhn@gembuyer.in

जीएसटीआईएन|GSTIN : 20AAACB7934MFZB

MM Department, level 3, Commercial Building, Koyla

पता|Address: Bhawan, Koyla Nagar,

DHANBAD, JHARKHAND-826005, India

Payments shall be made to the seller within 21 days of issue भुगतान समयसीमा|Payment of consignee receipt-cum-acceptance certificate (CRAC) and

भुगतान समयसामा | Payment Timelines:

on-line submission of bills (This is in supersession of 10-days

time as provided in clause 12 of GeM GTC)

विक्रैता विवरण|Seller Details

जेम विक्रैता आईडी|GeM Seller ID : C4IH210004539857

कंपनी का नाम|Company Name : Headsup B2B Private Limited

संपर्क नंबर|Contact No.: 09873469549

ईमेल आईडी|Email ID : tenders@headsupb2b.com M 53 2ND FLOOR,GREATER KAILASH II,,,M BLOCK MARKET,

पता| Address : South Delhi, DELHI-110048, -

एमएसएमई पंजीकरण संख्या|MSME Registration number : UDYAM-DL-08-0013528 जीएसटीआईएन|GSTIN: 07AARCA3767A1ZN (R)

खरीदार द्वारा मूल्यांकित एमआईआई स्थिति | MII Status as

evaluated by buyer :

Verified

खरीदार द्वारा सत्यापित एमएसएमई स्थिति | MSME Status as

खरादार द्वारा सत्याापत एमएसएमइ स्थात | MSME Status as

Not Verified

एमएसई सामाजिक श्रेणी|MSE Social Category : ST एमएसई लिंग श्रेणी|MSE Gender : Male

\*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा|GST / Tax invoice to be raised in the name of - Consignee

वितरण निर्देश | Delivery Instructions : NA

## उत्पाद विवरण|Product Details

#	आइटम विवरण Item Description	आइटम विवरण  Ordered Quantity	इकाई   Unit	इकाई मूल्य (INR)  Unit Price (INR)	कर विभाजन (INR)  Tax Bifurcation (INR)	शुल्क आर कर सहित)  Price
1	उत्पाद का नाम   Product Name : IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES ब्रांड Brand : IGNITE ब्रांड Brand : IGNITE ब्रांड प्रकार Brand Type : Registered Brand कैटलॉग की स्थिति Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थाश Category Name & Quadrant : High Mast Lighting Tower for large area with LED Flood Lighting System (Q3) मॉडल Model: HB2B-HML16 एचएसएन कोड HSN Code: HSN not specified by seller	89	pieces	348,400	NA	31,007,600
कुल	न ऑर्डर मूल्य  Total Order Value (in INR)					

क्र.सं. S.No	परेषिती Consignee	वस्तु Item	लॉट नंबर  Lot No.	मात्रा Quantity	दिनांक के बाद डिलीवरी शुरू करना है  Delivery Start After	वितरण पूरा कर तक करना है  Delivery To Be Completed By
1	पद  Designation : - ईमेल आईडी Email ID : rohit.raj38@nic.in संपर्क Contact : 73555-29643- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : Office of General Manager, Barora Area (Area-I), BCCL, P.O. Nawagarh, Dhanbad, Pin code-828306., Dhanbad, JHARKHAND-828306, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	6	09-Jun-2025	07-Oct-2025
2	पद  Designation : - ईमेल आईडी Email ID : kumar.vatslya@nic.in संपर्क Contact : 85800-26609- जीएसटीआईएन GSTIN : - पता Address : Depot Officer, Bera Regional Store, Near Dowari colliera, Bastacolla Area, P.O. Dhansar, Dhanbad., Dhanbad, JHARKHAND-828106, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	8	09-Jun-2025	07-Oct-2025
3	पद  Designation : - ईमेल आईडी Email ID : tarun.k3750@nic.in संपर्क Contact : 62876-96879- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : Office of Depot Officer ,Regional Store Sijua Area , Post Office BANSJORA (SUB OFFICE), DHANBAD, JHARKHAND, Dhanbad, JHARKHAND-828101, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	10	09-Jun-2025	07-Oct-2025
4	पद  Designation : - ईमेल आईडी Email ID : ravi.p4444@nic.in संपर्क Contact : 94388-77464- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : Office of Depot Officer , Post Office Lodna, DHANBAD, JHARKHAND., Dhanbad, JHARKHAND-828131, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	6	09-Jun-2025	07-Oct-2025
5	पद  Designation : - ईमेल आईडी Email ID : s.rabidas@nic.in संपर्क Contact : 94705-97799- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : Depot Officer, Regional Store, Laikdih, Post Chirkunda, Dhanbad, JHARKHAND-828202, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	4	09-Jun-2025	07-Oct-2025
6	पद  Designation : - ईमेल आईडी Email ID : rajnish.s5359@nic.in संपर्क Contact : 62876-96796- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : Office of Depot Officer ,Regional Store, Katras Area, Katras Garh, Post Office- Angarpathra, DHANBAD, JHARKHAND- 828113, Dhanbad, JHARKHAND-828113, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	8	09-Jun-2025	07-Oct-2025
7	पद  Designation : - ईमेल आईडी Email ID : prashant.k88@nic.in संपर्क Contact : 62876-98793- जीएस टीआईएन GSTIN : 20AAACB7934MFZB पता Address : Regional Store, Sinidih, Govindpur, Area-3, BCCL, Post- Tundu, Dhanbad, Pincode-828128., Dhanbad, JHARKHAND-828128, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	8	09-Jun-2025	07-Oct-2025
8	पद  Designation : - ईमेल आईडी Email ID : shubham.lawaniya@nic.in संपर्क Contact : 62876-98739- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : BCCL, Kusunda Area, Post: Kusunda, Dhanbad, JHARKHAND-828116, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	6	09-Jun-2025	07-Oct-2025
9	पद  Designation : - ईमेल आईडी Email ID : amitn.beck@nic.in संपर्क Contact : -9470596681- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : BCCL P B Area, Post: KUSUNDA, Dhanbad, JHARKHAND-828116, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	3	09-Jun-2025	07-Oct-2025
10	पद  Designation : - ईमेल आईडी Email ID : vishal.dwivedi@nic.in संपर्क Contact : - जीएसटीआईएन GSTIN : - पता Address : Regional Store, Bhowra, EJ Area, BCCL, Post Bhowra,	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT	-	6	09-Jun-2025	07-Oct-2025

	Dist Dhanbad., Dhanbad, JHARKHAND-828302, India	LUMINAIRES				
11	पद  Designation : - ईमेल आईडी Email ID : vaibhav.singh@nic.in संपर्क Contact : 94705-99735- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : Depot Officer, Regional Store, Block-II, P.ONudkhurkee, DistDhanbad, Jharkhand, Pin code-828307., Bokaro, JHARKHAND-828307, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	·	12	09-Jun-2025	07-Oct-2025
12	पद  Designation : - इंमेल आईडी Email ID : girish.kumar99@nic.in संपर्क Contact : 90316-66224- जीएसटीआईएन GSTIN : 20AAACB7934MFZB पता Address : Depot Officer, Central Store, Ekra, BCCL, Post Office- BANSJORA, Dhanbad, Jharkhand-828101., Dhanbad, JHARKHAND-828101, India	IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES	-	12	09-Jun-2025	07-Oct-2025

# Product Specification for IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES

विनिर्देश Specification	त्रप-विनिर्देश Sub-Spec	मूल्य Value
	Height of High Mast Tower (in Meters)	16
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
	Each pole shall be supply with suitable foundation bolts, nuts and washers, Instruction manuals	Yes
	Onsite warranty (in Years)	5
	Cross section of mast (no of sides)	20 sided polygon
	No of sections	2
	Effective length of each section (in m)	8.5
	Material construction: The mast shall be manufactured using special steel plates, conforming to	355 gradeasper BSEN10 0
	Bottom diameter (in mm) - Minimum	540
	Top diameter (in mm) - Minimum	150
	Plate thickness for top (in mm) - Minimum	3
	Plate thickness for Middle (in mm) - Minimum	4
	Plate thickness for Bottom (in mm) - Minimum	5
liah maat Cuatam	Length of overlap for Top (in mm) - Minimum	600
High mast System	Length of overlap for Bottom (in mm) - Minimum	800
	Type of joints	Stress fit
	No of longitudinal welds / section (in Nos)	2
	Metal protection treatment of fabircated mast section	Hot dip galvanised
	Thickness of galvanisation	Average: 86 Micron
	Provision for cable termination	MCB Isolator
	Diameter of base plate (in mm) - Minimum	740
	Thickness of base plate (in mm) - Minimum	25
	Lantern carriage shall be fabricated suitably and hot dip galvanized for fixing and holding required no of floodlight fixtures and their control gear boxes	Yes
	Test Report from Central Government lab/NABL/ILAC accrediated lab and report shall furnish to buyer on demand	Yes
	Heavy duty hot dip galvanized lightning finial shall be provided for each mast (in Nos)	1
	The lightning finial shall be provided at the center of the head frame (minimum length) in meters	1.2
Lightning Finial	It shall be solidly bolted to the head frame to get a direct conducting path to the center of the earth through the mast	Yes
	The lightning finial shall not be provided on the lantern carriage under any circumstances in view of the safety of the system	Yes
Aviation Obstruction	Aviation obstruction lights shall be provided on top of each mast(in Nos)	1
Lights	Туре	LED, Vertical stand
Earthing Terminals	Suitable length of earthing terminals shall be provided at a convenient location on the base of the mast, for lightning and electrical protection of the mast	Using 12 mm dia SS Bolts
	Wind loadings as per	IS 875:1987 part 3latest

Ministrations (Interface)  The designation of certain development backstation (Interface)  The designation of certain development backstation (Interface)  The foot figurant from Certain development backstation (Interface)  The foot figurant from Certain development backstation (Interface)  The designation of certain development backstation (Interface)  The foot figurant from Certain development backstation (Interface)  The consideration of certain development backstation (Interface)  The consideration of certain (Interface)  The consideration of certain (Interface)  The consideration of certain (Interface)  The Lander Certains and allowed certain (Interface)  The Lander Certains and allowed certain (Interface)  The Lander Certains and allowed certains and substituted to be determined in ministration of light fining and control gard bases.  The Lander Certains and Interface (Interface)  The Lander Certains and Interface)  The Lander Certains and Interface (Interface)  The Lander Certains and Interface)  The Lander Certains and Interface (Interface)  The Lander Certains and Interface)  The Lander Certains and Interface (Interface)  The Lander Certains and Interface)  The Lander Certains and Interface (Interface)  The Lander Certains and Interface)  The Lander Certains and Interface (Interface)  The Lander Certains and Interface)  The Lander Certains and Interface (Interface)  The Interface (Interface)  The Lander Certains and Interface (Interface)  The Lander Certains and Interface (Interface)  The Interfa		Continue	4.45
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types to recording strangements are about 1 types to recording the types types the types typ			Yes
A febritated same and control gest boxes. Yes  The Lamence Carrage shall be provided for found and looking the flood light facting and control gest boxes. Yes  The Lamence Carrage shall be of deet labe consmutation, the tubes acting as conducts for wire, with holes fully promised by grommes.  The Lamence Carrage shall be and deet labe consmutation, the tubes acting as conducts for wire, with holes fully promised by grommes.  The Lamence Carrage shall be as designed and fabricated to hold the required number of flood light fitting and control grows that have a profess self-balance.  The lamence Carrage shall be boxed to many three halves and placed by botted franges with scele inuts to enable easy installation or removed from the restrict most. The lamence Carrage shall be and government of the carrage shall be and government.  The sincer liming of the carriage shall be after displaced and carrage from the most interest of the most aftering shall be provided with protective PVC arrangement, so that no damage is caused to the sincer shall be active to the carriage shall be and the sincer shall arrangement, so that no damage is caused to the sincer shall be active to the carriage shall be and the sincer shall be active to the carriage shall be and the sincer shall formation and the shall carriage shall be made.  Provided the provided shall also government shall furnish to buyer on demand.  Junction Soo material  And Government of the found shall be provided with protective that active the shall conforming to the shall conforming to the carriage shall be and shall conformed to the shall conforming to the carriage shall be and the shall conforming to the carriage shall be and the shall conformed to the shall conforming to the shall be a found to the shall be and the shall conformed to the shall conformed to the shall be and the shall be an active to the shall be	Door Opening	Type of locking arrangement for door	Pad lock
The Lorderin Carriage shall be of sered habe construction, the tubes acting ac conduits for view, with holes fully processed by growiness  The Lorderin Carriage shall be of designed and floricated to hold the required number of flood light filting and control oper looks and allot have a perfect self behance.  The Lorderin Carriage shall be not designed and floricated to hold the required number of flood light filting and control oper looks and allot have a perfect self behance.  The Lorderin Carriage shall be not designed and floricated in two interests and primed by bothed floriges with street nums to enable carry the common floridation or remember from the created made.  The control batter batterin carriage shall be bent dip galaximeted effect fortications.  The interest finding of the carriage shall be provided with processite. Prica ranagement, so that no damage is caused to the soft and street of the reads during reading and prime by bothed floriges.  Weather proof junction look all be provided on the Carriage Assembly as required, from which the inter-connections to the estipping introduced to the tool tripsic durinates and associated on the carriages shall be made in the estipping introduced to the tool tripsic durinates and associated on the carriages shall be made in the provided and prime that the buyer on demand plants of the provided and prime that the buyer on demand plants and the provided prime that the provided prime that the buyer on demand plants are carried by the provided prime that the buyer of the most the buyer of the most of the buyer of the buyer of the most of the most of the most of the buyer of the buyer of the buyer of the most of the most of the most of the buyer of the buyer of the buyer of the most of the most of the most of the buyer of the buyer of the buyer of the most of the most of the most of the buyer of the buyer of the buyer of the buyer of the most of the most of the most		Size of opening and closing door at base compartment of high mast (in mm) - Minimum	1200 x 250
Summers  In Exameter Carriage shall be so designed and fabricated to hold the required number of flood light fitting and control gene broke, and also have a perfect self islance.  The Lantern Carriage shall be fabricated in two r three halves and joined by boiled flanges with seed nuts to enable early installation or removal from the received mast.  The entire lantern carriage shall be bot dip galvanized after fabrication  The inner fitting of the carriage shall be provided with protective PVC arrangements, so that no damage is caused to the surface of the mast during rating and othering postage and the carriage.  Weather proof junction box whall be provided on the Carriage Ascendibly an required, from which the inner connections in the designed numbers of the flood light humanises and ascender dorroit genes from on the carriage has been the designed numbers of the flood light humanises and ascender dorroit genes from on the carriage has he made lingress protection for junction box to the individual luminaries and cable shall conforming to  Cable connections from the top junction box to the individual luminaries and cable shall conforming to  Cable connections from the top junction box to the individual luminaries and cable shall conforming to  Cable category  Cable category  The standard of the standard of the carriage for the carriage for the carriage for the carriage for the mast the specially designed heal frame accendiby at the top carriage for the individual luminaries and table shall conforming to  Congore  The condustria marriade shall be  Congore  The smallest bins, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially designed heal frame accendiby at the top carriage for the motor  The world shall be specially on the carriage for the motor  The world shall be specially on the carriage for the motor  The world shall be specially as the top carriage for the motor  The world shall be tope to entire accentage to the carriage for the motor  The world sha		A fabricated Lantern Carriage shall be provided for fixing and holding the flood light fitting and control gear boxes	Yes
good books, and also have a perfort self balance The Lantern Carriage shall be fabricated in two? three halves and joined by boiled flanges with steel nuts to enable easy The entire lantern carriage shall be fabricated in two? three halves and joined by boiled flanges with steel nuts to enable easy The entire lantern carriage shall be foot of polavinited after fabrication The universe fining of the carriage chall be provided with protective PVC arrangement, so that no damage is caused to the provided of the many and lowering poperation of the corriage  Weather proof junction box shall be provided on the Carrage Assembly, a required, from which the inter-connections to the designed moment of the flood light furnishes and associated corricy gases tood on the carriage flanter laphace. In price of the search of the carrage Assembly as required, from which the inter-connections to the designed moment of the flood light furnishes and associated corricy gases tood on the carriages after the motor  fastion of corre  all punction floos control the op junction box to the individual luminaries and cable shall conforming to  associated (assembly associated)  fastion of corre  all cable connections from the top junction box to the individual luminaries and cable shall conforming to  associated (assembly associated)  fastion of corre  all cable connections from the top junction box to the individual luminaries and cable shall conforming to  associate and towards  fastions and towards  for the installation and maintenance of the inminaries and lamps, it shall be necessary to lower and raise the Lantern  associated (assembly associated)  for the installation and maintenance of the inminaries and lamps, it shall be necessary to lower and raise the Lantern  associated (assembly associated)  for the installation and maintenance of the inminaries and lamps, it shall be necessary to lower and raise the Lantern  associated (assembly associated)  for the installation and maintenance of the inminaries and lamps, it shall be necessary			Yes
The Lameron Carriages shall be fabricated in two of three halves and joined by bolted flanges with seel must so enable easy installation on removal from the extended mast in installation on removal from the extended mast installation on the clarings shall be provided with protective PVC arrangement, so that no damage is caused to the source of the contrarge shall be made to the carriages shall be made to the designed number of the flood light luminories and associated control goals flow on the carriages shall be made in the designed number of the flood light luminories and associated control goals flow on the carriages shall be made in languages protected in the flood light luminories and associated control goals flow on the carriages shall be made in languages protected in the flood light luminories and associated control goals flow on the carriages shall be made in languages protected the shall flow on the carriages shall be made in languages protected the shall flow on the mast the shall conforming to the designed flower on the carriages shall be made in languages and carriages shall be made in languages. The shall carriages shall be made in languages and carriages shall be made in languages shall be made in languages and carriages shall be made in languages shall be made in languages and shall be carriages associated goals and the which flowed at the base of the mast the specially languages and shall be carriages and shall be provided, with the which flowed at the base of the mast the specially languages and connecting copper cable also shall be provided for the motor.  The which shall be or "three partiages flower flower partiages and connecting copper cable also shall be provided for the motor."  The hand frame is to be designed as a capping unit	Lantarn Carriaga		Yes
The inner lining of the carriage shall be provided with protective PVC arrangement, so that no damage is caused to the surface of the mist during raking and lowering persistion of the carriage.  Weather prote of function box shall be provided on the Carriage Assembly as required, from which the inter-connections to the designed number of the food light luminaries and associated control gears fixed on the carriages shall be made.  Ingress protection for junction Box is. IP Class (as per INDECISCISS 2001 tatest) Test Report from Central Government labs MARB/LILAC accordiated lab and report shall furnish to buyer on demand.  Quinction Box material.  Cast adminishm.  Cast connections from the top junction box to the individual luminaries and cable shall conforming to 15: 694; 2010 larsest No of core.  Zale canegory.  Six of cable (in Sq mm).  Conductor material shall be Production for Sq mm).  Conductor material shall be Production for Sq mm).  Copper.  For the installation and maintenance of the luminaries and larrapult shall be necessary to lower and raise the Lantern Carriage Assembly.  To enable this, a suitable Winch Arvangement shall be provided, with the winch fixed at the base of the mast the specially ves designed head frame assembly at the top.  The winch shall have provision for manual operation in case of failure of the motor.  Yes.  The winch shall have provision for manual operation in case of failure of the motor.  Yes.  The winch shall have provision for manual operation in case of failure of the motor.  Yes.  The winch shall have provision for manual operation in case of failure of the motor.  Yes.  The winch shall have provision for manual operation in case of failure of the motor.  Yes.  The winch shall have provision for manual operation in case of failure of the motor.  Yes.  The winch shall never the difference of the specific of the motor.  The winch shall have provision for manual operation in case of failure of the motor.  The winch shall never the first provision of the shall be provided t	Lantern Carriage		Yes
Surface of the mast during raising and lowering operation of the carriage of the motion of the carriage of the designed number of the flood light luminaries and associated control gears fixed on the carriages shall be made to the designed number of the flood light luminaries and associated control gears fixed on the carriages shall be made to shah/Mal/LAC accreditated tab and report shall fluminaries and associated control gears fixed on the carriages shall be made to shah/Mal/LAC accreditated tab and report shall fluminaries and cable shall conforming to the set of cable (in Sq mm) and the carriage of the carriage		The entire lantern carriage shall be hot dip galvanized after fabrication	Yes
the designed number of the food light luminaries and associated control gears faced on the carriages shall be made Ingress protection for function Box i.e. IP Class (as per IS/IEC/66/25/2001 latest) Test Report from Central Government Inbr/MABUL/LAC accrediated bib and report shall furnish to buyer on demand  Vinction Box material  Vinction Box material  Vinction Box material  No core  Cable connections from the top junction box to the individual luminaries and cable shall conforming to  Size of cable (in Sig mm)  Cable category  For the installation and maintenance of the luminaries and lamps, it shall be necessary to lower and raise the Lantern  Carriage Assembly  To enable this a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially  ves.  The winch shall have provision for manual operation in case of failure of the motor  Yes  The winch shall have provision for manual operation in case of failure of the motor  The winch shall have provision for manual operation in case of failure of the motor  Wes  Minimum working load of winch (Rog)  Motor capacity. Minimum (in HP)  Suitable rating and connecting cooper cable also shall be provided for the motor  Wes  Winch  The head frame is to be designed as a capping unit of the mast, shall be of wielded steel construction, galvanized both internally and externally after assembly  The text carricates shall be of internally and externally after assembly  The pulley shock shall be made of non-corrodible material, and shall be of wielded steel construction, galvanized both internally and externally after assembly  The pulley shock shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6), Pulley made of yes  ves  Self-lubricating bearings and steel shart shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley secondly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be a provided with guides and stops w			Yes
Introdes			Yes
Cable connections from the top junction box to the individual luminaries and cable shall conforming to is: 694: 2010 latest No of core			IP 65
No of core  Cable category  FR-LSH  Size of cable (in Sq mm)  Conductor material shall be  Copper  For the installation and maintenance of the luminaries and lamps, it shall be necessary to lower and raise the Lantern  Carriage Assembly  To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially designed head frame assembly at the top  The winch shall have provision for manual operation in case of failure of the motor  Winch  Minimum working load of winch (in Kg)  Motor capacity. Minimum (in HP)  Suitable rating and connecting copper cable also shall be provided for the motor  The winch shall be type tested from a Central Gov. Lab/NABL/ILAC acreditated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  Fall-lubricating bearings and steel shalt shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley stock shall be made of non-corrodible material, and shall be of discast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-lubricating bearings and steel shalt shall be provided to facilitate smooth and maintenance free operation for a long period  The suppension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  The verall diameter of the rope  The breaking load of each rope shall		Junction Box material	Cast aluminium
Cable category   FR.LSH     Size of cable (in Sq.mm)   2.5     Conductor material shall be   Copper     Carriage Assembly   To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially   designed head frame assembly at the top     To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially   designed head frame assembly at the top     The winch shall have provision for manual operation in case of failure of the motor   Ves     The winch shall have provision for manual operation in case of failure of the motor   Ves     Minimum working load of winch (in Kg)   750     Motor capacity- Minimum (in HP)   1.5     Motor capacity- Minimum (in HP)   1.5     Suitable rating and connecting copper cable also shall be provided for the motor   Ves     The winch shall be type tested from a Central Gort Labr/NABUTLAC acrredated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch   Ves     The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly   Ves     The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core   Ves     The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of   Ves     The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be   Ves     The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be   Ves     The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be   Ves   Ves	Junction Box	Cable connections from the top junction box to the individual luminaries and cable shall conforming to	IS: 694: 2010 latest
Size of cable (in Sq mm)  Conductor material shall be  Conper  Conductor material shall be  For the installation and maintenance of the luminaries and lamps, it shall be necessary to lower and raise the Lantern  Carriage Assembly  To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially designed head frame assembly at the top  The winch shall be of 'Integral Power Tool' type with motor  The winch shall be of 'Integral Power Tool' type with motor  The winch shall be of 'Integral Power Tool' type with motor  The winch shall be of winch (in Kg)  Motor capacity- Minimum (in HP)  Suitable rating and connecting copper cable also shall be provided for the motor  Yes  The winch shall be type tested from a Central Govt Labr/NABL/ILAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as pastic or PVC are not acceptable  Self-lubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage  The usupension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  The breaking load of each rope shall be at full load as per the relevant standar		No of core	3
Conductor material shall be Copper  Conductor material shall be Copper  To the installation and maintenance of the luminaries and lamps, it shall be necessary to lower and raise the Lanterm arriage Assembly To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specialty designed head frame assembly at the top  The winch shall be of "Integral Power Tool" type with motor The winch shall be of "Integral Power Tool" type with motor The winch shall have provision for manual operation in case of failure of the motor Winch Minimum working load of winch (in Kg) Motor capacity - Minimum (in HP) Suitable rating and connecting copper cable also shall be provided for the motor Yes  The winch shall be type tested from a Central Govt Lab/NABU/LAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  Fact pulley shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-lubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lanterm carriage  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  The breaking load of each rope shall be at full load as per the relevant standard		Cable category	FR-LSH
Raising and lowering mechanism  For the installation and maintenance of the luminaries and lamps,it shall be necessary to lower and raise the Lantern Carriage Assembly  To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially yes designed head frame assembly at the top  The winch shall have provision for manual operation in case of failure of the motor  Winch  Minimum working load of winch (in Kg)  Motor capacity - Minimum (in HP)  Suitable rating and connecting copper cable also shall be provided for the motor  The winch shall be type tested from a Central Goxt Lab/NABL/ILAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-fubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be rovided with guides and stops with PVC buffer for docing the lantern carriage  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  The breaking load of each rope shall be affull load as per the relevant standard  Fraed Construction  The breaking load of each rope shall be at full load as per the relevant standard  Fraed Construction  The breaking load of each ro		Size of cable (in Sq mm)	2.5
Raising and lowering mechanism  Carriage Assembly  To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially designed head frame assembly at the top  The winch shall be of "Integral Power Tool" type with motor  The winch shall have provision for manual operation in case of failure of the motor  Winch  Minimum working load of winch (in Kg)  Motor capacity - Minimum (in HP)  Suitable rating and connecting copper cable also shall be provided for the motor  The winch shall be type tested from a Central Govt Lab/NABL/ILAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both intermally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-fubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  The breaking load of each rope shall be at full load as per the relevant standard  Frade / construction  The breaking load of each rope shall be at full load as per the relevant standard  Frade / construction		Conductor statistics shall be	Connex
The winch shall be greated from a Central Govt Lab/NABL/ILAC acredated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall be furnished to buyer on demand. The test certificate shall be of acredated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall be of surternally and externally after assembly  The buy pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable.  Fixed period  The pulley shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable.  Self-lubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage.  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same.  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same.  The overall diameter of the rope.  The breaking load of each rope shall be at full load as per the relevant standard  Grade / construction  AISI 316, 7/19 construction		Conductor material shall be	Copper
The winch shall have provision for manual operation in case of failure of the motor  Winch  Minimum working load of winch (in Kg)  Motor capacity - Minimum (in HP)  Suitable rating and connecting copper cable also shall be provided for the motor  The winch shall be type tested from a Central Govt Lab/NAB/LIAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-lubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  7/=2400 Kg  Grade / construction  AlSI 316, 7/19 construction	Raising and lowering	For the installation and maintenance of the luminaries and lamps,it shall be necessary to lower and raise the Lantern	
Minimum working load of winch (in Kg)  Motor capacity - Minimum (in HP)  Suitable rating and connecting copper cable also shall be provided for the motor  The winch shall be type tested from a Central Govt Lab/NABL/ILAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-lubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  The breaking load of each rope shall be at full load as per the relevant standard  First breaking load of each rope shall be at full load as per the relevant standard  First breaking load of each rope shall be at full load as per the relevant standard  First breaking load of each rope shall be at full load as per the relevant standard  First breaking load of each rope shall be at full load as per the relevant standard  First breaking load of each rope shall be at full load as per the relevant standard  First breaking load of each rope shall be at full load as per the relevant standard  First breaking load of each rope shall be at full load as per the r		For the installation and maintenance of the luminaries and lamps, it shall be necessary to lower and raise the Lantern Carriage Assembly  To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially	Yes
Motor capacity - Minimum (in HP)  Suitable rating and connecting copper cable also shall be provided for the motor  The winch shall be type tested from a Central Govt Lab/NABL/ILAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-lubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  The breaking load of each rope shall be at full load as per the relevant standard  Grade / construction  AISI 316, 7/19 construction		For the installation and maintenance of the luminaries and lamps, it shall be necessary to lower and raise the Lantern Carriage Assembly  To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially designed head frame assembly at the top	Yes Yes
Suitable rating and connecting copper cable also shall be provided for the motor  The winch shall be type tested from a Central Govt Lab/NABL/ILAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-lubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  7/e5 mm  The breaking load of each rope shall be at full load as per the relevant standard  Grade / construction  AlSI 316, 7/19 construction		For the installation and maintenance of the luminaries and lamps, it shall be necessary to lower and raise the Lantern Carriage Assembly  To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially designed head frame assembly at the top  The winch shall be of "Integral Power Tool" type with motor	Yes Yes Yes
The winch shall be type tested from a Central Govt Lab/NABL/ILAC acrreidated lab and the test certificate shall be furnished to buyer on demand. The test certificate shall include the maximum load operated by the winch  The head frame is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly  The top pulley shall be of appropriate diameter, large enough to accommodate the steel wire ropes and the multi-core electric cable  The pulley block shall be made of non-corrodible material, and shall be of die-cast Aluminum Alloy (LM-6). Pulley made of synthetic materials such as plastic or PVC are not acceptable  Self-lubricating bearings and steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period  The pulley assembly shall be fully protected by a canopy galvanized internally and externally. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage  The suspension system shall essentially be without any intermediate joint. The steel wire ropes shall be of suitable construction, the central core being of the same  The overall diameter of the rope  The overall diameter of the rope  The breaking load of each rope shall be at full load as per the relevant standard  Grade / construction  AISI 316, 7/19 construction		For the installation and maintenance of the luminaries and lamps, it shall be necessary to lower and raise the Lantern Carriage Assembly  To enable this, a suitable Winch Arrangement shall be provided, with the winch fixed at the base of the mast the specially designed head frame assembly at the top  The winch shall be of "Integral Power Tool" type with motor  The winch shall have provision for manual operation in case of failure of the motor	Yes Yes Yes Yes
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	Torque- limiting device with load adjustment facility to protect the wire ropes	Yes
	A suitable terminal box shall be provided as part of the supply at the base compartment of the high mast for terminating the incoming cable	Yes
	At the top there shall be weather proof junction box to terminate the trailing cable	Yes
	The system shall have in - built facilities for testing the luminaires while in lowered position	Yes
	Electric cables shall used in the high mast system shall be	ISI Marked
Electrical System, Cable	The trailing cable (from base compartment to top of the mast system junction box ) conforming to	IS:7098 (Part 1):1988 lates
and Cable Connections	No. of cores	3
	Size of cable (in Sq.mm)	2.5
	Cable shall be	Unarmoured
	Conudctor material shall be	Copper
	Cable Category	1
	Incoming power cable from feeder panel to base compartment of mast and cable shall conforming to	IS:7098 (Part 1):1988 lates
	Feeder pillar panel for each mast	Yes
	Feeder panel shall be suitable for	415 V, 3 phase, 4 wire, 50
	The control panels shall be	Stand mounted
	Ingress protection for feeder pillar panel i.e IP Class (as per IS/IEC:60529:2001 latest). Test Report shall furnish from Central Government lab/NABL/ILAC accrediated lab to buyer on demand	IP 65
	It shall be fabricated out of	14 SWG CRCA sheet steel
	Thickness of sheet (in mm)	2
	The panels shall be given pre-treatment and powder coated and color shall be	Grey
	The stand shall be painted in	Black color
	Cable entry shall be at the	Bottom
	The panels shall have	knock outs of the require
	Laminated circuit diagram shall be pasted	inside of the door
Fandan sillan Banal	Feeder pillar shall have pad locking arrangement	Yes
Feeder pillar Panel	Earth terminal	12 mm dia. Bolts
	Panel shall have a sloping cover to avoid accumulation of dust	Yes
	Panel shall be provided with incoming & outgoing MCCB / MCB of appropriate rating and in desired quantity depending on total no of circuits in use	yes
	Timer for automatic ON & OFF of lights with pilot lamps shall be provided	Yes
	Toggle Switch for AUTO/OFF/MANUAL mode	Yes
	Bus bars material	Yes. Copper
	Cables used in the high mast system shall be	ISI Marked
	The incoming power cable (from feeder panel to base compartment) conforming to	IS:7098 (Part 1):1988 lates
	No of Cores	3
	Size of cable (in Sq.mm)	2.5
	Cable Shall be	Unarmoured
	The conductor material shall be	Copper
	cable category	1
	No. of Luminaires for each high mast lighting tower (in Nos)	8
	LED Luminaire conformity to IS:10322/Part5/Section5/2012latest 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	Туре В
	Types of LED Modules as per the IS: 16103(Part-2)/2012	Type 3
	LED Rating/System Wattage/Rated Power for each luminaire	400W
	Luminaire System Efficacy (Lumen/watt)	>/= 100   m/Watt
	Luminaire System Efficacy (Lumen/watt)  Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	>/= 100 Lm/Watt

Mounting brackets (included)	Adjustable
Input operating Voltage range and frequency	90 to 300 Volts AC at 50Hz+/- 2Hz
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	6000K (+/- 500K)
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 material (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	-20 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
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 protection as per IS:10322 (Part 1):1982latest	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
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 per luminaire (power supplies)	1 No.
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 LM80/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 in side each unit and the out side of each packaging box	Yes

LED FLOOD LIGHT LUMINAIRE

	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/
	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 accrediated lab Reports shall be furnish on demand 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 accrediated lab Reports shall be furnish on demand by buyer (LM-80 report shall have and the Pohoto Biological report of the LED Chip being used in the luminaire)	Yes
CERTIFICATIONS	Availability of test Report from Central Government lab/NABL/ILAC accrediated lab to Indian Standrad IS:10322/part5/sec-5/2012andIS16107 (Part 2/Sec 1):2012	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 Flood Light shall comply with Complusory Registration (CRS) of BIS for safety as per IS 10322 (Part5/Section5): 2012 as applicable on the date	Yes
	Marking: All the products shall have marking details as per relevant BIS standard	Yes
	Seller shall furish all the test reports and certificates as per the technical specification to the purchase auhtority on demand	Yes

হিম্মণী 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.

# खरीदार परिभाषित अतिरिक्त विशिष्टता के लिए |Buyer Defined Additional Specification for IGNITE 16 meters High Mast Lighting Tower for large area with LED Flood Lighting System with 8 LED FLOOD LIGHT LUMINAIRES

विनिर्देश Specification	मूल्य Value
Additional Cables to be supplied per HM Tower	1.1 KV 3.5 Core 25 sq mm Al Cable -Minimum 50 Meter. 1.1 KV 4 Core 16 sq mm Al Cable- Minimum 30 Meter
Valid BIS Registration Certificate & Test Reports	a .Bidder shall upload Copy of Valid BIS Registration Certificate as per IS 10322(Part5/sec5) for LED Flood Light Fittings of relevant Make and rating offered in the bid. b. High Mast Lighting Tower: Bidder shall upload copy of Wind Loading Test Report/Certificate duly certified by an independent agency like IIT/ Govt of India approved body/NABL accredited lab /Govt Test house etc.
Valid Authorization from LED Flood Lights manufacturer.	Bidder shall clearly declare Make Of High Mast Lighting Tower and Make/ Model of LED Flood Light fittings Offered in the bid. Bidder shall upload copy of Valid Authorization from LED Flood Lights manufacturer.
Valid Test Reports	LED Flood Lights: Bidder shall upload Copy of LM 79 test reports for Offered LED Flood Light fittings (Same Make & rating offered) issued from NABL Accredited labs/ Govt of India approved test labs etc.

## ईपीबीजी विवरण | ePBG Detail

सलाहकार बैंक   Advisory Bank :	State Bank of India
ईपीबीजी प्रतिशत (%)   ePBG Percentage(%):	5.00

बोली लगाने वाले को बोली के नियमों और शर्तों के अनुसार लागू ईपीबीजी प्रस्तुत करना होगा |The bidder shall furnish ePBG as applicable as per bid's terms and conditions

# नियम और शर्तें|Terms and Conditions

- 1. General Terms and Conditions-
- 1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.
- 1.2 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
- 1.3 All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.
- 2. Buyer Added Bid Specific Terms and Conditions-
- 2.1 Scope of Supply:

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

2.2 Inspection.

Nominated Inspection Agency: On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance: Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC):

Central Mine Planning & Design Institute Ltd (CMPDIL) Ranchi

Post Receipt Inspection at consignee site before acceptance of stores:

GM(E&M) I/C or his authorized representative

#### 2.3 Certificates

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.

#### 2.4 Certificates

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.

#### 2.5 Warranty

Warranty period of the supplied products shall be 5 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.

#### 2.6 Warranty.

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 7 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-imberse the cost of such service / rectification to the Buyer.

#### 2.7 Generic

Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. Click here to view the file

#### 2.8 Generic.

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

#### 2 9 Generic

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form / Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

### 2.10 Generic.

 $\label{thm:constraint} \textbf{Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.}$ 

## 2.11 Generic.

## OPTIONAL SITE VISIT:

1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder.

Yes

- 2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.
- 3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

## 2.12 Generic

- 1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
- 2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
- 3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

## 2.13 Generic.

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

## 2.14 Past Project Experience:

Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc. Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

## 2.15 Forms of EMD and PBG:

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

**BHARAT COKING COAL LIMITED** 

payable at

DHANBAD

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 2.16 Forms of EMD and PBG:

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

### **BHARAT COKING COAL LIMITED**

Account No.

10976596836

IFSC Code

SBIN0000066

Bank Name

State Bank of India

Branch address

Bank More. Dhanbad

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

#### 2.17 Buyer Added Bid Specific ATC:

Buyer Added text based ATC clauses

1.Manufacturer's Authorization: Bidders who are participating in the bid as Traders shall upload bid specific Manufacturers Authorization from Manufacturer of High Mast Lighting Tower. As High Mast Lighting tower is the major component of the tendered item of bid, so Manufacturer of High Mast Lighting Tower will be considered as Manufacturer of T endered item and will accordingly get benefit of MSE PP policy. The manufacturer of bought out items say LED Flood light fittings, or othe r spare items will not be entitled to get the benefit of manufacturers in the GeM bid.

2.Self-declaration: Bidder shall upload a self-declaration that all bought out items of High Mast Lighting Tower s offered shall be confirming to relevant Indian standards as applic able. Bidder shall upload a self-declaration to submit all test certificates of High Mast Lighting To wer, LED Flood Lights, winch motor, wire rope, cables, feeder panel etc along with supply of material.

### 3.Pre-dispatch Inspection

Pre-dispatch Inspection shall be done by nominated agency of BCCL i.e. Central Mine Planni ng & Design Institute Ltd (CMPDIL) Ranchi / their Regional Office (for details visit ww w.cmp di.co.in). Inspection fee@ 1% of total consignment billing (plus statutory levis like GST etc. as applicable on inspection fee) is to be paid to CMPDIL along with inspection call letter pay able by SBI Collect by seller. The price is to be quoted by the seller inclusive of inspection f ees. Minimum 7 calendar days notice shall be given by the manufacturer to C MPDIL for arranging inspection within valid delivery period as per contract. (The clause is already attached in the Buyer uploaded ATC document of ATC section of the Bid.)

4.Upon dispatch of the Goods to the consignee, the Supplier shall notify the Purchaser and Ultimate Consignee and need to furnish following dispatch documents

i. Supplier's invoice showing Contract Number, Goods description, quantity, unit price, total amount;

 $ii.\ Railway\ receipt/\ Transporter's\ consignment\ note\ / acknowledgement\ of\ receipt\ of\ Goods\ from\ the\ consignee(s);$ 

iii. Manufacturer's/Supplier's warranty / guarantee certificate;

iv. Manufacturer's Test & Inspection certificate (if any)

The above documents shall be provided by the supplier at the time of arrival of the Goods at the consignee's end. In case of delay, the Supplier will be responsible for any consequent expenses.

5. Integrity Pact: The bidders will have to upload along with their offer, digitally signed Pre Contract Inet grity Pact as per format attached in the GeM Bid, failing which their offer may not be considered. In terms of the Integrity Pact, the Independent External Monitor(s) (IEMs) nominated for this tender are as follows,

SI	Name of IEM	Address	e-Mail ID
1	Shri Awind Ku mar Kadyan, I DAS(Retd.),	B-2l1, Paschim Vih ar, New Delhi - 11006 3	arvindkadyan17@g mail.com
2	Shri Amrit Lu gun, IFS(Ret d.),	A2/122, Ground flo or,	a.lugan@ymail.com
		Safdarjung enclav e,	
		New Delhi- 110029.	

In the event of any dispute between the management and the bidder relating to this Bid/the reafter contracts (where Integrity Pact is applicable), in case, both the parties are agreeable, they may try to settle dispute through mediation before the panel of IEMs in a time bound manner. If required, the organizations may adopt any mediation rules for this purpose. The fees/expenses on dispute resolution shall be equally shared by both the parties.

The IP needs to be digitally signed and uploaded with the offer.

## 6.Satisfactory performance

The PO copy shall be supported by satisfactory Performance certificate. issued by respective Buyer Organization. Considering the practical difficulties in obtaining the Performance Reports in cases where proven-ness of the offered product is being ascertained on the basis of supply made in other subsidiaries of CIL or other PSUs/Govt Department/Private Organizations, the bidder shall submit a self-certificate in the following format along with proof of pay ment against the Purchase Order/ Rate Contract add commissioning certificates (in case of equipment, P&M etc where erection & commissioning is required):

"The items covered in the purchase order/ rate contract(s) copies enclosed with our offer h ave been fully executed and have performed satisfactorily as per the provisions of the resp ective purchase order/ rate contract(s) and all the complaints lodged by the purchaser, if a ny, have been attended to and no complaints/ claims are pending."

7. Exemption from Experience Criteria/Performance criteria

If bidders have submitted documents to prove the Startup/MSE status for the tendered item and their products are ISI marked/DGMS approved/Proven in CIL or its Subsidiary companies/Proven product of the ancillary unit of a Subsidiary Company of CIL, they will be required to submit the following applicable related documents, for relaxation from the criteria of prior experience and prior turnover:

· a valid BIS Marking License for the quoted items

o

• Rate contract issued by CIL/its Subsidiary Companies for the quoted items

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· a valid DGMS Approval certificate for the quoted items

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• Proven Ancillary certificate issued by BCCL for the quoted items.

OI

if bidders have submitted documents to prove the Startup/MSE status for the tendered item without certificate towards quality, assurance and capability from some authority lik e MSME, NSIC, etc, the bidder needs to submit Proforma for Equipment and Quality Control' (as per Annexure-1) duly filled along with the bid for assessing the techno-commerci al capability of the vendors to manufacture and deliver goods as per the prescribed quality and technical specification. The document(s) / certificate(s) furnished by the bidders for ISI markings or DGMS approval for any relaxation should be valid on the date of tender opening and a copy of such document(s)/certificate(s) valid on the date of supply, must accompany their bill(s).(Proforma atta ched in buyer added bid specific ATC document.

8.DOCUMENTS TO BE SUBMITTED BY BIDDERS WHO HAVE SUBMITTED EMD IN FO RM OF DD/RTGS / INTERNET BANKING

Bidders submitting EMD in the form of DD/RTGS / internet banking shall also submit the foll owing documents along with their bid for Vendor Code Creation to return the EMD a mount post finalization of tender:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.
- 9. Security Deposit ePBG mentioned in Bid document will work as Security Deposit.
- a. The successful tenderers will have to submit Security Deposit for the 5% value of the total landed value of the contract including all taxes, duties and other costs and charges. In case of Rate / Running Contracts the Security Deposit shall be for an amount of 5% of average annual offtake contractual value; and in case RC period is longer than 1 year, SD amount shall be 5% of average annual offtake. In case of Contracts for procurement of Capital Goods along with Warranty Spares & Consumables (if applicable) and a dditional Spares & Consumables / AMC / CMC for more than one year, the Security Deposit shall be for 5% of equipment landed value along with maximum annual landed value of Spares & Consumables.
- b. The Security Deposit shall be deposited through RTGS / NEFT / IMPS /e-BG/ other digital modes or in th e form of a Bank Guarantee in the prescribed format from a RBI Scheduled Bank in purchaser's country ( on a non-judicial stamp paper) within 15 days from date of notification of award or placement of order.
- c. The Security Deposit shall be in the same currency(ies) in which contract is to be signed/ issued. In ca se of multi-currency contract, separate Security Deposit Bank Guarantee (SDBG) in respective currency f or required value as above shall be submitted.
- d. In case of equipment, SDBG shall not be individual equipment wise. However, multiple Bank Guarante es for Security Deposit shall be permissible provided value of all the SDBGs totals to 5% of the contract value, and all are submitted simultaneously within the specified time schedule and all of them are in the same prescribed format of SDBG without linking to any particular equipment.
- e. The SDBG shall remain valid up to 3 months after completion of supplies and acceptance of materials by the consignee in case of supply contracts and in case of contracts for equipment involving installatio n and commissioning, 3 months after the supply and commissioning of all the equipment covered in the contract.
- f. If the successful tenderer fails to deposit the security deposit within 15 (fifteen) days from date of not ification of award/ placement of order, another opportunity may be given to them for submission of Security Deposit within next 15 days. If the successful tenderer still fails to deposit the security deposit within the extended period but executes the supplies within scheduled delivery period, the submission of Security Deposit may be waived, as the purpose of submission of SD is fulfilled.
- g. In cases where the successful tenderer did not submit the security deposit even within the extended period for SD submission but has supplied the materials either in full or in part after the extended period for SD submission, a penalty equivalent to 0.5% (half percent) of SD amount for delay of each week or part thereof (period of delay is to be calculated from the 31st day from the date of notification of award/placement of order to the date of receipt of full SD) shall be levied subject to a maximum of 5% of the contract value.
- h. Security Deposit will be released with the approval of HOD of MM Department/ Area GM within 30 day s after completion of supplies and acceptance of material by the consignee in case of supply contract or after successful commissioning and on receipt of confirmation of Performance Bank Guarantee(s) for all the equipment covered in the contract in case of contracts for equipment and all those items/ goods inv

olving installation and commissioning and PBG.

- i. All Central/State Government Organization/PSUs shall be exempted from submission of Security Deposit. OEM/OES shall also be exempted from submission of Security Deposit in case of procurement of Spare Parts for equipment against Single Tender Enquiry/Open/Limited Tenders.
- j. The SDBG will be submitted Through Structured Financial Management System (SFMS).
- 10. TReDS: Trade Receivables Discounting System (TReDS) is an initiative of Reserve bank of India (RBI) to facilitate MSME receivable payments from corporates. BCCL has on boarded on following three TReDS platforms
  - i. Receivables Exchange of India Limited (RXIL), website- www.rxil.in
  - ii. A-treds Ltd (Invoicemart) , website- www.invoicemart.com
  - iii. Mynd Solutions Pvt.Ltd. (M1 exchange) , website- www.m1exchange.com

MSE bidders willing to get payment through this system may get registered on TReDS platform and confirm the respective member code of TReDS Portals in their offer. The bidder may contact respective portal s for any queries /details.

11. Performance Bank Guarantee (PBG)

Apart from 5 % e-PBG as per GeM format (which is towards security Deposit), the successful bidder shall be required to furnish performance bank Guarantee, PBG (s) as per following,

- 1. The successful bidder shall be required to furnish a Performance Guarantee equivalent to 10% value of the contract to cover the warranty/guarantee period.
- 2. The Performance Guarantee shall be in the form of a Bank Guarantee issued by a RBI scheduled bank in India in the prescribed format as below on a non-judicial stamp paper.
- 3. The Performance Bank Guarantee (PBG) shall be in the same currency in which contract has been signed.
- 4. The PBG (s) shall remain valid till 3 months after the completion of warranty period.
- 5. The PBG shall be submitted sufficiently in advance (say 3-4 weeks) to enable its verification from the issuing bank, before submission of the invoice.
- 6. The release of the Performance Bank guarantee after above indicated period, shall be subject to satisfactory performance of the equipment/ items during the warranty period and fulfilment of contractual obligations failing which, action for further extension or encashment of PBG, as deemed suitable shall be taken. The Performance B ank Guarantee shall be released after expiry of validity period if no claim is pending, with the approval of the concerned HOD (MM)/ Area GM after expiry of validity period after obtaining the following:
- 1. 'No Claim Certificate' from the concerned HOD (User Dept.) indicating that there is no claim pending.
- 2. 'No Claim Certificate' from the contractor indicating that there is no claim pending and that there is no disput e pending as per Annexure-2.
- 7. The PBG will be submitted through Structured Financial Management System (SFMS).
- 8. The PBG issued by Issuing bank on behalf of the bidder in favour of "Bharat Coking Coal Limited" shall be in p aper form (Stamp Paper) as well as issued under "Structured Financial Messaging System". The details of beneficiary Bank for issue of BG through SFMS Platform shall be as under, Issuing Bank should send the underlying confirmation to either of following banks:

Name of benefici		Bharat Coking Coal Limite	
ary	Name	d	
& its details	Area	HQ,BCCL	
	Bank Account no		
		35160317947	
	Deptt.	MM Department	
Beneficiary	Stat	e Bank of India	
Bank,			
Branch & Addr	Main Branch Dhanbad		
ess			
IFSC code	Si	BIN000066	
	Or		

Name of benefici	Name	Bharat Coking Coal Limited
ary	Area	HQ,BCCL
& its details	Bank Accoun	
	t no.	019605001057
	Deptt.	MM Department

Beneficiary	ICICI Bank	
Bank,		
Branch & Addr	ICICI Bank, Dhanbad	
ess	Terer barre, Brianbaa	
IFSC code	ICIC0000196	

- 9. Original copy of the Bank Guarantee issued by the Issuing Bank along with SFMS confirmation shall be sent by the issuing bank to MM department, BCCL.
- 10. In cases where the supplier does not submit the PBG in time or as per the prescribed format in line with the contract stipulations, the PBG amount may be deducted from the first bill or in case of insufficient amount, from subsequent bill(s) of the supplier till the full PBG amount is deducted. This amount shall be refunded to the supplier upon acceptance of PBG submitted by them.

Performance Bank Guarantee Format

M/s. Bharat Coking Coal Ltd.

KoylaBhawan,KoylaNagar

Dhanbad - 826005

Re: Bank Guarantee in respect of Agreement / Contract / Purchase Order vide no. ..... dated ......... between BHA RAT COKING COAL LIMITED and ........ (Name of Supplier Company)

The......(Name of the Bank) (hereinafter called 'the Bank') having its office

at...... has at the request of the Contractor agreed to give the guarantee as hereinafter

contained. We......(Name of the Bank) do hereby unconditionally agree with the Compan y that if the Contractor shall in any way fail to observe or perform the terms and conditions of the said Agreeme nt or shall commit any breach of its obligations thereunder, the Bank shall on demand and without any objection or demur pay to the Company, the said sum of Rs................... or any portion thereof without requiring the Company to have recourse to any legal remedy that may be available to it to compel the Bank to pay the same or callin g on the Company to compel such payment by the Contractor.

Any such demand shall be conclusive as regards the liability of the Contractor to the Company and as regards the amount payable by the Bank under this guarantee. The Bank shall not be entitled to withhold payment on the ground that the Contractor has disputed its liability to pay or has disputed the quantum of the amount or that a ny arbitration proceeding or legal proceeding is pending between the Company and the Contractor regarding the claim.

The Bank further agrees with the Company that the Company shall have the fullest liberty without the consent of the Bank and without affecting in any way the obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend the time for performance of the said Agreement from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the contractor and to forbear to enforce any of the terms and conditions relating to the said Agreement and the Bank shall not be relieved from its liability by reason of such failure or extension being granted to the contractor or through any for bearance, act or omission on the part of the Company or any indulgence by the Company to the contractor or any other matter or thing whatsoever which under the law relating to sureties would but for this provisions have the effect of relieving or discharging the Guarantor.

The Bank further agrees that in case this guarantee is required for a longer period and it is not extended by the Bank beyond the period specified above, the Bank shall pay to the Company the said sum of Rs....... or s uch lesser sum as may then be due to the Company and as the Company may require.

Notwithstanding anything herein contained the liability of the Bank under this guarantee is restricted to Rs....... only. The guarantee shall remain in force till the.....day of ......20... and unless the guarantee is renewed or a clai m is preferred against the Bank within the validity period and/or the claim period from the said date, all rights o f the Company under this guarantee shall cease and the Bank shall be released and discharged from all liability hereunder except as provided in the preceding clause.

Dated this.....day of ......20.....

Place		
	Signature of the authorized perso n(s)	
	For and on behalf of the Bank.	
	For and on benair of the Bank.	
	No Claim Certificate	
	(On company letterhead)	
То,		
(Contract Executing Officer)		
Procuring Entity		
NO CLAIM CERTIFICATE		
Sub: Contract Agreement no dated	for the supply of	
•	only) in full and final settlement of all the payments due to us for the supply of	
under the above mentioned contract agreement, between us and BHARAT COKING COAL LIMITED. We hereby unconditionally and without any reser vation whatsoever, certify that we have no claim whatsoever, of any description, on any account, against Procuring Entity, against aforesaid contract agreement executed by us. We further declare unequivocally, that we have received all the amounts payable to us, and have no dispute of any description whatsoever, regarding the amounts worked out as payable to us and received by us, and that we shall continue to be bound by the terms and conditions of the contract agreement, as regards performance of the contract.		
	Yours faithfully, Signatures of contractor or	
	Officer authorized to sign the contract documents on behalf of the contractor	
	(Company stamp)	
Date:		
Place:		
2.18 Buyer Added Bid Specific ATC: Buyer uploaded ATC document <u>Click here to view the file</u> .		
नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज़ का प्रिटे आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।		
Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.		