

BOKARO POWER SUPPLY COMPANY (P) LIMITED COMPLIANCE REPORT

Ref: MOEF, New Delhi Environment Clearance F.No. J 13012/74/2010-IA II (T) dated 03rd. April, 2012.



STIPULATED CONDITION	COMPLIANCE STATUS
(ii) A stack of 180 m height with flue gas velocity not less than 22 m/s shall be installed and provided with continuous online monitoring equipments for SO _x , NO _x and PM _{2.5} & PM ₁₀ . Mercury emissions from stack may also be monitored on periodic basis.	2x50 KW of Solar Power on the roof-top of BPSCT's two office buildings was commissioned (In Welfare Building -1 & Welfare Building-2) in the year 2016 and is in continuous service. 02 MW solar power on rooftop of BSL buildings such as Hospital building, Administrative building, Bokaro Niwasetand have been commissioned in the year 2018 and are in continuous service. COMPLIED.
(iii) Coal transportation to plant site shall be undertaken by rail and no road transportation shall be permitted.	A stack of height 180m is constructed and is under operation with online monitoring system of particulate matter which is functional. Procurement of Sox, Nox analyzer alongwith commissioning of real time data transfer is in pipeline. Mercury emissions from stack is also monitored through M/S Pollution Project Consultants on periodic basis. COMPLIED.
(iv) A detailed study on chemical composition of coal used particularly heavy metal and radio activity contents shall be carried out through a reputed institute and report shall be submitted to Regional Office of the ministry. Only after ascertaining its radioactive level shall fly ash be supplied to end user.	Coal is being transported by Indian railways and unloaded through wagon tippler. No. road transportation of coal is involved. COMPLIED
(v) The project proponent shall carry out a long term R&D on Boiler efficiency vis-a-vis large variation on ash content of coal and submit its findings to the Ministry at a large.	Analysis has been carried out by M/s. R.V. Briggs & Co. Pvt. Ltd and the report is being submitted. COMPLIED
(vi) High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission dose not exceeds 50mg/Nm ³ .	Study is in progress Being Complied
(vii) Adequate dust extraction system such as cyclones/ bag filters and water spray system such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	High efficiency ESP is operational with the steam generating unit and the emission of particulate matter is maintained within the prescribed norm of 50mg/Nm ³ . COMPLIED
	Water spray system in coal yard and ash pond area is in service. Besides it, dry fog dust suppression system is also installed in coal handling plant. Moreover procurement of SMOG Gun is in pipeline. COMPLIED

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(viii) Utilization of 100% Fly Ash generated shall be made from 4th year of operation as per the fly Ash Utilization, Notification, 1999 and its subsequent amendments, Status of implementation shall be reported to the Regional Office of the Ministry from time to time.

1. MOU has been signed with NHAI for utilization of Fly Ash in further stretches of road construction within 100 Km range for which transportation cost will be borne by M/S BPSCL. 98,000 ton of Ash has been used in Fy 2020-21. 7053 cum of Ash has been utilized in Fy 2022-23.
2. M/S Dalmia cement is using our Dry fly ash for cement manufacturing.
3. Ash is being used to fill up low lying areas, abandoned quarries and Hazardous waste pit with in BSL premises and in & around Bokaro Township. 72000 cum of Ash has been used in construction Hazardous waste pit of BSL in 2021-22. Another 4,60,680 cum ash has been used in filling up of low lying areas in and around Ash pond area and plant premises.
4. One semi automatic and one Manual brick manufacturing machine has been commissioned for in-house brick manufacturing. In 2021-22 a total of 25,462 bricks has been manufactured for in-house use and supply to BSL.
5. Fly ash is being supplied to local brick manufacturing units for brick production. A total of 3057.90 Cum of ash has been lifted by local brick manufacturers in 2021-22.
6. 02 nos. of Fly ash bagging machine has been installed and a 330 mtr. Long platform has been constructed to transport fly ash through railway wagons.
7. M/S Orient Exports Pvt. Ltd. have been engaged to transport fly ash through railway wagons and clearance has also been obtained from Indian railways. Bagging work is under progress. In Fy 2021-22, 05 (five) rakes of ash bags amounting to 10566 cum have been sent to Darshana, Bangladesh.
8. Also a pilot project of Biostabilization with bioengineering components has been done over 3,50,000 cum of dumped Fly ash is being stabilized by biological process to reclaim the land.
Aprox. 553377 cum of ash is utilized in 2021-22 against an ash production of 487466 cum i.e 113% utilization has been achieved in FY 2021-22.
COMPLIED

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(ix)	<p>Fly ash shall be collected in dry form and storage facility (Silos) shall be provided. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry from. Mercury and other heavy metals (As, Hg, Cr, Pb, etc) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.</p>	<p>Silo is installed and is functioning. 02 nos. Fly ash bagging machine has been installed for transportation through railway and roadway. Fly ash brick machine is also installed inside plant for use of dry fly ash. Unutilized fly ash is being transported through pipelines as slurry into the ash ponds and analysis being carried out by third party. Monitoring by M/S R V Briggs & Co. and by M/S MECON has been carried out. Report attached COMPLIED</p>
(x)	<p>Land and water requirement shall be restricted as per latest CEA norms issued.</p>	<p>Proper study had been carried out during the planning and commissioning by Bokaro Steel Plant and at the time of extension through an EIA and EMP report by Mecon Ltd. EIA and EMP report already submitted. COMPLIED</p>
(xi)	<p>Ash pond water shall be re-circulated and utilized.</p>	<p>Ash pond water comes out into the BSL cooling pond from where it is re-circulated for plant use. COMPLIED</p>
(xii)	<p>Ash pond shall be lined with HDP/LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.</p>	<p>Regular maintenance of ash dyke is being carried out with boulders and slag for its protection. Also height of the dyke is raised as per requirement. Proposal for ash pond dykes NDT test and modernization study by reputed institute. COMPLIED</p>
(xiii)	<p>Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5% and <34 % respectively at any given time. In case of variation of coal quality at any point of time fresh reference shall be made to the Ministry for suitable amendments to environmental clearance condition wherever necessary.</p>	<p>Coal quality with respect to ash and volatility is regularly checked in plant lab and is within limit. Quarterly third Party test is also carried out through M/s. R.V. Briggs & Co. pvt.ltd. Coal analysis report attached. COMPLIED</p>
(xiv)	<p>Hydrogeology of the area shall be reviewed annually from an institute / organization of repute to assess impact of surface water and ground regime (especially around ash dyke). In case any deterioration is observed specific mitigation measures shall be undertaken and reports / date of water</p>	<p>The specific tests are being carried out by NABL approved vendor M/s. R.V. Briggs & Co. pvt.ltd. COMPLIED Sample report attached.</p>

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<p>quality monitored regularly and maintained shall be submitted to the Regional Office of the Ministry.</p>	
<p>(xv) No ground water shall be extracted for use in operation of the power plant even in lean season.</p>	<p>No ground water is extracted in power Plant area for any operational use. COMPLIED</p>
<p>(xvi) No water bodies (including natural drainage system) in the area shall be disturbed due to activities associated with the setting up /operation of the power plant.</p>	<p>The project work is completed without affecting any of the water bodies of the area. COMPLIED</p>
<p>(xvii) Minimum required environmental flow suggested by the Competent Authority of the State Govt. shall be maintained in the Channel /Rivers (as applicable) even in lean season.</p>	<p>Zero liquid discharge system in outfall of BSL commonly used by BPSCL also is installed and no industrial effluent is discharged to outside water body. COMPLIED</p>
<p>(xviii) COC (Cycles of Concentration) of 5.0 shall be adopted.</p>	<p>Cycles of Concentration is being maintained through Re-Circulation Pump House. COMPLIED</p>
<p>(xix) Regular monitoring of ground water level shall be carried out by establishing a network wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.</p>	<p>Done through M/s. R.V. Briggs & Co. pvt.ltd which is an approved lab of NABL. COMPLIED Sample report attached.</p>
<p>(xx) Monitoring surface water quality in the area shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water shall be undertaken.</p>	<p>Necessary water test and analysis is done through M/s. R.V. Briggs & Co. pvt. ltd COMPLIED</p>
<p>(xxi) Waste water generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB / CPCB.</p>	<p>Water is treated before discharge and an online effluent analysis system is installed for regular monitoring. COMPLIED</p>
<p>(xxii) The project proponent shall undertake rain water harvesting measures and shall develop water storage for use in operation of the plant. Rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises, Action plan for implementation shall be submitted to the Regional Office of the</p>	<p>Rain water harvesting is done through different drain channels network connected to water Reservoir of SAIL/BSL known as cooling ponds of BSL. Installation of RWH system for individual building is under progress. COMPLIED.</p>

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<p>Ministry.</p> <p>(xxiii) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.</p>	<p>All efforts have been made for an effective natural drainage system and there is no accumulation of water inside plant premises. COMPLIED</p>
<p>(xxiv) At least three nearest village shall be adopted and basic amenities like development of roads, drinking water supply, primary health centre, primary school etc shall be developed in co-ordination with the district administration.</p>	<p>a) Mobile medical unit has been started in collaboration with PSMRI for nearby village costing approx 12 Lakhs b) Community sanitation facility has been constructed at village bangsora through an NGO, SHRI. c) A gift Milk system is under operation with NDDDB foundation for school going students of nearby villages to address the malnutrition COMPLIED.</p>
<p>(xxv) CSR schemes should address public hearing issues and shall be undertaken based on need assessment in and around the village's within 5 km of the site and in constant consultation with the village Panchayat and the District Administration. As part of CSR employment of local youth after imparting relevant training, as may be necessary, shall be undertaken as committed.</p>	<p>a) Sponsorship of 5 girl for skill development through Private ITI for Rs. 2 lacks b) BPSCL is supporting education of children with disability by bearing cost towards annual fee of 50 students of Asha-Lata Viklang Vikas Kendra, B.S.City. c) MoA entered for 'Swavalamban'-Employment linked training programme for unemployed youth with Construction Industry Development Council (CIDC) d) Gift Milk" scheme to address the issue of Malnutrition under which 7 Government school students are receiving 200 ml flavoured milk pouches was launched in association with NDDDB Foundation for Nutrition on 1st February 2018 and the project is operational on regular basis. e) A detailed work and expenditure has been uploaded on our website; www.bpscl.com. COMPLIED.</p>
<p>(xxvi) An amount of Rs 1.40 Crores shall be earmarked as one time capital cost for CSR program as committed by the project proponent. Subsequently a recurring expenditure of Rs 0.30 Crores per annum till the life of the planet shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within six month along with road map for implementation.</p>	<p>a) 115 Tracksuits have been distributed to players participating in PVKM sponsored for. b) Supplying and installing 50 nos of seating chair units (3 seater) in Bokaro General Hospital for Patients visiting the Hospital under National Health Program. c) Water ATMs at Bokaro Civil Courts (03), & Bokaro City College (02)</p>

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	<p>has been installed for project JAL AMRIT in collaboration with Eureka Forbes Institute of Environment (EFIE)</p> <p>d) SwasthyaKiran project, under which a Mobile Medical Unit (MMU) is operating successfully 5-Days a week in peripheral villages. Special health camps are being also observed.</p> <p>e) "Gift Milk" scheme to address the issue of Malnutrition for one year under which 7 Government school students are receiving 200 ml flavoured milk pouches was launched in association with NDDB Foundation for Nutrition on 1st February'2018 and the project is operational on regular basis.</p> <p>f) Supply and installation of one 62.5KVA Diesel Generator set (Kirloskar make) for Indian Red Cross Society Blood Bank, B.S.City. The DG set has been installed.</p> <p>g) In FY 2020-21 an expenditure of Rs. 197.90 lakh has been under taken by BPSCL. Copy attached.</p> <p>COMPLIED.</p>
<p>(xxvii) It shall be insured that an in-built monitoring mechanism for the CSR schemes identified is in place and annual social audit shall be got done for the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time. The achievements should be put on company's website.</p>	<p>BPSCL P&A section is looking after CSR of BPSCL. A senior level committee is present to monitor the progress of CSR activities. The achievements have been put on company's website- www.bpscl.com</p> <p>COMPLIED.</p>
<p>(xxviii) Green Belt consisting of 3 tiers of plantations of native species around planet comprising of 33% of planet area shall be raised (except in areas not feasible). The density of trees shall not less than 2500 per ha with survival rate not less than 80%.</p>	<ol style="list-style-type: none"> 1. Eco-friendly garden has been developed inside plant premises. Plantation works has been done on big scale. 2. More than 15000 trees were planted in and around the plant area. 3. The density of trees is more than 2500 and the survival rate is about 85%. 4. 150 kg of grass seed (Fistilo Hamata) planted in ash pond area for environment protection. Additionally, samplings of Kadam and bamboo trees are planted to develop the greenery. Regular plantation in and around peripheral areas are being carried out. 5. Tree saplings have been planted in ash pond and peripheral villages in this rainy season. 6. Power Plant is committed to maintain an eco-friendly environment. It is a continuous process and plant is adhering to this principle.

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	<p>7. A pilot project of plantation of vetiver grass on 5500 sqm of ash mound have been completed. Further a project of vetiver plantation over 8800 sqm is under pipeline..</p>
<p>(xxix) An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the head of the Cell shall directly report to the Head of the Organization.</p>	<p>A proper environment cell has been created and working accordingly.</p>
<p>(i) The treated effluents confirming to the prescribed standards only shall be re-circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.</p>	<p><u>COMPLIED</u> Effluent and storm water are linked to BSL system through separate channels and re-circulated for plant use through cooling ponds. ZLD is operational.</p>
<p>(ii) A sewage treatment plant shall be provided. (As applicable) and the treated sewage shall be used for raising greenbelt / plantation.</p>	<p><u>COMPLIED</u> Already in practice in our existing plant through BSL system.</p>
<p>(iii) Adequate safety measures shall be provided in the plant area to check / minimize spontaneous fires in coal yard especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.</p>	<p><u>COMPLIED.</u> a) Sufficient number of Fire Hydrants in conveyer gallery as well as in yard area has been provided. b) Static water tank at the distance of 15 m from coal yard which act as a reservoir for firefighting purpose. c) Fire station also available within the plant premises of Bokaro Steel Plant under common sharing basis. d) Regular watering and water sprinkling have been done in summer season. e) 2 Nos Dry Fog Dust Separation systems have already been commissioned and working. One was in CHP package of unit#9 and other was separately installed for better environment. Documents have already been submitted.</p>
<p>(iv) Storage facilities for auxiliary fuel such as LDO / HFO / LSHS shall be made in the plant area in consultation with department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.</p>	<p><u>COMPLIED.</u> Permission has obtained from Petroleum and Explosive safety Organization for Petroleum class C installation and disaster Management Plan has been prepared. A copy of the Disaster Management Plan and Details of analysis of liquid fuel have been already submitted.</p>
<p>(v) First Aid and sanitation arrangements shall be made for the drivers and</p>	<p><u>COMPLIED.</u> First Aid medical help, health Centre is available inside plant premises</p>

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	<p>other contract workers during construction phase.</p>	<p>for all contract workers and employees. COMPLIED.</p>
<p>(vi) Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85 dB (A) from source. For people working in the high noise area, Requisite personal protective equipment like earplugs / ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressor etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy / less noisy areas.</p>	<p>Noise level at turbine hall, compressor room and other area is monitored regularly and protective equipments like ear plugs and muffs are made available for regular use. Measurement value sheet attached. COMPLIED.</p>	
<p>(vii) Regular monitoring of ambient air ground level concentration of SO₂, NO_x, PM_{2.5}& PM₁₀ and Hg shall be carried out in the impact zone and records maintained. If any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional office of this Ministry. The data shall also be put on the website of the company.</p>	<p>Regular monitoring of ambient air ground level concentration of SO₂, NO_x, PM_{2.5}& PM₁₀ are being monitored and data is displayed at plant premises. Our plant is integral part of Bokaro Steel plant and its ambient air and Bokaro steel City are being displayed all data at factory main gate and township. The same is applicable to us as being in the same premises. The data have been putted on the website of the company www.bpscl.com COMPLIED.</p>	
<p>(viii) Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.</p>	<p>No such provisions were needed during the execution of project as the project site is near to township and all temporary structure are removed. COMPLIED.</p>	
<p>(ix) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the state Pollution control Board / Committee and may also be seen at website of the Ministry of Environment and forests at http://envfor.nic.in.</p>	<p>The advertisements regarding environmental clearance accorded for the projects are published in newspapers including local ones. COMPLIED.</p>	
<p>(x) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilaparisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions / representations, if any, received while processing the proposal. The clearance letter shall also be</p>	<p>Public hearing was conducted for suggestion and representation of local bodies for environment clearance of the project. A copy of clearance letter has been already submitted to Chas Municipal corporation. The Environment Clearance letter have been put on the</p>	

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	<p>put on the website of the Company by the proponent.</p>	<p>website of the company www.bpscl.com</p>
<p>(xi) The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored date on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM (PM_{2.5}& PM₁₀), SO₂, NOx (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>The environment statement for each financial year ending 31st March in From-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the environmental (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail</p>	<p><u>COMPLIED.</u></p> <p>Report of Pollutant parameters like SPM, SO₂, NOx for ambient and stack are sent to MOEF regional office, JSPCB and SPCB. The SPM, RSPM (PM_{2.5}& PM₁₀), SO₂, NOx have been displayed at the main gate of the company in the public domain.</p> <p><u>COMPLIED</u></p>
<p>(xii) The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.</p>	<p>The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.</p>	<p>Environment statement for each financial year ending 31st March in From-V is being sent to state Pollution Control Board and Regional offices of MOEF. Also the report is put on the website.</p> <p><u>COMPLIED.</u></p> <p>Reports are being sent to regional office and pollution board office regularly.</p> <p><u>COMPLIED.</u></p>
<p>(xiv) Regional Office of the Ministry of environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact assessment Report and Environmental Management plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria Pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.</p>	<p>Six monthly reports are being sent to the regional office of ministry with documents in support including EMP and EIA. Ambient Pollution parameters are displayed at factory main gate where the power plant is situated.</p> <p><u>COMPLIED.</u></p>	<p>Environment statement for each financial year ending 31st March in From-V is being sent to state Pollution Control Board and Regional offices of MOEF. Also the report is put on the website.</p> <p><u>COMPLIED.</u></p> <p>Reports are being sent to regional office and pollution board office regularly.</p> <p><u>COMPLIED.</u></p> <p>Six monthly reports are being sent to the regional office of ministry with documents in support including EMP and EIA. Ambient Pollution parameters are displayed at factory main gate where the power plant is situated.</p> <p><u>COMPLIED.</u></p>

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(xv) Separate funds shall be allocated for implementations of environmental protection measures along with item wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.	Separate budgetary allocation is being made for environment protection measures. COMPLIED.
(xvi) The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Plant already commissioned in Sept 2014. Financial closure is yet to be done. Regional office and ministry will be informed accordingly COMPLIED.
(xvii) Full cooperation shall be extended to the Scientists / Officers from the Ministry /Regional Office of the Ministry /CPCB/SPCB who would be monitoring the compliance of environmental status.	All sorts of cooperation to different agencies being extended at all times. Further Cooperation is assured as and when required for monitoring of compliance of environment status. COMPLIED.

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A.K.D.
24/06/2022

CGM./Environment

A. K. DAS
C.G.M. (MM, Civil & Environment)
Bokaro Power Supply Co. (P) Ltd.
(A Joint Venture of SAIL & DVC)
Bokaro Steel City



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

श्री मोहन, तीसरा माला सीता परिसर, मैन रोड, सुशीला ऑटोमोबाइल के पीछे
रांची - 834001Sri Mohan, 3rd Floor, Sita Compound, 5 Main Road, Behind Sushila Automobiles
Ranchi - 834001

E-mail: dycceranchi@explosives.gov.in

Phone/Fax No: 651 - 2332689, 2332690, 2332688

संख्या /No: PIHQ/JH/15/30 (P9288)

दिनांक /Date: 04/12/2018

सेवा में /To:

THE DY. GENERAL MANAGER, I/c (POWER PLANT),
BOKARO POWER SUPPLY CO. (P) LTD, Hall No - M01, O,
BOKARO STEEL CITY,
BOKARO,
Bokaro Steel City,
Taluka: Jaridih,
District: BOKARO,
State: Jharkhand
PIN: 827001

11 DEC 2018

विषय /Sub Plot No. NA, BOKARO STEEL CITY, BOKARO STEEL CITY, District: DHANABAD, State: Jharkhand, PIN: 999999 में स्थित विद्युत्गत पेट्रोलियम
क्लास C स्थापना में अनुमति सं PIHQ/JH/15/30 (P9288) के नवीकरण के संबंध में
Existing Petroleum Class C Installation at Plot No, NA, BOKARO STEEL CITY, BOKARO STEEL CITY, District: DHANABAD, State: Jharkhand,
PIN: 999999 - Licence No. P/HQ/JH/15/30 (P9288) - Renewal regarding

सार्थक /Sir
(S).

कृपया आपके धन कमाक OIN224151 दिनांक 24/10/2018 का अवलोकन करें।
Please refer to your letter No. OIN224151 dated 24/10/2018

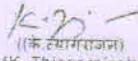
अनुमति संख्या PIHQ/JH/15/30 (P9288) दिनांक 19/09/1981 को दिनांक 31/12/2023 तक नवीकृत कर इस पर के साथ अद्यतन की जा रही है।
Licence No. P/HQ/JH/15/30 (P9288) dated 19/09/1981 is forwarded herewith duly renewed upto 31/12/2023

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें। अनुमति के नवीकरण हेतु सम्बन्धित दस्तावेजों को
अनुमति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व कार्यालय को पेश करें।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the
licence so as to reach this office on or before the date on which Licence expires.

कृपया राबसी दें।
Please acknowledge the receipt.

भवदीय /Yours faithfully


(K. Thiagarajan)
(K. Thiagarajan)
उप मुख्य विस्फोटक नियंत्रक
Dy. Chief Controller of Explosives
रांची/Ranchi

(अधिक जानकारी जैसे आवेदन की स्थिति शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट <http://peso.gov.in> देखें।
(For more information regarding status fees and other details please visit our website <http://peso.gov.in>)

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं (Licence No.) P/HQ/JH/15/30(P9288)

फीस रूप (Fee Rs.) 50000/- per year

THE DY. GENERAL MANAGER, I/c (POWER PLANT), BOKARO POWER SUPPLY CO. (P) LTD, Hall No - M01, O, BOKARO STEEL CITY, BOKARO, Bokaro Steel City, Taluka: Jaridih, District: BOKARO, State: Jharkhand, PIN: 827001 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 4500.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/JH/15/30(P9288) तारीख 04/12/2018 जो कि इससे उपाबद्ध है, में दिखाए गए स्थान पर भण्डारण के लिए पेट्रोलियम अधिनियम 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए यह अनुज्ञप्ति अनुदत्त की जाती है।

Licence is hereby granted to THE DY. GENERAL MANAGER, I/c (POWER PLANT), BOKARO POWER SUPPLY CO. (P) LTD, Hall No - M01, O, BOKARO STEEL CITY, BOKARO, Bokaro Steel City, Taluka: Jaridih, District: BOKARO, State: Jharkhand, PIN: 827001 valid only for the importation and storage of 4500.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/JH/15/30(P9288) dated 04/12/2018 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence

यह अनुज्ञप्ति 31st day of December 2023 तक प्रवृत्त रहेगी।
The Licence shall remain in force till the 31st day of December 2023

पेट्रोलियम का विवरण /Description of Petroleum

अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL

वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	4500.00 KL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	4500.00 KL

September 19, 1981

Sel
Chief Controller of Explosives

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टता सामान अनुमोदित नक्शों में दिखाई गई हैं Plot No: NA, BOKARO STEEL CITY, BOKARO STEEL CITY, District: DHANABAD, State: Jharkhand, PIN: 999999 स्थान पर अवस्थित है तथा उसमें निम्नलिखित SIX A/G STROAGE TANKS CLASS C TOGETHER WITH CONNECTED FACILITY, सम्मिलित हैं।

The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: NA, BOKARO STEEL CITY, BOKARO STEEL CITY, District: DHANABAD, State: Jharkhand, PIN: 999999 and consists of SIX A/G STROAGE TANKS CLASS C TOGETHER WITH CONNECTED FACILITY, together with connected facilities

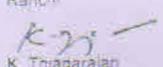
पेज नं. 2

अनुमति संख्या-(Licence No.) PI/HQ/JH/15/30 (P9288)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, 1938 के उपबन्धों या उनके अधीन
बनाए गए नियमों या इस अनुमति की शर्तों का
उल्लंघन न होने की दशा में यह अनुमति किस भी बिना
किसी छूट के दस वर्ष तक नवीकृत की जा सकती है।
This licence shall be renewable without any
concession in fee for ten years in the absence of
contravention of any provisions of the Petroleum
Act, 1934 or of the rules framed thereunder or of any
of the conditions of this licence.

नवीनीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुमति प्राप्त अधिकारी के हस्ताक्षर और स्थान Signature and office stamp of the licensing authority
---	--	--

1)	02/08/2005	31/12/2007	Sd/- Dr. A.P. Singh
2)	01/01/2008	31/12/2010	Sd/- Dr. A.P. Singh
3)	26/11/2010	31/12/2013	Sd/- Dr. R. K. Rathore
4)	20/12/2013	31/12/2018	Sd/- Ashok Kumar Dalela Controller of Explosives For Dy. Chief Controller of Explosives Ranchi
5)	04/12/2018	31/12/2023	 K. Thiagarajan Dy. Chief Controller of Explosives Ranchi

यदि अनुमति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाए जाते हैं और जिन नियमों और शर्तों के अधीन यह अनुमति मंजूर की गई है
उसमें से किसी का उल्लंघन होने की दशा में यह अनुमति रद्द की जा सकती है और अनुमतिधारी परिसर अध्याय के लिए हस्ताक्षर व्यवधान से जो एक मास
तक हो सकता है या जुर्माने से जो एक हजार रुपये तक हो सकता है या दोनों से और पर्येक पश्चात्तवर्ती अपराध के लिए सजायण कारावास से जो तीन मास
तक हो सकता है या जुर्माने से जो पांच हजार रुपये तक हो सकता है या दोनों से दण्डनीय होगा।
This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached
hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for
the first offence with simple imprisonment which may be extend to one month or with fine which may extend to one thousand rupees, or with both
and for every subsequent offence with simple imprisonment which may extend to three months or with fine which may extend to five thousand
rupees or with both.

Letter No. 7/F/P 1055 /2020 अतिरिक्त(मुद्रांकित)- 02
OFFICE OF THE CHIEF INSPECTOR OF FACTORIES, JHARKHAND, RANCHI.
LABOUR BUILDING, DORANDA, RANCHI-834002
(Tel.No.-0651-2480454, Email ID- cifoffice123@gmail.com)

From,
Chief Inspector of Factories, Jharkhand,
Ranchi.

To,
The Occupier,
M/s Bokaro Power Supply Company (P) Ltd.,
Ispat Bhawan, Bokaro Steel City,
District-Bokaro- 827001.

Ranchi, Dated 04-01-2021

Subject: Recommendation of on site Emergency Plan M/s Bokaro Power Supp Company (P) Ltd., Ispat Bhawan, Bokaro Steel City, Bokaro

Reference: Your letter dated-21.12.2020.

Sir,

This has reference to your letter dated: 21.12.2020. The submitted emergency response plan has been verified and examined. The above on site emergency plan is recommended Subject to the following conditions: -

1. Regular Mock- drill shall be carried out in the factory at least once in every year and the report shall be made available to the area Inspector of Factories and Chief Inspector of Factories.
2. The safety audit shall be conducted by an experienced & competent person from outside the factory. The safety audit report, health & safety policy, Hazard analysis report & fire load calculation report shall be submitted at prescribed period.
3. The Emergency Plan will be up-dated and revised as per modification in the plant.
4. Adequate arrangement of medical/relief facilities (first aid equipments etc.) shall be provided and maintained in the emergency control room.
5. Telephone number of key persons to be noted and displayed in the central control room.

A copy of the recommended plan is enclosed herewith.

Yours faithfully,

(Signature)
04.01.2021
Chief Inspector of Factories, Jharkhand,
Ranchi

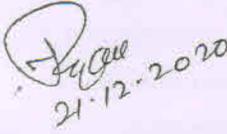
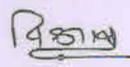
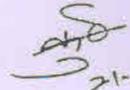
बोपाबंकलि
B P S C L

DISASTER MANAGEMENT PLAN

(ONSITE EMERGENCY PLAN and DISASTER
CONTROL & MANAGEMENT PLAN)

POWER PLANT/BPSCL (A Joint Venture of SAIL & DVC)

In compliance with provisions stipulated under Section- 41 B (4) of the Factories Act, 1948(as amended in 1987) and Rule13 (1) of MSIHC Rules1989(1994, 2000)

Controlled by	Issued by	Approved by
 21.12.2020 (N. Pattanayak)	 21.12.2020	 21.12.2020
Head of Safety & Fire	Chief General Manager I/C(PP)	Chief Executive Office

The Disaster Management Plan is hereby approved.

Chief Inspector of Factories Jharkhand,
Government of Jharkhand



Government of Jharkhand

FACTORY INSPECTION DEPARTMENT

(Department of Labour, Employment, Training Development)

LICENCE

Under Rule 4 to 10 of the Jharkhand Factories Rule 1950 and Section 6(1) of the factories Act, 1948

Application ID – FCA15121500413

Licence No – FCA1535500137401

1. Name of the Factory: BOKARO POWER SUPPLY COMPANY (P) LTD.

2. Licence valid up to: 31st December 2020

3. Full Address of Factory

Address: HALL NO, M-01, OLD ANM BUILDING
ISPAT BHAWAN SOKARO STEEL CITY

Landmark:

Post Office : B.S.CITY

Police Station: CITY THANA

Block : CHAS

District: BOKARO

State: JHARKHAND

PIN Code: 327001

4. Name of Occupier: SUBRATA CHATTOPADHYAY

4a. Type of organising body: OWNED / CONTROLLED BY CENTRAL / STATE GOVT /

LOCAL AUTHORITY

5. Maximum number of persons to be employed on any day: 5000 Fee Details: 1262000 only/-

6. Total installed capacity (Not Exceeding)-

(a.) In Horsepower [Other than (b)]: 506989 H.P.

(b.) In case of Electricity generating,

Generating and Transforming Station: - D.G.SET: 400 K.W. Transformer: 398000 K.W.

SD/-

INSPECTOR OF FACTORIES

CIRCLE-1, BOKARO

Approval Date: 29/12/2015

(सेल पूर्व डी.वी.सी. का एक संयुक्त उपक्रम)
हॉल सं.-एम-01, पुराना प्रशासनिक भवन,
इस्पात भवन, बोकारो स्टील सिटी-827001
दूरभाष : 06542-223747 (का. एवं प्र.) 240380 (क्र. एवं सं.)
फैक्स : 06542-247062, 246101 (पावर प्लान्ट)

बोकारो
B P S C L

CIN : U40300DL2001PTC112074

(A Joint venture of SAIL & DVC)
Hall No. M-01, Old ADM Building,
Ispat Bhawan, Bokaro Steel City - 827001
Tel : 06542-223747 (P&A), 240380 (P&C)
Fax : 06542-247062, 246101 (Power Plant)

BPSCL/Environment/06/625

To

The Asst. municipal commissioner
Chas Nagar Nigam.
D S P Colony, Shivpuri Colony, Chas,
Jharkhand 827013



Date:

Sub: Submission of Environment Clearance (EC) for information

Sir,

Kindly find attached herewith Environment Clearance no. J 13012/74/2010-IA.II(T) dated 3rd April 2012 for Unit#9 of Bokaro Power supply Co. (P) Ltd. This is for your information as per the compliance requirement of EC clauses.

Regards.

For & on behalf of BPSCL
Yours sincerely

13/02/21
(A K Das)

GM (MM, CED & Env)

Cc:

1. CEO
2. CGM I/C(PP)
3. CGM(Projects)
4. O/C



[M O D E L - C (ACQ>4,00,000 tpa)]

COAL SUPPLY AGREEMENT

BETWEEN

BHARAT COKING COAL LIMITED (BCCL)

AND

**BOKARO POWER SUPPLY COMPANY (P)
LIMITED (BPSCL)**

5th June, 2018

[Effective Date: 01.05.2018]

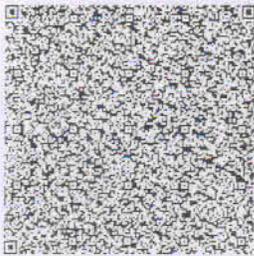


सत्यमेव जयते

INDIA NON JUDICIAL
Government of Jharkhand

e-Stamp

Certificate No.	:	IN-JH09836491882145Q
Certificate Issued Date	:	04-Jun-2018 01:30 PM
Account Reference	:	SHCIL (FI)/ jhshcil01/ BOKARO/ JH-BK
Unique Doc. Reference	:	SUBIN-JHJHSHCIL0113710783302380Q
Purchased by	:	A K NAYAK
Description of Document	:	Article 5 Agreement or memorandum of an Agreement
Property Description	:	AGREEMENT
Consideration Price (Rs.)	:	100 (One Hundred only)
First Party	:	A K NAYAK
Second Party	:	BCCL
Stamp Duty Paid By	:	A K NAYAK
Stamp Duty Amount(Rs.)	:	100 (One Hundred only)



This Agreement is made on 5th day of June, 2018 between **Bharat Coking Coal Limited (BCCL)**, a Company registered under Companies Act, 1956 and having its registered office at **Koyla Bhawan, Koyla Nagar, Dhanbad (Jharkhand) – 826005** hereinafter called the "Seller" (which expression shall unless excluded by or repugnant to the subject or context, include its legal representatives, successors and permitted assigns) of the one part,

AND

Bokaro Power Supply Company (P) Limited (BPSCL), a company registered under the Companies Act, 1956 and having its registered office at **Ispat Bhawan, Lodi Road, New Delhi – 110003** and office address at **Hall No. M-01, old ADM Building, Ispat Bhawan, Bokaro Steel City**

(Signature)

0000977529

hereinafter called the "Purchaser" (which term shall unless excluded or repugnant to the subject or context include its legal representatives, heirs, successors and permitted assigns) of the other part.

Whereas the Purchaser has requested the Seller for supply of Coal to **Bokaro Power Supply Company (P) Limited, Bokaro Steel City** of the Purchaser (as per details contained in Schedule-I to this Agreement) and the Seller has agreed to make such supplies on the terms and conditions set out hereafter.

Now, therefore, in consideration of the agreement and covenants hereafter set forth and intending to be legally enforceable, the Seller and the Purchaser (each individually a Party hereto and collectively the Parties) hereby covenant and agree as follows:

1. **DEFINITIONS:**

- a) "**Agreement**" means this Coal supply agreement including all its Schedules, Annexure and attachments and subsequent amendments as may be issued in accordance with the terms and conditions hereof.
- b) "**Annual Contracted Quantity**" or "**ACQ**" shall have the meaning as ascribed to it in Clause 4.1
- c) "**Applicable Laws**" means all laws, brought into force and effect by the Government of India ("GoI") or the State Government including rules, regulations and notifications made thereunder, and judgements, decrees, injunctions, writs and orders of any court of record, applicable to either Seller/CIL or the Purchaser, their obligations or this Agreement from time to time.
- d) "**As Delivered Price of Coal**" shall have the meaning ascribed to it in Clause 10.1
- e) "**Base Price**" shall mean, in relation to a Declared Grade of Coal produced by Seller, the pithead price notified from time to time by CIL or Seller, as the case may be; and in relation to Imported Coal, wherever applicable, shall mean its landed price intimated by CIL or the Seller, as the case may be.
- f) "**Business Day**" shall mean each Monday, Tuesday, Wednesday, Thursday, Friday and Saturday that is not declared a holiday in the State of **Jharkhand** under the Negotiable Instruments Act, 1981.
- g) "**Coal**" means non-coking as well as coking coal, produced by the seller domestically and categorized into different classes, *GCV bands*, grades and sizes, as per the notification/order issued for such purpose by Government of India (GoI)/CIL/ Seller and shall, where the context so requires, include Imported Coal.

- h) **"CIL"** means Coal India Limited, the holding company of the Seller, having its registered office at 10, Netaji Subhash Road, Calcutta 700 001, India.
- i) **"Declared Grade"** means the particular grade(s) under different categories / as defined at 1.(t)/ of Coal mined from any seam or section of a seam in the Seller's collieries from which Coal is produced and supplied under this Agreement, as declared by CIL or the Seller..
- j) **"Delivery Point"** means any of the colliery sidings or colliery loading points, as the case may be, in the designated coal mine of the Seller as per Schedule-I, and/ or the location(s)/ port(s) identified by the Seller at which the Seller delivers Imported Coal in accordance with the terms of this Agreement.
- k) **"Effective Date"** shall have the meaning ascribed to it in Clause 2.1.
- l) **"Imported Coal"** shall mean non-coking as well as coking coal, sourced internationally and categorized for quality, as per international norms for such purpose.
- m) **"Level of Delivery"** shall have the meaning ascribed to it in Clause 4.7.
- n) **"Level of Lifting"** shall have the meaning ascribed to it in Clause 4.8.
- o) **"Month"** shall mean a calendar month.
- p) **"Prime Lending Rate"** or **"PLR"**: shall mean the prime lending rate of State Bank of India as applicable on the due date of payment by the Purchaser.
- q) **"Performance Incentive"** shall have the meaning ascribed to it in Clause 4.11.
- r) **"Quarterly Quantity"** or **"QQ"** shall have the meaning ascribed to it in Clause 4.4.
- s) **"Year"** means the financial year of the Seller, commencing on April 1st and ending on the following March 31st and **"Quarter"** means the respective three-monthly periods, namely April to June, July to September, and so on.
- t) **"Grade"** means the grade/class in which the coking and non-coking coal are categorized and/or to be categorized in terms and in accordance with the relevant notification issued by the Seller and/or by Govt. of India and published in the public domain and/or the Gazetter of India, as applicable. The basis of grading for different categories of coal are as under:
- i) Non Coking Coal : based on GCV bands
 - ii) Coking Coal : based on Ash percentage



iii) Semi Coking Coal : based on (Ash+Moisture) percentage

- u) **"Third Party"**: The agency appointed for collection, preparation and analysis of coal samples at loading points and relevant documentation.

2. **PERIOD OF AGREEMENT:**

- 2.1 This Agreement shall come into force with effect from the first day of the month that is immediately succeeding the month in which both the Parties sign this Agreement (the **"Effective Date"**). **The effective date for this agreement is 1st May 2018.**
- 2.2 This Agreement shall, unless terminated in accordance with the terms hereof, remain in force for a period of **five (5) years** from the Effective Date.
- 2.3 After completion of three (3) years from the Effective Date, either Party may, by prior written notice to the other Party for period not less than 30 days, seek a review of this Agreement. Notwithstanding, the ACQ shall be revised to the highest of the quantities booked by the Purchaser in such three (3) years for the remaining two (2) years of the Agreement subject to average Level of Lifting(LL) by the Purchaser (as calculated in accordance with Clause 4.8) in the last three (3) years being less than eighty percent (80%). It is expressly clarified that no such revision in ACQ shall take place if the average Level of Lifting (LL), as per the foregoing, is greater than eighty percent (80%).
- 2.4 Notwithstanding the provisions of Clause 2.2 above, in the event of any change in the grade structure of Coal, the Seller shall within seven (7) days of introduction of such change provide a written notice to the Purchaser calling for a joint review and upon such joint review this Agreement shall be duly amended in writing to bring it in full conformity with such change.
- 2.5 If the review in terms of Clause 2.3 does not result in a mutually agreed position with respect to the subject matter of review, this Agreement shall nevertheless continue to be in force. However, if despite further efforts the Parties are unable to arrive at a mutually agreed position with respect to the subject matter of review, within a period of nine (9) months from the date of notice in terms of Clause 2.3, the aggrieved Party shall have the right to terminate the Agreement subject to a further notice of three (3) months given in writing to the other Party.
- 2.6 On completion of five (5) years from the Effective Date, this Agreement shall expire unless both the Parties mutually agree in writing to extend the Agreement, on the same or such terms as may be agreed upon by the Parties.

3. **Security Deposit (SD)**

- 3.1 The Purchaser shall deposit with the Seller a sum of **Rs.11,75,76,000/- (Indian Rupees Eleven Crores Seventy Five Lacs Seventy Six Thousand Only)** equivalent

(Signature)

(Signature)

(Signature)

(Signature)

to six percent (6%) of the Base Price of such Grade of Coal, as described in Schedule-II to this Agreement, prevalent on the date of deposit multiplied by ACQ, as Security Deposit (SD), in cash / Bank Guarantee on or before the signing of this Agreement. In case of multiple Grades indicated in Schedule-II, the highest Grade shall be considered for the purpose of calculation of SD without any commitment whatsoever to supply such Grade of Coal. Such Security Deposit shall be non-interest bearing. [In case the SD is in the form of a bank guarantee the same shall be provided in the enclosed format ("SD Bank Guarantee") with this Agreement at Schedule-III.]

- 3.2 The Purchaser shall deposit at least one half of the amount of Security Deposit before the Effective Date and the balance amount shall be deposited within three (3) months of the Effective Date. Failure to submit the balance amount within three (3) months of the Effective Date, as aforementioned, shall entitle the Seller to adjust the ACQ such that it is commensurate with the Security Deposit submitted by the Purchaser. Accordingly, the Purchaser has furnished **Rs.11,75,76,000/- (Indian Rupees Eleven Crores Seventy Five Lacs Seventy Six Thousand Only)** towards hundred percent (100%) of the Security Deposit amount stipulated in Clause 3.1 above.
- 3.3 The SD submitted by the Purchaser, as per Clause 3.2 above, shall remain valid till three (3) months from the expiry of this Agreement.
- 3.4 The value of the Security Deposit shall be suitably increased / decreased to match the changes in the Base Price notified by the Seller from time to time. In the event of failure of the Purchaser to provide such increased value within thirty (30) days from the date of notification of such change in Base Price, the Seller shall have the right to suspend the Coal supplies. If additional SD due to such increase in the Base Price of Coal is submitted by way of additional bank guarantee, the period of validity of such bank guarantee shall be the same as that of the initial SD Bank Guarantee furnished in terms of clauses 3.1 to 3.3 above. Alternatively, the amount of the initial SD Bank Guarantee may be increased by an amendment so as to cover the increased value of SD resulting from the change in the Base Price.
- 3.5 The Security Deposit shall be refundable to the Purchaser at the end of its validity subject to successful completion of and complete settlement of all claims of Seller arising out of this Agreement.
- 3.6 The Purchaser shall ensure that the Security Deposit stands replenished within seven (7) days of drawl of funds by the Seller in accordance with the provisions of this Agreement. Failure to replenish the Security Deposit within such stipulated period shall entitle the Seller to suspend its Coal supplies without absolving the Purchaser of its obligations under this Agreement.
- 3.7 In the event of termination of the Agreement by the Seller in accordance with

Clause 16.1.4 to 16.1.8, the Seller shall be entitled to forfeit the Security Deposit of the Purchaser in addition to any other rights vested with the Seller upon such termination.

4. **QUANTITY:**

4.1 **Annual Contracted Quantity (ACO):**

The Annual Contracted Quantity of Coal agreed to be supplied by the Seller and undertaken to be purchased by the Purchaser, shall be **5,52,000 tonnes** per Year from the Seller's mines in the **BCCL** coal field and/ or from international sources. For part of Year, the ACQ shall be prorated accordingly.

4.2 **End-use of Coal**

The total quantity of Coal supplied pursuant to this Agreement is meant for use at the **Bokaro Power Supply Company (P) Limited, Bokaro Steel City** as listed in Schedule-I. The Purchaser shall not sell/divert and/or transfer the Coal for any purpose whatsoever and the same shall be treated as material breach of Agreement. In the event that the Purchaser engages or plans to engage into any such resale or trade, the Seller shall terminate this Agreement forthwith without any liabilities or damages, whatsoever, payable to the Purchaser. It is expressly clarified that the Seller shall reserve the right to verify including the right to inspect/ call for any document from the Purchaser and physically verify the end-use of Coal and satisfy itself of its authenticity. The Purchaser shall have the obligation to comply with the Seller's directions/ extend full co-operation in carrying out such verification/ inspection.

4.3 **Sources of Supply**

Seller shall supply Coal from sources as mentioned in Schedule I. In case the Seller is not in a position to supply the Scheduled Quantity from such sources, the Seller shall have the option to supply the balance quantity from alternate source, including Imported Coal. Further, in case of alternate sources, Purchaser shall accept Coal directly from such alternate source through Indian railway system and / or by alternate modes of transport depending upon operational flexibility and at such Delivery Point as decided by the Seller. Additional cost due to supply through alternate source including the inland logistics cost of Imported Coal shall be borne by the Purchaser.

Notwithstanding the grades of coal agreed to be supplied by the Seller under this agreement as per Schedule II, the Seller may supply domestic coal falling between G1 to G4 Grades for 25% of ACQ quantity, wherever available.

4.4 **Quarterly Quantity (QQ)**

The Annual Contracted Quantities for the Year, as per **Schedule - I**, shall be divided into Quarterly Quantities (QQ), expressed in tonnes, as follows:

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Ist Quarter (Apr-Jun.)	25% of ACQ
IIInd Quarter (Jul-Sep)	22% of ACQ
IIIrd Quarter (Oct-Dec)	25% of ACQ
IVth Quarter (Jan-Mar)	28% of ACQ

4.5 Scheduled Quantity (SQ):

- 4.5.1 The monthly Scheduled Quantity (SQ) shall be one third (1/3rd) of the QQ.
- 4.5.2 Either the Purchaser or the Seller by serving a written Notice at least 30 days prior to the commencement of a month, may revise the SQ to be supplied by the Seller in that month, provided that the increase/ decrease resulting from such revision shall not be in excess of 5% of the SQ.
- 4.5.3 Seller shall have the right to make good the short supplies in a particular month in the succeeding month(s) of the same Quarter to the extent of 5% of the SQ. Similarly, Purchaser shall have the right to make good the short lifting in a particular month in the succeeding months of the same Quarter to the extent of 5% of the SQ.
- 4.5.4 Total variation in any Month pursuant to clauses 4.5.2 and 4.5.3 shall in no case exceed 10% of the SQ.
- 4.5.5 In no case shall there be any variation permitted in respect of QQ either by the Purchaser or Seller.
- 4.5.6 The sum total of SQ during any Quarter, including any revision allowed hereof, shall not exceed the QQ of the concerned Quarter.

4.6 Compensation for short delivery/lifting

- 4.6.1 If for a Year, the Level of Delivery by the Seller, or the Level of Lifting by the Purchaser falls below 100% with respect to that Year, the defaulting Party shall be liable to pay compensation to the other Party for such shortfall in Level of Delivery or Level of Lifting, as the case may be, ("**Failed Quantity**") in terms of the following :

S.No.	Level of Delivery / Lifting of Coal in a Year	Rate of compensation for the Failed Quantity in terms of Weighted Average Base Price of grades of coal supplied, as shown in Schedule II
1	Less than 100% but upto 60% of ACQ	NIL
2	Below 60% of ACQ	10%

Notes:

- (i) The compensation for the Failed Quantity payable shall be the aggregate of

ACQ

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the compensation worked out separately with respect to each of the two levels provided in the table above, to be computed as per the income tax system.

(ii) The Level of Delivery/ Level of Lifting that would cause compensation for the Failed Quantity payable by the defaulting Party, as mentioned in the table above, may be reviewed by the Seller in light of its Coal availability and Coal commitments, and amended accordingly on year-to-year basis at the sole discretion of the Seller during the term of the Agreement.

4.6.2 Compensation for short supply/lifting shall be payable by the defaulting Party to the other Party within a period of 90 days from the date of receipt of claim. In the event of non-payment within the due date, the defaulting Party shall be liable to pay interest as mentioned in the Clause 13.

4.7 **Level of Delivery:**

Level of Delivery with respect to a Year shall be calculated in the form of percentage as per the following formula:

$$\text{Level of Delivery (LD)} = \frac{(\text{DQ} + \text{DDQ} + \text{FM} + \text{RF}) \times 100}{\text{ACQ}}$$

Where:

LD = Level of Delivery of Coal by the Seller during the Year.

DQ = Delivered Quantity, namely, aggregate actual quantities of Coal delivered by the Seller during the Year

DDQ = Deemed Delivered Quantity, reckoned in the manner stated in Clause 4.10

FM = Proportionate quantity of Coal which could not be delivered by the Seller in a Year due to occurrence of Force Majeure event affecting the Seller and / or the Purchaser, calculated as under:

$$\text{FM} = \frac{\text{ACQ} \times \text{Number of days lost under applicable Force Majeure event}}{365}$$

Note: For the purpose of calculation of 'Number of days lost under applicable Force Majeure event', affecting both the Parties shall be counted only once.

RF = Quantity of Coal that could not be supplied by the Seller during the Year owing to the Railways not allotting wagons or not placing wagons for loading, in spite of specific valid indent/offer submitted by the Seller to the Railways against valid program(s) submitted by the Purchaser for the purpose.

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4.8 **Level of Lifting:**

Level of Lifting with respect to a Year shall be calculated in the form of percentage as per the following formula:

$$\text{Level of Lifting (LL)} = \frac{(\text{ACQ} - \text{DDQ}) \times 100}{\text{ACQ}}$$

Where:

LL = Level of Lifting of Coal by the Purchaser during the Year.

DDQ shall have the same meaning as given in Clause 4.10.

4.9 For the purpose of computing DDQ and RF, the weight per rake will be that declared by the Seller for any rake-load for the purpose of financial coverage under clause 11.2. The weight so derived will be used for calculation of compensation from either Purchaser or Seller.

4.10 **Deemed Delivered Quantity:**

For the purpose of this Agreement, the aggregate of the following items provided under clause 4.10.1 to 4.10.2 shall constitute the Deemed Delivered Quantity with respect to a Year.

4.10.1 **For supply of Coal by rail:**

- i/ The quantity of Coal not supplied by the Seller owing to omission or failure on the part of Purchaser to submit in advance the designated rail program (s) to the Seller as per agreed time-table with respect to the Scheduled Quantity.
- ii/ The quantity of Coal not supplied by the Seller owing to cancellation, withdrawal or modification of the rail program(s) by the Purchaser after its submission whether before or after allotment of wagon(s) by Railways.
- iii/ The quantity of Coal not supplied by the Seller owing to Seller exercising the right of suspension of supplies in terms of Clause 14.
- iv/ The quantity of Coal not supplied by the Seller owing to Purchaser failing or omitting to fulfill the requirements under Clause 11.
- v/ "The quantity of coal offered by seller from alternative sources including higher grades of coal from domestic sources, wherever available, which is not accepted by the Purchaser shall also qualify as Deemed Delivery Quantity.

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4.10.2 **For Supply of Coal by road:**

- i/ The quantity of Coal not supplied by the Seller owing to omission or failure on the part of Purchaser to book value paid orders for the Scheduled Quantity in terms of Clause 7.2.2.
- ii/ The quantity of Coal not supplied by the Seller owing to Purchaser's failure to place the requisite number / type of road transport at the Delivery Point for delivery of Coal within the validity period of the sale order/delivery order.
- iii/ "The quantity of coal offered by Seller from alternative sources including higher grades of coal from domestic sources, wherever available, which is not accepted by the purchaser shall also qualify as Deemed Delivery Quantity".

4.10.3 Deemed Delivered Quantity in terms of Clause 4.10.1 and 4.10.2 shall be calculated on cumulated monthly basis during a Year.

4.11 **Performance Incentive:**

4.11.1 If the Seller delivers Coal to the Purchaser in excess of ninety (90%) of the ACQ in a particular Year, The Purchaser shall pay the Seller an incentive ("Performance Incentive"/ "PI"), to be determined as follows:

$$PI = P \times \text{Additional Deliveries} \times \text{Multiplier}$$

Where:

PI = The Performance Incentive payable by the Purchaser to the Seller

P = The **Weighted Average Base Price of grades of coal supplied**, as shown in Schedule II

Additional Deliveries = Actual Quantity [in tonnes] of Coal delivered by the Seller in the relevant Year in excess of 90% of the ACQ.

Multiplier shall be 0.15 for Additional Deliveries between 90%-95% of ACQ and 0.30 for Additional Deliveries in excess of 95% of ACQ.

4.11.2 With respect to part of Year in which term of this Agreement begins or ends, the relevant quantities in Clause 4.11.1, except the Multiplier, shall apply pro-rata.

4.11.3 Within thirty (30) days of expiry of a Year, the Seller shall submit an invoice to the Purchaser with respect to the PI payable in terms of Clause 4.11.1 and the

Purchaser shall pay the amount so due within thirty (30) days of the receipt of the invoice. In the event of non-payment of PI by the due date, the Seller shall have the right to suspend Coal supplies without absolving the Purchaser of its obligations under this Agreement.

5. **QUALITY:**

- 5.1 The quality of the Coal to be supplied from the mines of the Seller shall, as far as possible, be within the specifications as per Schedule-II to this Agreement. The Seller shall take all reasonable steps to remove stone, shale and extraneous matters before the loading of the Coal.
- 5.2 If the quality of the Coal supplied from the mines of the Seller i.e. the grade, as determined in terms of Clause 8 hereinafter, falls beyond the limits as specified in Schedule II, the same shall be dealt with in accordance with Clause 8.
- 5.3 The Seller shall make adequate arrangements to assess the quality and monitor the same to endeavour that Coal having GCV less than 2200 K Cal/kg is not loaded into Purchaser's containers
- 5.4 The Purchaser shall inform the Seller all incidents of presence of oversized Coal, in terms of specifications laid down in Column - (iv) of Schedule -II, in any specific consignment, immediately on its detection at the Delivery Point and the Seller, shall take all reasonable steps to prevent such occurrence at his end.
- 5.5 The Purchaser shall inform the Seller all incidents of presence of stones in any specific consignment immediately on its detection at the Delivery Point. The Seller shall, immediately take all reasonable steps to prevent such occurrence at his end.

6. **WEIGHTMENT OF COAL:**

- 6.1 When Coal is delivered for despatch by rail, each wagon shall be weighed at the weigh bridge at the Delivery Point and the recorded weight shall be entered in the relevant dispatch document. Such recorded weight shall form the basis for raising bills by the Seller. The weightment shall be on wagon to wagon basis in the manner described hereinafter.
- 6.1.1 In case wagons are weighed on electronic weigh bridge the weight recorded in the computerized print out shall be taken as the weight for the respective wagon. In the absence of computerized print out facility, the weight as certified by the Railways shall be reckoned as weight and shall be binding on the Parties.
- 6.1.2 In the absence of electronic weighbridges, the weightment shall be done on the mechanical weighbridges at the Delivery Point.

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- 6.1.3 In the cases not covered by Clauses 6.1.1 or 6.1.2, weight recorded on the Railway Receipt (RR) as per existing practice of Railways shall be reckoned as weight and shall be binding on the Parties. However, the wagons will be loaded up to the permissible capacity fixed by Railways for such wagons on the basis of volumetric measurement.
- 6.1.4 The Purchaser shall be entitled to depute an authorised representative to witness the weighment / loading of wagon at the Delivery Point.
- 6.2 When Coal is delivered for dispatch by road, the weight recorded at the weighbridge of the Seller at the concerned Delivery Point and as mentioned in the dispatch document, shall be binding on the Parties.
- 6.3 The weighbridges at respective Delivery Points at Seller's end shall be calibrated and maintained as per applicable statutory provisions. The Seller shall regularly monitor the accuracy of the weighbridges. If and when any weighbridge is found to be out of order, after remedying the defect as expeditiously as possible, the Seller shall arrange for calibration, wherever necessary, as per Applicable Laws.

7. **METHOD OF ORDER BOOKING AND DELIVERY OF COAL:**

7.1 **Order Booking by Rail:**

- 7.1.1 In terms of the notice issued by the Seller before the commencement of a month, the Purchaser shall submit a programme in writing to the Seller, as per the applicable Railway rules and Seller's notified procedures, for the supply of the Scheduled Quantity as per Clause 4.5. The Purchaser shall also ensure compliance of the requirements under Clause 11.2. Thereafter, the Seller shall process for issuance of the consent of the programme.

The validity period of the monthly programme for movement by rail for seeking allotment shall be till the last day of the month concerned. The consent of the programme to be issued by the Seller shall not remain valid after the above period. Once the rake is allotted, it shall remain valid for supply as per prevailing Railways rules.

- 7.1.2 The Seller shall thereupon submit specific indent/offer based on the valid rail programme(s) to the Railways as per the extant Railway rules for the allotment and placement of wagons during the concerned month in conveniently spaced intervals.
- 7.1.3 The wagons shall be booked on "freight to pay" or "freight pre paid" basis, as applicable.
- 7.1.4 In case of formation of rakes with wagons loaded from different loading points,

the Seller shall make best efforts to complete documentation formalities as per Railway rules so as to enable the Purchaser to avail a trainload freight rate.

7.2 **Order Booking by Road:**

7.2.1 In terms of the notice by the Seller issued for monthly Coal allocation / bookings stipulating the time schedule for order booking and advance payment, the Purchaser shall deposit 100% advance payment in the manner provided in Clause 11.1, for the Scheduled Quantity.

7.2.2 Based on the monthly colliery wise allocation done by the Seller in terms of Clause 7.2.1, the Purchaser shall place orders with the Seller for the Scheduled Quantity by making advance payment of the full value of the respective order {"Advance Payment"}, within such period as notified by the Seller. The advance payment may also be made in three (3) installments each of ten (10) days value of Coal in accordance with the terms and conditions including the time periods of depositing the installments, as stipulated in the monthly notice on colliery wise allocation issued by the Seller.

7.2.3 The Seller shall arrange to issue sale order(s)/delivery order(s) separately for each colliery and issue necessary loading programme / schedule from time to time. The Purchaser shall arrange to place the required number / type of trucks to lift the Coal as per such loading programme / schedule. The Seller shall ensure that the sale order / delivery order in favour of the Purchaser is prepared promptly upon realization of the Advance Payment and the same reaches the concerned colliery/weigh bridge within five working days of the last day of the period notified by the Seller for booking orders in terms of Clause 7.2.1.

7.2.4 The Seller shall ensure delivery and the Purchaser shall ensure lifting of Coal against sale order / delivery order of any month within the validity period of forty five (45) days, as mentioned in the sale order.

7.2.5 In the event of any quantity remaining undelivered / unlifted, the Purchaser shall be entitled to receive, once the validity period of the sale order/ delivery order expires, the refund of the proportionate value of such quantity. The refund with respect to a particular month shall be made by the Seller within thirty (30) days from the date of receipt of application for refund from the Purchaser.

8. **DETERMINATION OF COAL QUALITY:**

8.1 In the event the Purchaser is desirous of availing Third Party sampling, such facility shall be allowed at the Delivery Point only and for the Coal produced from Seller's own sources and not for Imported Coal, if any. All such sampling and analysis for determination of Coal quality shall be done in accordance with the relevant BIS Standards and as prescribed under this Clause

and Schedule V of this agreement.

8.2 The samples shall be drawn separately for supplies made, from each colliery, grade wise and the venue for collection of samples by the Third Party shall be the Delivery Point. The detail of sampling / analysis procedures shall be appended by the Seller.

8.3 The quality of the Coal to be supplied from the mines of the Seller shall be as far as possible within specifications as per Schedule-II to this Agreement. Complaint if any, on the matter of Coal quality shall be made by the Purchaser giving specific details of the consignment to the CGM (S&M) / GM (S&M) of the Seller and also to colliery/area authorities for remedial action. Any complaint regarding quality of Coal shall be made at the colliery end/ Delivery Point.

9. **TRANSFER OF TITLE TO GOODS:**

Once delivery of Coal have been effected at the Delivery Point by the Seller, the property / title and risk of Coal so delivered shall stand transferred to the Purchaser in terms of this Agreement. Thereafter the Seller shall in no way be responsible or liable for the security or safeguard of the Coal so transferred. Seller shall have no liability, including towards increased freight or transportation costs, as regards any diversion of wagons / rakes /road transport en-route, for whatever causes, by Railways, or road transporter or any other agency.

10 **PRICE OF COAL:**

10.1 The "As Delivered Price of Coal" for the Coal delivered hereunder shall be the sum of the Base Price, sizing charges, transportation charges up to the Delivery Point, rapid loading charges, statutory charges, levies and other charges. The components of the As Delivered Price of Coal shall be determined on the basis of the rates/criteria duly notified by CIL/Seller/statutory authority from time to time as is applicable to the Purchaser and in force for the time being.

10.2 In the event of revision by the CIL/Seller of any component of the As Delivered Price of Coal, other than statutory charges and levies, the Seller shall inform the Purchaser of such revision from time to time. The Purchaser shall be liable to pay the revised As Delivered Price of Coal as and from the date the revised rates/criteria becomes or has become effective.

10.3 All royalties, taxes, duties, cesses, and such statutory levies payable to the State Government Central Government or to any other statutory authority on the supply / dispatch/ delivery of Declared Grade of Coal under this Agreement shall be borne by the Purchaser.

10.4 The price of Imported Coal shall be as decided and declared by CIL from time to time.

- 10.5 In all cases the entire freight charges, irrespective of the mode of transportation of the Coal supplied, shall be borne by and to the account of the Purchaser.
- 10.6 The Purchaser shall be liable to make payment to the Seller in terms of this Agreement, on the basis of analyzed grade with respect to all quantity of Coal supplied irrespective of when and in what condition the loaded wagons/ rakes/road transport vehicles reach or do not reach the destination.

11. FINANCIAL COVERAGE, BILLING AND PAYMENT:

11.1 **Supply of Coal by Road:**

For road dispatches, advance payment by way of Demand Draft /Bankers' Cheque shall be drawn in favour of Seller by the Purchaser in terms of Clause 7.2 and payable on any Nationalised / Scheduled Bank at **Dhanbad**.

11.2 **Supply of Coal by Rail:**

- 11.2.1 The Purchaser shall submit financial coverage ("**Financial Coverage**") in the form of a Banker's Cheque/Demand Draft or Bank Guarantee, (issued by a scheduled Bank acceptable to the Seller and in the format enclosed at **Schedule - IV** of this Agreement) for an amount equal to the estimated As Delivered Price of Coal for 15 days (Fifteen days) of Coal supplies, i.e. ACQ/24, subject to a minimum amount equivalent to As Delivered Price of Coal of one rake-load, as indicated in the notice by the Seller. In case the supply consists of different Grades, the As Delivered Price of Coal shall be calculated on the Base Price of the highest Grade, as shown in Schedule II.
- 11.2.2 Where the Financial Coverage is made in the form of bank guarantee ("**Financial Coverage Bank Guarantee**" or "**Financial Coverage BG**") , such Financial Coverage BG shall be kept operative and valid by the Purchaser throughout the Term of Agreement and for a further period of one hundred eighty (180) days thereafter, encashable at **Dhanbad** (to be indicated by the Seller). In case of any increase in the As Delivered Price of Coal, the amount of the Financial Coverage BG shall be increased commensurately within 7 (seven) days of such increase. The Purchaser shall ensure that at all times the amount of the Financial Coverage BG is not less than the estimated As Delivered Price of Coal for fifteen (15) days of Coal supplies, i.e. ACQ/24, subject to a minimum amount equivalent to As Delivered Price of Coal of one rake of Coal and the As Delivered Price of Coal shall take into account the Base Price of the highest Grade of Coal, as shown in Schedule II.

11.2.3 The Seller by way of a notice, to be put up on the Seller's notice board, shall inform the Purchaser the Coal value to be paid through Demand Draft / Banker's Cheque at least three (3) working days in advance before expected date of offer to the Railways for allotment of rakes. The Purchaser shall accordingly be required to deposit Demand Draft / Banker's Cheque along with debit advice issued by the drawee bank to the tune of value of Coal in rake loads to be offered as per notice within forty eight (48) hours of such notice. The quantity in any single offer within a month shall not exceed the quantity as per the financial coverage in terms of clause 11.2.1.

11.2.4 The BG in terms of Clause 11.2.1 shall be initially valid for a minimum period of one (1) year. The Purchaser shall ensure renewal at least one (1) month prior to expiry of the BG. In the event of delay in renewing the BG, as an interim measure, the Purchaser will be allowed to lift supplies of Coal subject to making payment to the Seller by Banker's cheque/ Demand Draft of an amount equivalent to the value of the BG immediately prior to its expiry. The Purchaser shall be entitled to refund of such payment on providing due replacement through a valid bank guarantee. The Seller shall have the right to suspend supplies of Coal, without any notice, in the event that there is no valid and subsisting Financial Coverage BG for the amount hereinbefore stated as per clause 11.2.1, and the Purchaser has not deposited any payment in lieu of such Bank Guarantee.

11.3 Seller shall raise the Coal supply bills on rake-to-rake basis for delivery of Coal by rail. Bills for delivery of Coal by road shall be prepared by the Seller on periodical basis. Bills shall be prepared by the Seller on the basis of grade of Coal declared by the Seller. Within two Business days after receipt of a bill/invoice from the Seller for supplies effected by rail, the Purchaser shall make full payment to the extent of the residual amount, if any, to the Seller with respect to each bill / invoice. The payment shall be through Demand Draft / Banker's / local cheque payable at **SBI, Main Branch, Dhanbad, Current A/C vide no "000000 1097 659 7794" Style of A/C " BHARAT COKING COAL LIMITED", Branch Code "00066", RTGS Code - "SBIN 0000066", Bank More, Dhanbad-826001, 9- DIGIT MICR CODE NUMBER OF THE BRANCH " 826002 002 "**. In the event of non- payment within the aforesaid stipulated period, the Purchaser shall be liable to pay interest in accordance with Clause 13.

11.4 Overloading & Under loading:

11.4.1 Any penal freight for overloading charged by the Railways for any consignment shall be payable by the Purchaser. However, if overloading is detected from any particular colliery, consistently during three (3) continuous months, on due intimation from the Purchaser to this effect, the Seller undertakes to take remedial measures.

11.4.2 For Non coking coal of GCV exceeding 5800 Kcal/Kg and coking coal of Steel Grade-I, Steel Grade-II, Washery Grade-I, Washery Grade-II, Semi-Coking Grade-I, Semi Coking Grade II and washed Coal; any idle freight for under loading below the stenciled carrying capacity, as shown on the wagon or carrying capacity based on the actual tare weight or permissible carrying capacity as notified by the Railways (route-wise) for any particular type of wagon from time to time, in which case stenciled carrying capacity as shown on the wagon is more than the permissible carrying capacity, as the case may be, shall be borne by the Seller. For all other Grades of Coal, any idle freight for under-loading below the stenciled carrying capacity, as shown on the wagon or carrying capacity based on actual tare weight, as the case may be, plus two (2) tones shall be borne by the Seller. However, in the cases where permissible carrying capacity is less than the stenciled carrying capacity, as mentioned above, the idle freight shall be borne by the seller only up to permissible carrying capacity.

11.4.3 Idle freight resulting from under loading of wagon, as per Clause 11.4.2, shall be adjusted in the bills. Idle freight shall be reckoned as:

- (i) for non-coking coal of GCV exceeding 5800 kcal/kg and coking coal of Steel Grade-I, Steel Grade-II, Washery Grade-I, Washery Grade-II, Semi Coking Grade-I, Semi Coking Grade-II and washed coal, the difference between the freight charges applicable for the stenciled carrying capacity, as shown on the wagon or carrying capacity based on actual tare weight or permissible carrying capacity as notified by the Railways (route-wise) for any particular type of wagon from time to time, in which case the stenciled carrying capacity as shown on the wagon is more than the permissible carrying capacity, as the case may be, and the freight payable as per actual recorded weight of coal loaded in the wagon; and/or
- (ii) for all other grades of coal, the difference between the freight charges applicable for the stenciled carrying capacity, as shown on the wagon or carrying capacity based on actual tare weight, as the case may be, plus two (2) tonnes and the freight payable as per actual recorded weight of coal loaded in the wagon. However, in the cases where permissible carrying capacity is less than the stenciled carrying capacity, as mentioned above, the idle freight shall be borne by the seller only up to permissible carrying capacity.

11.5 Modalities for Billing, Claims & Payment

11.5.1 The Seller shall raise and the Purchaser shall pay the bills for Coal supplies on Declared Grade basis in accordance with Clause 11.3 above. These bills, however, shall, where applicable, be finally revised and settled between the two Parties on the basis of analyzed grade of Coal in accordance with Clause 8.

11.5.2 The Seller or the Purchaser, as the case may be, shall raise their respective claims arising out of quality determination of Coal through sampling and analysis forthwith. Such claim shall be settled within thirty (30) days thereafter.

11.5.3 Further, the Parties shall jointly reconcile all payments made for the monthly Coal supplies during the Year by end of April of the following Year. The Parties shall, forthwith, give credit/debit for the amount falling due, if any, as assessed during such joint reconciliation. The annual reconciliation statement shall be jointly signed by the authorised representative of the Seller and the Purchaser which shall be final and binding.

11.5.4 In the event of due date of any payment obligation under this Agreement falling on Sunday or a gazetted holiday, the next first working day shall be the effective due date for the purpose.

12. **NOTICE:**

In the event, either Party owing payment of any amount to other Party under the terms of this Agreement, defaults in making such payments as per terms of the Agreement, the Party not in default shall give a notice in writing to the Party in default and the matter shall thereafter be dealt with in terms of Clause 13 & 14.

13. **INTEREST ON DELAYED PAYMENT:**

With respect to default in making any payment due in terms of this Agreement by one Party to the other, the defaulting Party shall be liable to pay interest at PLR on the total sum outstanding and for the period the payment has remained over due. Without prejudice to the foregoing, in the event the Purchaser fails to pay the overdue amount along with the interest within such thirty (30) days, the Seller shall be entitled to encash the Security Deposit and/or the Financial Coverage BG and suspend Coal supplies in accordance with Clause 14. For removal of doubts, it is clarified that it shall be permissible for the Seller to adjust or recover the interest due in terms of this Clause from the Security Deposit and/or the Financial Coverage BG.

14. **SUSPENSION OF COAL SUPPLIES**

14.1 Notwithstanding other provisions of this Agreement, in the event the Purchaser fails to pay any amount including any interest, due to the Seller under this Agreement within a period of thirty (30) days of the same falling due, the Seller shall have the right to resort to any one or more of the following:

- a) Adjust the outstanding amount against the Security Deposit or by invoking the Security Deposit BG maintained in terms of Clause 3 or such portion of it as available; and/or
- b) Invoke the Financial Coverage Bank Guarantee or any cash deposit towards Financial Coverage to the extent available and necessary to meet the outstanding dues; and/ or

- c) Suspend supplies of Coal to the Purchaser.
- 14.2 During the period of suspension of supplies in terms of Clause 14.1 the Seller shall be relieved of his obligations to supply Coal. However, the obligations of the Purchaser under this Agreement shall be deemed to remain in full force.
- 14.3 In the event of suspension of Coal supplies pursuant to this Clause, the Seller shall have the right to continue the suspension for as long as the interest-free Security Deposit or the Financial Coverage, as the case may be, has not been fully replenished. The Seller shall resume the Coal supplies within three (3) days of payment of the outstanding amount together with interest as also full replenishment of Security Deposit and/or the Financial Coverage.
- 14.4 In the event rail movement is declared / considered not feasible by Railways, review will be made jointly in the matter of mode of transport

15 **SETTLEMENT OF DISPUTES:**

- 15.1 In the event of any dispute, disagreement or difference arising out of or in connection with this Agreement, including any question regarding its performance, existence, validity, termination and the rights and liabilities of the Parties to this Agreement ("Dispute"), the Parties shall in the first instance endeavour to amicably settle the same through negotiations carried out in good faith.
- 15.2 For the purpose of conducting negotiations, each Party shall designate in writing to the other Party a representative who shall be authorised to negotiate on its behalf with a view to resolving any Dispute (the "Representative"). Each such Representative shall remain so authorised until his replacement has been designated in writing to the other Party by the Party he represents.
- 15.3 The Representative of the Party which considers that a dispute has arisen shall give to the Representative of the other Party, a written notice setting out the material particulars of the dispute ("Dispute Notice"). Within thirty days, or such longer period as may be mutually agreed, of the Dispute Notice having been delivered to the other Party, the Representatives of both Parties shall meet in person, to attempt in good faith and using their best endeavours at all times, to resolve the Dispute. Once the Dispute is resolved, the terms of the settlement shall be reduced in writing and signed by the Representatives of the Parties

16. **TERMINATION OF CONTRACT/AGREEMENT:**

- 16.1 Notwithstanding the provisions of Clause 2, this Agreement may be terminated in the following events and in the manner specified hereunder:

- 16.1.1 In the event that either Party is rendered wholly or partially unable to perform its obligations under this Agreement ("**Affected Party**") because of a Force Majeure Act, as described in Clause 17 below, and such inability to perform lasts for not less than a total of ninety (90) days in any continuous period of one hundred eighty (180) days, and in the considered assessment of the other Party ("**Non-Affected Party**") there is no reasonable likelihood of the Force Majeure Act coming to an end in the near future, such Party shall have the right to terminate this Agreement, by giving at least ninety (90) days prior written notice to the Affected Party of the intention to so terminate this Agreement. In such event, the termination shall take effect on expiry of the notice period or ninety (90) days whichever is later, and the Parties shall be absolved of all rights/obligations under this Agreement, save those that had already accrued as on the effective date of termination.
- 16.1.2 In the event that the Purchaser is prevented /disabled under law from using Coal, for reasons beyond their control, owing to changes in applicable environmental and/or statutory norms, howsoever brought into force; the Purchaser shall have the right to terminate this Agreement, subject to a prior written notice to the Seller of not less than thirty (30) days.
- 16.1.3 In the event of any material change in the Coal distribution system of Seller due to a Government directive/ notification, at any time after the execution of this Agreement, the Seller may terminate this Agreement without any obligation/liability after providing the Purchaser with prior written notice to the Purchaser of not less than thirty (30) days.
- 16.1.4 In the event that the Level of Delivery (LD) falls below thirty percent(30%) or the Level of Lifting (LL) falls below thirty percent (30%), the Purchaser or the Seller as the case may be, shall have the right to terminate this Agreement, within sixty (60) days of the end of the relevant Year after providing the other Party with prior written notice of not less than thirty (30) days.
- 16.1.5 In the event that the Purchaser resells or diverts the Coal purchased pursuant to this Agreement, the Seller shall have the right to terminate this Agreement forthwith.
- 16.1.6 In the event of encashment of Security Deposit or the Financial Coverage or suspension of Coal supplies pursuant to Clause 14.1, the Seller shall have the right to terminate this Agreement by providing prior written notice of thirty (30) days provided the Purchaser has not replenished the Security Deposit/ Financial Coverage within the aforesaid said notice period of third (30) days.
- 16.1.7 In the event that either Party suffers insolvency, appointment of liquidator (provisional or final), appointment of receiver of any of material assets, levy of

any order of attachment of the material assets, or any order or injunction restraining the Party from dealing with or disposing of its assets and such order having been passed is not vacated within sixty (60) days, the other Party shall be entitled to terminate this Agreement

16.1.8 In the event that any Party commits a breach of term or condition of this Agreement ("Defaulting Party") not otherwise specified under this clause 16.1, the other Party ("Non-Defaulting Party"), shall have the right to terminate this Agreement after providing the Defaulting Party thirty (30) days prior notice and the breach has not been cured or rectified to the satisfaction of the Non-Defaulting Party within the said period of thirty (30) days.

16.2 Accrued rights to survive termination

Termination of this Agreement shall be without prejudice to the accrued rights and obligations of either Party as at immediately prior to the termination.

17. FORCE MAJEURE:

17.1 "Force Majeure Act" means any act, circumstance or event or a combination of acts, circumstances and events which wholly or partially prevents or delays the performance of obligations arising under this Agreement by any Party ("Affected Party") and if such act, circumstance or event is not reasonably within the control of and not caused by the fault or negligence of the affected Party, and provided that such act, circumstance or event is in one or more of the following categories:

- a) Flood, inundation of mine, drought, lightening, cyclone, storm, earthquake or geological disturbances, eruption of gases, subsidence and such natural occurrences.
- b) Explosion, Mine fire and other fire, contamination of atmosphere by radio active or hazardous substances.
- c) Civil disturbance such as riot, terrorism.
- d) Industry wise /nation wide strikes.
- e) Any law, ordinance or order of the Central or State Government, or any direction of a statutory regulatory authority that restricts performance of the obligations hereunder;
- f) Epidemic;
- g) The enactment, promulgation, amendment, suspension or repeal of any Applicable Laws after the date hereof;

- h) Any delay or direction or order on the part of the Government of India or relevant State Government or denial or refusal to grant or renew, or any revocation, or modification of any required permit or mining lease or governmental approvals including those related to land acquisition or environment/ forest clearance provided that such delay, modification, denial, refusal or revocation was not due to a cause attributable to the Affected Party;
- j) Global shortage of Imported Coal or logistical constraints in transportation of Imported Coal;

Provided that a Force Majeure Act shall not include economic hardship, equipment failure or breakdown other than as specifically set forth above.

17.2 **Burden of Proof:**

In the event the Parties are unable to agree in good faith that a Force Majeure Act has occurred; the Parties shall resolve the dispute in accordance with the provisions of this Agreement. The burden of proof as to whether a Force Majeure Act has occurred shall be upon the Party claiming the occurrence or existence of such Force Majeure Act.

17.3 **Effect of Force Majeure:**

If either Party is rendered wholly or partially unable to perform its obligations under this Agreement because of a Force Majeure Act, that Party shall be excused from whatever performance is affected by the Force Majeure Act to the extent so affected, provided that:

- a) Within five (5) Business Days after the occurrence of the inability to perform due to a Force Majeure Act, the Affected Party provides a written notice to the other Party of the particulars of the occurrence, including an estimation of its expected duration and probable impact on the performance of its obligations hereunder, and continues to furnish periodic reports with respect thereto, every seven (7) days, during the period of Force Majeure,
- b) The Affected Party shall use all reasonable efforts to continue to perform its obligations hereunder and to correct or cure as soon as possible the Force Majeure Act,
- c) The suspension of performance shall be of no greater scope and no longer duration than is reasonably necessitated by the Force Majeure Act,
- d) The Affected Party shall provide the other Party with prompt notice of the cessation of the Force Majeure Act giving rise to the excuse from performance and shall thereupon resume normal performance of obligations under this Agreement with utmost promptitude,

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(Handwritten signature)

(Handwritten initials)

- e) The non-performance of any obligation of either Party that was required to be performed prior to the occurrence of a Force Majeure Act shall not be excused as a result of such subsequent Force Majeure Act,
- f) The occurrence of a Force Majeure Act shall not relieve either Party from its obligations to make any payment hereunder for performance rendered prior to the occurrence of Force Majeure Act or for partial performance hereunder during period of subsistence Force Majeure Act; and
- g) The Force Majeure Act, shall not relieve either Party from its obligation to comply with Applicable Laws. The Affected Party shall exercise all reasonable efforts to mitigate or limit damages to the other Party.

18 **SCHEDULES / ANNEXURES:**

The Schedules detailed below shall form part of this Agreement.

Schedule - I - Annual Contracted Quantity (ACQ)

Schedule - II - Quality of Coal

Schedule - III - Bank Guarantee format for Security Deposit

Schedule - IV - Bank Guarantee format for Financial Coverage against Coal Supplies.

Schedule - V - Detailed Modalities for Third Party Sampling

19 **MISCELLANEOUS:**

- 19.1 Amendment: This Agreement cannot be amended or modified except by prior written agreement between the Parties.
- 19.2 Severability and Renegotiation: In the event any part or provision of this Agreement becomes, for any reason, unenforceable or is declared invalid by a competent court of law or tribunal, the rest of this Agreement shall remain in full force and effect as if the unenforceable or invalid portions had not been part of this Agreement, and in such eventuality the Parties agree to negotiate with a view to amend or modify this Agreement for achieving the original intent of the Parties.
- 19.3 Governing Law: This Agreement, and the rights and obligations hereunder shall be interpreted, construed and governed by the laws of India. The courts of **Dhanbad** shall have exclusive jurisdiction in all matters under this Agreement.
- 19.4 Entirety: This Agreement together with any documents referred to in it, supersedes any and all oral and written agreements, drafts, undertakings,

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representations, warranties and understandings heretofore made relating to the subject matter hereof and constitutes the entire Agreement and understanding of the Parties relating to the subject matter hereof. It is expressly agreed that this Agreement shall supersede all previous discussions and meetings held and correspondence exchanged between the Seller & the Purchaser in respect of this Agreement and any decisions arrived at therein in the past and before coming into force of this Agreement shall have no relevance with reference to this Agreement and no reference of such discussions or meetings or past correspondence shall be entertained either by the Seller or the Purchaser for interpreting this Agreement or its implementation.

- 19.5 **Counterpart:** This Agreement may be executed in any number of counterparts and each counterpart shall have the same force and effect as the original instrument.
- 19.6 **Assignment:** The Purchaser shall not, without the express prior written consent of the Seller, assign to any third party this Agreement or any part thereof, or any right, benefit, obligation or interest therein or thereunder.
- 19.7 **Limitation of Liability:** The Parties agree that except as otherwise expressly agreed in this Agreement, neither Party shall have any right or entitlement to any consequential losses, costs or damages, loss of profit or market, as a result of a breach by the other Party of this Agreement
- 19.8 The respective **Bokaro Power Supply Company (P) Limited (BPSCL)** Plant In-charge or his representative (s) nominated for the purpose shall be authorized to act for and on behalf of the purchaser
- 19.9 GM(Sales) or any representative duly authorized by the Seller shall act for and on behalf of the Seller.
- 19.10 It shall be the responsibility of the Parties to ensure that any change in the address for service or in the particulars of the designated representative is notified to the other Party and all other concerned, before effecting a change and in any case within two Business Days of such change.

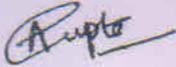
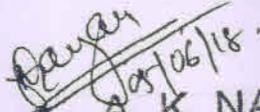
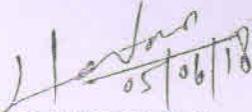
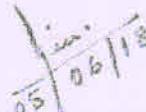
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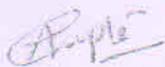
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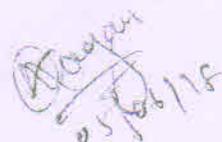
ed in presence of the witness /witnesses under mentioned on 5th day of June 2018.

For Bharat Coking Coal Ltd. (BCCL)	For Bokaro Power Supply Company (P) Ltd. (BPSCL)
(Seller)	(Purchaser)
Signature:	Signature:
	
Name : ASHOK KUMAR GUPTA	Name : ASHOK KUMAR NAYAK
Designation: General Manager (M&S)	Designation: General Manager (Inch.) Power Plant
General Manager (S&M)	Bokaro Power Supply Co. (P) Ltd.
Address: Koyla Bhawan, Koyla Nagar Dhanbad - 826005, Jharkhand	Plant, BPSCL B. S. City, Bokaro
Phone: 0326-2230193	Address: Hall No. M-01, old ADM
Fax : 0326-2230195	Building, Ispat Bhawan,
E-mail: gmsales@bcclweb.in	Bokaro Steel City - 827001
Witness- 1	Witness-1
Signature:	Signature:
	 05.06.2018
Name : H.P.SINGH	Name : GOUTAM SENAPATI
Designation: Manager (M&S)	Designation: AGM, CCSO, SAIL
Address: Koyla Bhawan, Koyla Nagar Dhanbad - 826005, Jharkhand	Address: CCSO, SAIL, Saraidhela, Dhanbad
Witness-2	Witness-2
Signature:	Signature:
	
Name : RATAN KUMAR	Name : RAJEEV SHARMA
Designation: Dy. Manager (Finance -S/A)	Designation: Sr. Manager (Coal Coord)
Address: Koyla Bhawan, Koyla Nagar Dhanbad - 826005, Jharkhand	Address: Hall No. M-01, old ADM Building, Ispat Bhawan, Bokaro Steel City - 827001









Schedule-I

Annual Contracted
Quantity
(Refer Clause
4.1)

Annual Contracted Quantity

Sl. No.	Name of the Plant owned by Purchaser	Name of Rake Fit Station	Annual Contracted Quantity (Tonnes)	Mode of Transport	Source coal field of the Seller*
01	Bokaro Power Supply Company (P) limited (BPSCL)	Bokaro Steel City	5,52,000	Rail/Road	BCCL Collieries & Washeries

* Name of the Country/ Source shall be mentioned in case of Imported Coal

rediffmail

Mailbox of monishankar.mondal

Subject: revised CSR expenditure details

From: CGM(P&A) <personnel.bpscl@gmail.com> on Sat, 25 Jun 2022 12:33:30

To: monishankar.mondal@rediffmail.com

CSR Expenditure in FY 2021-22

(A) Budget for FY 2021-22			18722000
(B) Actual Expenditure (upto 31.03.2022)			
Sl.No.	Project/ Particulars	Agency	Amount (Rs) up to 31.3.22
1	Swachh Bharat Kosh	Centl.Govt	45,00,000.00
2	PMNRF	Centl.Govt	45,00,000.00
3	Clean Ganga Fund	Centl.Govt	95,000.00
4	Financial Assistance for repair work of BPITI Building	BOKARO ISPAT EDUCATIONAL TRUST (BIET)	8,95,870.00
5	Financial assistance for Smart Boards (05 Nos.)	Asha Lata Viklang Vikas Kendra	6,99,150.00
6	Skill Dvpt. Program for new batch under Project -Swavalamban	CIDC	7,36,141.00
7	SAHYOG (2022-23) -Fee of 100 students	Asha Lata Viklang Vikas Kendra	9,60,000.00
8	SHRI -Gomia & Peterbar facilities	Sanitation & Health Rights in India Foundation	6,16,059.00
9	MMU vehicle servicing, Insurance and Misc. Jobs	Temp. Adv.	65,272.00
10	MMU OPEX (April 21 to March 22)	PSMRI	38,61,880.00
11	BIET-2nd yr tuition fee of 50 ITI students	Bokaro Ispat Education Trust (BPITI)	8,60,000.00
12	Chaura awareness camp	Temp. Adv.	6,299.00
13	MMU Road Tax	Temp. Adv.	8,027.00
14	CIDC - 3d & Final installment (2020 batch)	CIDC	6,69,219.00
15	Drivers provided for door-to-door COVID Sampling duty	M/s Pushhkar Enterprises (W.O. No. BPSCL/MM/21-22/C-022 /SPOT/50021/1295 dated 05.05.2021	92,040.00
16	AMC of 10 water purifiers	Eureka Forbes Institute for Envnt.	2,45,730.00
Total (Rs)			1,88,10,687.00

(C) Expenditure over & above the Budget	88,687.00
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Personnel & Administration
 Bokaro Power Supply Company (P) Limited
 Bokaro Steel City-827001



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

श्री मोहन, तीसरा माला, सीता परिसर, मेन रोड, सुशीला ऑटोमोबाइल के पीछे

रांची- 834001

Sri Mohan, 3rd Floor, Sita Compound, 5 Main Road, Behind Sushila Automobiles,
Ranchi - 834001

E-mail : dycceranchi@explosives.gov.in

Phone/Fax No : 651 - 2332689, 2332690, 2332688

संख्या /No. : P/HQ/JH/15/30 (P9288)

दिनांक /Dated : 04/12/2018

सेवा में /To,

THE DY. GENERAL MANAGER, I/c (POWER PLANT),
BOKARO POWER SUPPLY CO. (P) LTD, Hall No - M01, O,
BOKARO STEEL CITY,
BOKARO,
Bokaro Steel City,
Taluka: Jaridih,
District: BOKARO,
State: Jharkhand
PIN: 827001

11 DEC 2018

विषय /Sub : Plot No, NA, BOKARO STEEL CITY, BOKARO STEEL CITY, District: DHANABAD, State: Jharkhand, PIN: 999999 में स्थित विद्यमान पेट्रोलियम वर्ग C अधिष्ठापन में अनुज्ञप्ति सं P/HQ/JH/15/30 (P9288) के नवीकरण के संदर्भ में ।
Existing Petroleum Class C Installation at Plot No, NA, BOKARO STEEL CITY, BOKARO STEEL CITY, District: DHANABAD, State: Jharkhand, PIN: 999999 - Licence No. P/HQ/JH/15/30 (P9288) - Renewal regarding.

महोदय /Sir
(s).

कृपया आपके पत्र क्रमांक OIN224151 दिनांक 24/10/2018 का अवलोकन करें ।
Please refer to your letter No.: OIN224151, dated 24/10/2018

अनुज्ञप्ति संख्या P/HQ/JH/15/30 (P9288) दिनांक 19/09/1981 को दिनांक 31/12/2023 तक नवीनीकृत कर इस पत्र के साथ अग्रहित की जा रही है ।
Licence No. P/HQ/JH/15/30 (P9288) dated 19/09/1981 is forwarded herewith duly renewed upto 31/12/2023.

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें । अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व कार्यालय को प्रेषित करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence so as to reach this office on or before the date on which Licence expires.

कृपया पावती दें।
Please acknowledge the receipt.

भवदीय /Yours faithfully,

K. Thiagarajan
(के. त्यागराजन)
(K. Thiagarajan)

उप मुख्य विस्फोटक नियंत्रक
Dy. Chief Controller of Explosives
रांची/Ranchi

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)
(For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)



अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : P/HQ/JH/15/30(P9288)

फीस रूपर (Fee Rs.) 50000/- per year

THE DY. GENERAL MANAGER, I/c (POWER PLANT), BOKARO POWER SUPPLY CO. (P) LTD, Hall No - M01, O, BOKARO STEEL CITY, BOKARO, Bokaro Steel City, Taluka: Jaridih, District: BOKARO, State: Jharkhand, PIN: 827001 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 4500.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या P/HQ/JH/15/30(P9288) तारीख 04/12/2018 जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अन्दत्त की जाती है।

Licence is hereby granted to THE DY. GENERAL MANAGER, I/c (POWER PLANT), BOKARO POWER SUPPLY CO. (P) LTD, Hall No - M01, O, BOKARO STEEL CITY, BOKARO, Bokaro Steel City, Taluka: Jaridih, District: BOKARO, State: Jharkhand, PIN: 827001 valid only for the importation and storage of 4500.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/JH/15/30(P9288) dated 04/12/2018 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December 2023 तक प्रवृत्त रहेगी।
The Licence shall remain in force till the 31st day of December 2023

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	4500.00 KL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	4500.00 KL

September 19, 1981

Sell
Chief Controller of Explosives

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

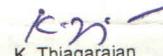
अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं Plot No: NA, BOKARO STEEL CITY, BOKARO STEEL CITY, District: DHANABAD, State: Jharkhand, PIN: 999999 स्थान पर अवस्थित है तथा उसमें निम्नलिखित SIX A/G STORAGE TANKS CLASS C TOGETHER WITH CONNECTED FACILITY. सम्मिलित हैं।

The licensed premises, the layout, boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: NA, BOKARO STEEL CITY, BOKARO STEEL CITY, District: DHANABAD, State: Jharkhand, PIN: 999999 and consists of SIX A/G STORAGE TANKS CLASS C TOGETHER WITH CONNECTED FACILITY. together with connected facilities.

पेज सं. 2

अनुज्ञप्ति संख्या-(Licence No.) P/HQ/JH/15/30 (P9288)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी। This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.	नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
1).	02/05/2005	31/12/2007	Sd/- Dr. A.P. Singh
2).	01/01/2008	31/12/2010	Sd/- Dr. A.P. Singh
3).	25/11/2010	31/12/2013	Sd/- Dr. R. K. Rathore
4).	20/12/2013	31/12/2018	Sd/- Ashok Kumar Dalela Controller of Explosives For Dy. Chief Controller of Explosives Ranchi
5).	04/12/2018	31/12/2023	 K. Thiagarajan Dy. Chief Controller of Explosives Ranchi

उप मुख्य विस्फोटक नियंत्रक, राँची
Dy. Chief Controller of Explosives, Ranchi

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरूप नहीं पाए जाते हैं और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमें से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चातवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा।

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

INDIAN OIL CORPORATION LIMITED

Mathura Refinery Laboratory,
P.O. Mathura Refinery
Mathura 281005

TEST REPORT

Material: 70000 -FURNACE OIL REGULAR
Reason for test: Detail Analysis- Export Grade FO (2014)
Industry standard description: IS1593:2018

Inspection lot number: 790003506638
Store/Tank no.: T706 -TK-706 (FO/10)
Stock represented: 8,313.000 KL
Note: TK-706 FO(EXP) M/S DT 09.08.2020

Sample drawn date: 09.08.2020
Sample receipt date: 09.08.2020
Lot release date: 09.08.2020
Lot batch: EXCSBONDFG

SRL CHARACTERISTIC	TEST METHOD (ASTM/IP/IS1448)	SPECIFICATION LIMIT & UNIT	TEST RESULTS
Operation : 00000001 Detail Analysis Export Grade Furnace Oil			
1. Acidity - Inorganic in mg.KOH/g	D 974	Max. 0.00	0.00
2. Ash	D 482	Max. 0.100 wt%	0.090
3. Gross calorific value	CALCULAT	kcl/kg	10033
4. Pour Point	D 97	Max. 15 °C	-3
5. Flash Point (PMCC)	D 93	Min. 66 °C	68
6. Density at 15°C	D 1298	Max. 991.0 kg/m ³	977.3
7. Kinematic Viscosity at 50°C	D 445	Max. 180.0 cSt	163.2
8. Sulphur Total	D 4294	Max. 4.000 wt%	3.910
9. Sediment by extraction	D 473	Max. 0.25 wt%	0.21
10. Water Content	D 95	Max. 1.00 vol%	0.30
11. Conradson Carbon Residue (CCR)	D 189	Max. 18.00 %(m)	15.60
12. Sodium	IP 501	Max. 100 mg/kg	61
13. Vanadium	IP 501	Max. 200 mg/kg	159
14. Aluminium & Silicon	IP 501	Max. 100 mg/kg	59
15. Asphaltenes Content	D 6560	Max. 12.00 %(m)	10.00
16. Total sediment aged (TSP)	D 4870	Max. 0.20 %(m)	0.08
17. Net Calorific Value	CALCULAT	Cal/gm	9484
Operation : 00000002 Additional Parameter			
1. Spot test	D 4740	Max. 2	1

UD Code: AC -Meets Specification w.r.t Tests done

UD description : 1-sampling procedure used : IS : 1447 (PART-1)

- 2- the results relate to the item tested only .
 - 3- he test results may show inter variations .
 - 4- Report shall ot be reproduced except in full with out permission of laboratory
- *****end the report *****

Enter comments:

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