

स्टील ऑथोरिटी ऑफ इंडिया लिमिटेड STEEL AUTHORITY OF INDIA LIMITED बोकारो स्टील प्लांट BOKARO STEEL PLANT गुआ अयस्क खान GUA ORE MINES

Ref. No.: GUA/E&L/JB-II-EC Compl._H2/2025-26/028-1

Date: 29.05.2025

To,

The Addl. PCCF (C)

Ministry of Environment, Forest and Climate Change Regional Office (ECZ) Bungalow No. A – 2, Shyamali Colony Doranda, Ranchi – 834 002

Sub: Compliance Report of Environmental Clearance accorded by MoEF&CC to the project: Jhillingburu-II Iron & Manganese Ore Mining of Gua Ore Mines of M/s SAIL, located in Village Gua, Noamundi, West Singhbhum Dist., Jharkhand.

Ref.: 1. Ministry's Environment Clearance Letter No. EC/SEIAA/2016-17/2053/2017/297, dated 10.12.2018 Sir,

As per the provisions of the condition no. X(v) of above stated Environmental Clearance order granted to the **Jhillingburu-II Iron & Manganese Ore Mining of Gua Ore Mines**, the six monthly compliance report on the conditions stipulated in the Environmental Clearance for the period from *October*, *2024 to March*, *2025* is enclosed herewith for kind perusal please.

Thanking you.

For & on behalf of SAIL-BSL, Gua Ore Mines

General Manager (Mines) and E&L General Manager (Mines) & E&L SAIL-BSL, Gua Ore Mines

Encl: As stated above

Copy to:

- 1. Director, IA, MoEF&CC, GOI, Indira Paryavaran Bhavan, Aliganj, Jor Bagh Road, New Delhi 110 003.
- 2. Member Secretary, JSPCB, HEC, Dhurwa, Ranchi 834 004.
- 3. In-charge, Eastern Zone, CPCB, Southern Conclave, Block 502, 5th & 6th Floors, 1582 Rajdanga Main Road, Kolkata 700 107 (W. B.)
- 4. The Regional Office, JSPCB, Jamshedpur

Conditions stipulated in the Environmental Clearance vide letter No.EC/SEIAA/2016-17/2053/2017/297 dated 10.12.2018 for the project "Jhillingburu II Iron & Manganese Ore Mining of Gua Ore Mines of M/s Steel Authority of India Ltd at Village- Gua, Noamundi, W. Singhbhum (30.430 Ha)"

(Period: October, 2024 - March, 2025)

S.No	CONDITION	COMPLIANCES
I.	Specific Conditions:	
(i)	This Environmental Clearance is valid subject to the following condition below- That this project has- a. Obtained all legal rights to operate at concerned place. b. Complied with all existing concerned laws of the land and c. Complied with the decisions of SEIAA on the issue of Environmental Clearance till date.	Agreed. All the statutory clearances/approvals will be obtained prior to commencement of mining operations in Jhillingburu-II Lease of Gua Ore Mines, BSL, SAIL. Presently mines is not in operation.
II.	Statutory Compliance:	
(i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project	Jhillingburu-II Iron & Manganese Ore Mining Project over an area of 30.43 ha has valid Stage-I FC Clearance granted by Eastern Regional Office, MoEF&CC, Bhubaneshwar vide letter ref. no. 5-JHC172/2010-BHU dated 29.01.2013. Further, valid Stage-II FC (Final Approval) order has also been granted by Integrated Regional Office, MoEF&CC, Ranchi, vide letter ref. no. 5-JHC172/2010/894 dated 07.02.2023.
	General Manager (Mines) & E	Subsequently, forest land has been released by the Principal Chief Conservator of Forest (PCCF) cum Executive Director, Wasteland Development Board, Jharkhand, Ranchi, vide letter no.1109 dated 07.11.2023 and further by Divisional Forest Officer, Saranda, vide letter

		ref. no. MIN/Gua/Topailore-/10/2020/287 dated 03.02.2024. Copy of FC orders and land release orders are enclosed as Annexure-1
(ii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	The condition is not applicable as there is no designated wildlife protected area/wildlife sanctuary within 10 km radius to the project site.
(iii)	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six monthly compliance report. (In case of the presence of Schedule-I species in the study area.	The Common Composite Site-Specific Wildlife and Biodiversity Conservation Plan (SSWBCP) for all four mining leases including Jhillingburu-II Lease of Gua Ore Mines, with a financial outlay of Rs. 69.92 crores, has been approved by the Principal Chief Conservator of Forests (Wildlife), Ranchi, on 15.04.2025. A copy of the approval letter is enclosed as Annexure-2 . The SSWBCP will be implemented in accordance with the timeline prescribed by the State Forest Department and implementation report will be furnished along with the six monthly compliance report.
(iv)	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 will be obtained from Jharkhand State Pollution Control Board (JSPCB) prior to commencement of production from Jhillingburu-II Mining Lease. We are in the process to submit application for CTE. After grant of CTE, application for CTO will be submitted.
(v)	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Permission for drawl of required water has already been taken from Water Resource Department, Govt. of Jharkhand. Agreement for water withdrawal has been renewed for the period from July' 2023 to June' 2028.

General Manager (Mines) & E&L SAIL-BSL, Gua Ore Mines

(vi)	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Gua Ore Mines, SAIL has valid authorization under the Hazardous and other Waste Management Rules for adjacent Duarguiburu Mining Lease. If required, separate hazardous waste authorization will be taken for Jhillingburu-II lease when it becomes operational.	
(vii)	A modified approved mine plan as per MCR, 2017 and mine closure plan as per MCDR, 2017 should be obtained by the proponent.	Indian Bureau of Mines (IBM), Ranchi has approved the Review of Mining Plan & Progressive Mine Closure Plan (PMCP) for period from 2025-26 to 2029-30 vide letter no. RAN/ WESTSINGHBHUM/ Fe/ROMP-5/2024-25 dated 19.02.2025. After complete exhaustion of mineral from the lease, Final Mine Closure Plan (FMCP) will be prepared and get it approved from the Competent Authority i.e. Indian Bureau Of Mines. Further the measures approved in the FMCP will be implemented at the cost of SAIL.	
III.	Air quality monitoring and preservation:		
(i)	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.	Mining of Manganese ore will be done by shovel dumper combination and mined ore will be transported to SAIL Steel Plant after crushing and screening, therefore presently no any significant stack has been envisaged. However, if process stack will be envisaged in the future, 24x7 continuous emission monitoring system will be installed.	
(ii)	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986	This condition will be complied when mining operation starts at Jhillingburu-II mining lease.	
(iii)	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters	This condition will be complied when mining operation starts at Jhillingburu-II mining lease.	

	relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and S02 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)	Further, Jhillingburu-II mining lease is one of the four adjacent mining lease of Gua Ore Mines, ambient locations will be same as for the Duarguiburu Mining lease. Ambient Air quality monitoring at four locations is being carried out regularly and reports are being submitted to Jharkhand State Pollution Control Board. Additionally, Gua Ore Mines has installed a Continuous Ambient Air Quality Monitoring System (CAAQMS) for real time monitoring of Ambient Air Quality within the Gua Ore Mines.	
(iv)	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Mining will be done by shovel dumper combination and mined ore will be transported to SAIL Steel Plant after crushing and screening, therefore presently no any significant stack has been envisaged. If process stack will be envisaged in the future, 24x7 continuous emission monitoring system will be installed. However, for ambient air quality monitoring, same will be complied	
(v)	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission	when the mining will start at Jhillingburu-II Mining Lease. Most of the internal roads are made pucca. Good housekeeping is being maintained by regular cleaning and wetting of the haul roads and the premises. Effective measures have been taken to control fugitive dust	
	standards.	within the prescribed standards in the adjacent Duarguiburu Mining Lease of Gua Ore Mines. In Jhillingburu-II Iron & Manganese Ore Mining Project, similar arrangements as taken in Duarguiburu mining lease will be provided to control fugitive dust within the prescribed standards when mining operation commences.	
(vi)	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.	Jhillingburu-II Iron & Manganese Ore Mining Project is presently non- operational. This condition will be complied when mining operation	
(vii)	Wind shelter fence and chemical spraying shall be provided on the raw	starts at hillingburu-Illmining lease.	

	material stock piles.	
(viii)	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.	Opencast Mining will be done by shovel dumper combination and mined ore will be transported to SAIL Steel Plant after crushing and screening. Therefore presently no any tunnel, motor houses and oil cellars has been envisaged.
IV.	Water quality monitoring and preservation:	
(i)	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)	Jhillingburu-II Iron & Manganese Ore Mining Project is presently non-operational. This condition will be complied when mining operation starts at Jhillingburu-II mining lease.
(ii)	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	 Establishment of a Groundwater Monitoring Network: A structured monitoring network has been developed in and around the Gua Ore Mines (core and buffer zone), comprising a combination of existing open wells and newly installed piezometers to ensure spatial coverage and seasonal data collection. The network includes, Four (04) existing open wells located in Buffer Zone area at: Guasai – Forest Bungalow Ghatkuri Village Chhota Nagra / Baihatu Village Baraiburu (Near Pool)
	General Manager (Mines) 8	 These have been selected to provide representative data from all directions around the lease boundary. In addition to the above, three (03) piezometers with real-time

		groundwater level monitoring capability have been installed and commissioned at strategic locations in Core Zone area, namely: 1. Forest Bungalow, Gua 2. DB Building, Gua Ore Mines 3. DB Annexe Building, Gua Ore Mines • These locations were selected in consultation with the SPCB to ensure coverage of key operational and hydro geologically sensitive zones within the mining lease area. Ouarterly Monitoring and Reporting • Groundwater level and quality monitoring is being carried out four
		times a year and data of the same is being maintained.
(iii)	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	The condition related to effluent monitoring will be complied when mining operation starts at Jhillingburu-II mining lease. However, manual effluent testing and manual monitoring of ground water quality is being done for Duarguiburu Mining Lease of Gua Ore Mines and monthly monitoring reports are being sent to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report. The same will be done for Jhillingburu-II Iron & Manganese Ore Mining Project when mining operation starts at Jhillingburu-II mining lease.
(iv)	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.	In Jhillingburu-II Iron & Manganese Ore Mining Project, mining will be done by shovel dumper combination and mined ore will be transported to SAIL Steel Plant after crushing and screening. No washing circuit is envisaged for up-gradation of mineral through beneficiation process; hence no slime will be generated.
(v)	Adhere to 'Zero Liquid Discharge'	Agreed
(vi)	Sewage Treatment Plant shall be provided for treatment of domestic	Septic tanks followed by soaking pits have been provided for the

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	wastewater to meet the prescribed standards.	quarters in cluster for entire Gua Township which are being cleaned periodically through mechanical mode. Also, major domestic drains of Gua Township and Market area have been streamlined and converged into a single drain followed by 02 nos. of settling pits to provide enough retention time for the domestic effluent to settle down and oxidize the water. Photographs enclosed as Annexure-3. • However, to comply with the conditions, Gua Ore Mines has engaged IIT Kharagpur for preparation of conceptual plan for setting up Sewerage Treatment facilities at Gua Ore Mines Township. > The conceptual plan for setting up of Sewerage Treatment Facilities has been prepared in consultation with IIT Kharagpur. > Total 04 STP [MBBR technology] with total capacity of 4.1 MLD has been proposed. > To expedite the installation of STP's, proposal for all 04 STP's (0.3, 0.6, 1, 2.2 MLD) has been initiated. Also, tender for 0.3 MLD STP has been floated. Tender opening date was 16.04.2025. Bids received and Techno-Commercial evaluation completed and the same is under approval for opening of price bids (Copy of tender uploaded on website is enclosed as Annexure-4). TS for remaining 03 STP's is under finalization for approval of Competent Authority. 01 STP of 0.3 MLD capacity will be installed by December' 2025 and
		remaining 03 STP's (0.6 MLD, 1 MLD, 2.2 MLD) will be installed by December' 2026
(vii)	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Agreed to and will be complied with.
(viii)	The project proponent shall practice rainwater harvesting to maximum	Agreed to and will be samplied with

	possible extent.	Rooftop rainwater harvesting system for ground water recharge through recharge pit cum shaft at Director Bungalow and Guest House buildings is implemented in Gua township.
(ix)	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water practicing cascade use and by recycling treated water.	The condition is not applicable. However, efforts will be made to minimize water consumption.
V.	Noise monitoring and prevention:	
(i)	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Environmental Quality Monitoring covering noise quality at Gua Ore Mines is monitored regularly through JSPCB, Environment Management Division of SAIL and through in-house facilities and reports are being submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report for adjacent Duarguiburu and Topailore Mining leases of Gua Ore Mines.
		The same practice will be followed for Jhillingburu-II Iron & Manganese Ore Mining project once the mining operation commences.
(ii)	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	The efforts will be taken to maintain ambient noise levels below 75 dB(A) during the day time and 70 dB(A) during night time when the mining operation commences.
VI.	Energy Conservation measures :	
(i)	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Agreed to will be complied with.
(ii)	Provide LED lights in their offices and residential areas	Presently, almost all tungsten/ filament bulbs have been replaced with LED lights in all offices/plants and residential areas of Gua Ore Mines.
VII	Waste management:	7

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(i)	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Trans boundary Movement) Rules, 2016.	Agreed to will be complied with.
(ii)	Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant)	Agreed to will be complied with. Presently, two number of biogas plant of appropriate sizes have been installed at Hospital Kitchen and Mines Canteen of Gua Ore Mines.
VIII.	Green Belt and EMP:	
(i)	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Agreed to will be complied with.
(ii)	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.	Greenery is being maintained in the periphery and other available spaces. Efforts are being taken to continue enhancing its plant density and biodiversity.
		During 2024-25, 2480 nos. of saplings of native species like Mango, Jamun, Gulmohar, Karanj, Mahua, Karam, Sheesham, Neem, Sal, Amvla, Imli, Gamar, Pipal, Guava, Bamboo, etc., have been planted in Gua Ore Mines and townships area. Besides this approximate 2200 kg hedges and local grasses have also been planted in the mines slopes, waste dump slopes and slopes of dams.
		In addition to this plantation activity is always carried out during events such as MEMC Week, Wildlife Week, Safety Week, Earth Day and World Environment Day etc. for increasing awareness among the employees and locals.
	A f	However, to comply with the conditions, GHG emissions inventory for the plant and shall the program for reduction of the same including carbon sequestration including plantation will be submitted once the

General Manager (Mines) & E&L SAIL-BSL. Gua Ore Mines

		mining operation starts at Jhillingburu-II Mining Lease.
IX.	Public hearing and Human health issues:	
(i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Gua Ore Mines has been certified with Integrated Management System (ISO 90001:2015, ISO 140001:2015 AND ISO 450001: 2018) along with Energy Management System i.e., ISO 50001:2018. Emergency Preparedness Plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan for Duarguiburu Mining Lease is already implemented under OHSAS (ISO 45001:2018). Emergency Preparedness Plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan for Jhillingburu-II Mining lease will be prepared once the mining operation starts at Jhillingburu-II Mining lease.
(ii)	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Mining operations are being carried out at ambient temperature. However, all the PPEs will be provided to the workers engaged in mining operations.
(iii)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	In Gua Ore Mines most of the construction labour are hired from the local villages and only few are being hired from outside, for which housing facilities along with necessary infrastructure are being provided at the existing colony of the mines.
(iv)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance programs are being conducted periodically to observe any contractions due to exposure to dust so that corrective measures will be taken, if needed. Dispensary facilities for First Aid will be provided at site. Further, PME in every 3 years for person attaining age of 45 years & every 5 years for persons below 45 years are being done.

SAIL-BSL, Gua Ore Mines

X.	Corporate Environment Responsibility:	
(i)	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.11I dated ist May 2018, as applicable, regarding Corporate Environment Responsibility.	Agreed
(ii)	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Agreed SAIL has well laid Corporate Environment Policy (CEP) duly approved by the Board of Directors. In line with CEP, Gua Ore Mines has Integrated Management Policy for Quality, Environment and Safety Standards under ISO,9001, ISO 14001 and ISO 45001.
(iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Environmental Management Cell including laboratory has already been established at the mines. The qualified personnel have taken up the job of strengthening the Environmental Management Cell. Hierarchy of Environment & Lease Department of Gua Ore Mines Chief General Manager (Mines) General Manager (Mines) and in-charge Environment & Lease Deptt. Dy. General Manager (Geo.) and Environment & Lease Sr. Manager (Forest & Environment) Dy. Manager (Environment & Lease)
	General Manage (Mi	Asst. Manager (Environment & Lease) nes) & E&L ne Mines

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	i) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Agreed to and will be complied with.
(iv)	Self- environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Agreed to and will be complied with.
(v)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.	Agreed to and will be complied with.
XI.	Miscellaneous:	
(i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Advertisement was published in two (2) daily newspapers (Dainik Bhasker Daily, Jamshedpur Edition and The Telegraph Daily, Jamshedpur Edition dated 30.12.2018). The clearance letter has been put on the Company website i.e. www.sail.co.in . The copy of the advertisement is enclosed as Annexure-5
(ii)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Copies of the Environmental Clearance have been sent to local Member of Panchayat & Zila Parisad. The clearance letter has been put on the Company website i.e. www.sail.co.in . Also intimated to Local Zilla Parishad Members, Gram Panchayat Members, Mainky & Mundas, etc.
(iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Agreed. Once, the mining operation starts, the status of compliance of EC conditions including results of monitored data will be sent on their website and the copy to concerned Regional Office of JSPCB by e- mail.

General Manager (Mines) & ES SAIL-BSL, Gua Ore Mines

		Same will be updated on half-yearly basis.
(iv)	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Environment Quality Monitoring covering air, water and noise quality at Gua Ore Mines is monitored regularly through JSPCB, Environment Management Division of SAIL and through in-house facilities. The data is digitally displayed in public domain near the main gate of administrative office. Gua Ore Mines has installed a Continuous Ambient Air Quality Monitoring System (CAAQMS) for real time monitoring of Ambient Air Quality within leasehold area. The data is digitally displayed in public domain at the Gua Club site within the Township.
		Copy of the compliance report including environmental quality data will be uploaded to the SAIL web site i.e. www.sail.co.in.
(v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Agreed. Six monthly reports on the status of compliance of the stipulated environmental clearance conditions are being submitted to the Ministry of Environment, Forest and Climate Change at environment clearance portal.
(vi)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Agreed. Once, the mining operation starts, the environmental statement for each financial year ending 31st March in Form V will be submitted to the Jharkhand State Pollution Control Board and subsequently will be put on the website of the company.
(vii)	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Agreed to and will be complied with.
	i.The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed
	ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made	Agreed General Manager (Mines) & E&!

	Public Hearing and also that during their presentation to the Expert Appraisal Committee.	
(viii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agreed
(ix)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environmental (Protection) Act, 1986	Agreed
(x)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed
(xi)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed
(xii)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Agreed
(xiii)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Agreed
(xiv)	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the	Agreed General Manager (M/nes) & EE SAIL-BSL, Gua Ore Mines

National Green Tribunal Act,	
The Environmental Clearance accorded will be valid for the period of lease of the mine, till the PP does not increase production rate and alter lease area during the validity of Environmental Clearance.	

GENERAL MANAGER (MINES) and E&L GUA ORE MINES

BOKARO STEEL PLANT

STEEL AUTHORITY OF INDIA LIMITED (SAIL)

General Manager (Mines) & E& SAIL-BSL, Gua Ore Mines



कार्यालय :- वन प्रमण्डल पदाधिकारी, सारण्डा वन प्रमण्डल, चाईबासा। वन भवन, चाईबासा, पश्चिमी सिंहगूम, झारखण्ड-833201

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विनांक:- 03 | 02 | 20 9 4

सेवा में.

मुख्य महाप्रबंधक, मेसर्स सेल, गुवा लौह अयरक खान,गुवा।

विषय :- मेसर्स सेल (इस्को), गुआ अयस्क खान के जिलिंगवुरू—।। खनन् पट्टा 30.43 है0 वनभूमि का अपयोजन प्रस्ताव के संबंध में।

प्रसंग :--

1. झारखण्ड सरकार वन, पर्यावरण एवं जलवायु परिवर्तन विभाग का ज्ञापांक संख्या—वनभूमि—64/2010—4047 दिनांक 27.10.2023

2. वन क्षेत्र पदाधिकारी, गुवा प्रक्षेत्र, गुवा का पत्रांक 22 दिनांक 24.01.2024

महाशय,

निदेशानुसार उपर्युक्त विषयक प्रासंगिक पत्र संख्या 1 के संबंध में कहना है कि मेसर्स सेल गुवा लौह अयस्क खान के जिलिंगबुरू—II खनन पट्टा के 30.43 है॰ वनभूमि के अपयोजन हेतु Stage-II की स्वीकृति भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली के पत्रांक F.No. 5-JHC/172/2010/894 दिनांक 07.02.2023 द्वारा विभिन्न शर्तों के साथ प्रदान की गई हैं। उक्त स्वीकृत्यादेश में लगाये गये शर्तों का सम्यक समीक्षोपरान्त प्रासंगिक पत्र द्वारा विषयक परियोजना के 30.43 है० अधिसूचित वनभूमि को विमुक्त की गई है।

अतः झारखण्ड सरकार वन, पर्यावरण एवं जलवायु परिवर्तन विभाग का ज्ञापांक संख्या-वनभूमि-64/2010-4047 दिनांक 27.10.2023 द्वारा विमुक्त आदेश एवं वन क्षेत्र पदाधिकारी, गुवा प्रक्षेत्र, गुवा के प्रासंगिक पत्र द्वारा की गई अनुशंसा के आलोक में 30.43 है0 वनभूमि को गैर वानिकी कार्य हेतु विमुक्त की जाती है।

सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

आपका विश्वासी,

वन प्रमण्डल\पदाधिकारी, सारण्डा वन प्रमण्डल,चाईबासा।

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कार / Government of In

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest & Climate Change





संख्या:5-JHC172172/2010/894

दिनांक:07/02/2023

सेवा में.

अपर मुख्य सचिव

वन, पर्यावरण, एवं जलवाय परिवर्तन विभाग झारखण्ड सरकार, नेपाल हाउस, राँची - 834002.

विषय :- मेसर्स सेल (इस्को) की गुआ लौह अयस्क खान के जिलिंगबुरु-॥ खनन पट्टा क्षेत्र में 30.43 हे० वन-भूमि अपयोजन का प्रस्ताव पर अंतिम (स्टेज-॥) स्वीकृतिके संबंध में।

महाशय,

I am directed to refer to you the Jharkhand Govt. letter No.Van Bhumi-64/2010-2461/Va.Pa. dated 14.07.2010, wherein prior approval of Ministry of Environment, Forest and Climate Change for diversion of 30.43 ha of forest land for renewal of Jhillingburu-II Gua Iron Ore mining lease of M/s SAIL (IISCO) in Saranda Forest Division of Jharkhand, was sought in accordance with Section-2 of the Forest (Conservation) Act, 1980. After due consideration of the proposal of the State Government, the 'inprinciple' approval of the Central Government for diversion of the said forest land was accorded vide this office letter of even number dated 29.01.2013 subject to fulfillment of certain conditions. The State Government of Jharkhand vides their letter No.Van Bhumi-64/2010-217/Va.Pa. dated 19.01.2023 have furnished compliance report in respect of the relevant conditions stipulated in the in-principle approval for grant of final approval.

In this connection, on the basis of the compliance report under reference, the final approval of the Central Government under Section 2 of the Forest (Conservation) Act, 1980 is hereby accorded for diversion of 30.43 ha of forest land for renewal of Jhillingburu-II Gua Ore mining lease of M/s SAIL (IISCO) in Saranda Forest Division of Jharkhand, subject to the following conditions and stipulations:-

- (1) Legal status of the forest land diverted shall remain unchanged.
- **(2)** Compensatory afforestation: Compensatory afforestation shall be taken up by the Forest Department over 42 ha. degraded forest land (Village - Chandpur & Bondih RF under Porahat Forest Division) at the cost of the User Agency. As far as practicable a mixture of local indigenous species will be planted and monoculture of a species has to be avoided.
- (3) The KML files of the area to be diverted and the CA area shall be uploaded on the e-Green watch portal before issue of final approval by the State Government of Jharkhand.
- (4) The boundary of the diverted forest land, mining lease area and safety zone shall be suitably demarcated on ground at the project cost as per the directions of concerned Divisional Forest Officer.
- User Agency shall restrict the felling of trees to minimum number in the diverted forest land and (5) the trees shall be felled under the strict supervision of the State Forest Department after issuance of order from the DFO to the effect.

1/38188/2023 1/38188/2023⁽⁶⁾

File No. 5-JHC178/14000B2H2000BMputer No. 188541)

- The user Agency either itself or through the State Forest Department shall undertake fencing, protection and afforestation with native species of the safety zone area (safety zone of 7.5 meter wide strip shall be kept within the mining lease or mining cluster, as applicable and such other areas as specified in the approved mining plan) at the project cost.
- (7) The period of diversion of the said forest land shall be co-terminus with the period of the mining lease granted under the Mines and Minerals (Development & Regulating) Act, 1957 or Rules framed there under.
- (8) The user agency shall undertake mining and reclamation and eco-restoration of the mined out area as per the approved mining plan and the directions of the concerned Divisional Forest Officer. The reclamation and eco-restoration operations should be undertaken with effective adherence to the techno-scientific aspects and emphasis on bio-diversity strictly with native species. User agency should endeavor to surrender such reclaimed area to the state forest department in appropriate temporal manner.
- (9) (a) No labour camp shall be established on the forest land.
 - (b) The User Agency shall provide alternate fuels preferably LPG to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.
 - (c) It will be the responsibility of the User Agency to ensure that the labourers and staff engaged in construction activity do not damage the nearby forest flora and fauna.
- (10) As landscape level compensatory measures to mitigate and offset the adverse impacts of mining activities in the Saranda forests, the User Agency shall make financial contribution for the execution of Integrated Plan(s) for Wildlife & Biodiversity Conservation, Catchment Area treatment and Watershed Management, in the prescribed proportion as per instruction of SFD, Jharkhand. Further, stipulations other than these, if any, mentioned in the Management Plan for Sustainable Mining in Saranda & Chaibasa shall be complied with by the User Agency.
- (11) The User Agency shall, under the supervision of concerned Range Officer of Forests, engage adequate number of members of local JFMCs and provide required tools for effective prevention and control of forest fires in the lease area and adjoining forests as per annual work plans approved by the DFO.
- (12) The User Agency shall undertake activities for development of village resources, infrastructure and welfare of the neighbourhood community.
- (13) The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, department or person without prior approval of the Ministry of Environment, Forests & Climate Change.
- (14) The layout plan of the proposal shall not be changed without the prior approval of the Ministry of Environment, Forests & Climate Change.
- (15) The forest area proposed for diversion shall not be used for any purpose other than that shown in the diversion proposal.

File No. 5-JHC173/100081-1/201



1/38188/2023 1/38188/2023⁽¹⁶⁾

- The change in the layout plan of the mining lease, if required, shall be done as prescribed in the MoEF&CC Guideline F No. 11-42/2017-FC dt 29/01/2018.
- (17) The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.
- (18) User Agency shall obtain Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986.
- (19) The user agency shall submit the self-compliance report in respect of the above conditions to the State Government and to the Regional Office of the Ministry on annual basis.
- (20) The user agency and the State Government shall ensure compliance to provisions of all the Acts, Rules, Regulations, Guidelines, Hon'ble Court Order(s) and National Green Tribunal Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project.
- (21) Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the MoEF&CC Guideline F. No. 11-42/2017-FC dt 29/01/2018.
- (22) Any other condition that the Ministry of Environment, Forests and Climate Change may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area, shall be complied by the user agency.

As has been mentioned at Para-2 of the Stage-II approval, this approval for diversion of forest land is subject to the fulfillment of stipulated conditions mentioned in this approval letter. Therefore, in the event of non-compliance of any of the conditions laid out in this approval letter, the Regional Office of Ministry of Environment, Forests & Climate Change may withdraw the said approval for diversion of the forest land and stop the non-forest activity being carried out in the forest land besides initiating the legal action as per provisions of Forest (Conservation) Act, 1980.

विश्वासभाजन

Signed by Shashi Shankar Date: 07-02-2023 17:17:41 Reason: Approved

(शशि शंकर) सहायक वन महानिरीक्षक

प्रतिलिपि:-

- 1. आई०जी०एफ०, आर०ओ०एच०क्यू०, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्दिरा पर्यावरण भवन, जोर बाग रोड, नई दिल्ली-110003.
- 2. प्रधान मुख्य वन संरक्षक (HoFF)/प्रधान मुख्य वन संरक्षक- सह नोडल पदाधिकारी (एफ. सी.),वन, पर्यावरण एवं जलवायु परिवर्तन विभाग, झारखण्ड सरकार, वन भवन, डोरंडा, राँची ।
- 3. वन प्रमण्डल पदाधिकारी, सारंडा वन प्रमण्डल, चाईबासा, झारखण्ड I
- 4. महाप्रबंधक (माइंस), गुआ लौह अयस्क खान, पोस्ट गुआ, पश्चिमी सिंहभूम, चाईबासा, झारखण्ड I
- নার্ড फाईल ।

सहायक वन महानिरीक्षक



Office of the Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, Jharkhand. Van Bhawan, Doranda, Ranchi-834002 Email: pcci-wildlife@gov.in,Phone No. 0651-2481744



Office Order No.

Dated. 15/04/2025

Sanction Order of the Site Specific Wildlife and Biodiversity Conservation Plan for diversion of 1698.862 ha of forest land for 04 mining leases namely Durgaiburu Iron Ore Mining Lease covering area of 1443.756 Ha, Jhillingburu-I Mining Lease covering area 210.526 Ha, Jhillingburu-II Manganese & Iron Ore Mining Lease covering area 30.43 Ha and Topallore Iron Ore Mining Lease covering area 14.15 Ha prepared in compliance with the condition laid by the MoEF&CC towards ToR of Environmental Clearance granted in favour of M/s SAIL, Gua Ore Mine located in West Singhbhum District of Jharkhand.

The instant Site Specific Wildlife and Biodiversity Conservation Plan (referred to as "the Plan" hereinafter) has been prepared by Ecos Offset Private Limited, Madhubani, Bihar on behalf of "M/s SAIL, Gua Ore Mining" hereinafter referred to as "the Project Proponent" in pursuance of the following conditions of the "in-principle" approval order issued by the Ministry of Environment, Forest & Climate Change, Govt. of India towards granting Environmental Clearance to Gua Iron Ore Mining Project (referred to as "the Project proponent" hereinafter) in West Singhbhum district of Jharkhand.

(1) The following condition has been laid by MoEF&CC under condition no 6 B (xxvi) of environmental clearance approved vide his letter no J-11015/453/2008-IA.II(M) dated 25th March 2013 of Durgaiburu Iron Ore mining of Gua Ore Mines of M/s SAIL (mine lease area 1443.756 Ha) reads as follows:

"6 B (xxxvi). The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely Elephant, Sloth Bear, Palm Civet, Panther, Mouse deer etc. spotted in the study area: Action Plan for conservation of flora and fauna prepared shall be implemented in consultation with the State Forest and Wildlife Department. All the safeguard measures brought out in the Wildlife Conservation Plan prepared specific to this project site shall be effectively implemented. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Bhubaneswar."

Page 1 of 6

- (2) The following condition has been laid by MoEF&CC under condition no (iv) and (xxxl) of Stage-I Clearance/ In-principle approval vide his letter no 38-75/1998-FC (Vol) Dated 25th September 2017 of Jhillingburu-I mining lease of Gua Ore mines of M/s SAIL (mine lease area 210.526 Ha) reads as follows:
- "(iv). The user agency shall abide by the condition issued by the State Government regarding the safe movement of Elephants. The State Government shall ensure that various mines are worked in such a way that the required elephant corridor/ intermittent vegetation zones are always maintained without any long gap/ disturbances. No mining operations will be carried out during the period of movement of Elephant and only working mining pits will be property fenced instead of creating a linear barrier for wildlife movement through fencing of safety zone around the whole mining leases.

(xxxi). No damage to the flora and fauna of the adjoining area shall be caused."

- (3) The following condition has been laid by MoEF&CC under condition no II (iii) of environmental clearance approved vide his letter no EC/SEIAA/2016-17/2053/2017/297 Dated 10.12.2018 of Jhillingburu-II Iron & Manganese Ore Mining of Gua Ore mines of M/s SAIL (mine lease area 30.43 Ha) reads as follows:
- "II. (iii). The project proponent shall prepare a Site Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site Specific Conservation Plan/ Wildlife Management Plan shall be furnished along with the six monthly compliance report. (in case of the presence of schedule-I species in the study area)."
- (4) The following condition has been laid by MoEF&CC under condition no A. 6 of environmental clearance approved vide his letter no EC/SEIAA/2015-16/694/2015/1291 Dated 17.08.2015 of Topailore Iron Ore mining project of Gua Ore Mines of M/s SAIL (mine lease area 30.43 Ha) reads as follows:
- "A. 6. The project proponent shall prepare a Site Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site Specific Conservation Plan/ Wildlife Management Plan shall be furnished along with the six monthly compliance report. (in case of the presence of schedule-I species in the study area)."

In the above stated background, the Regional Chief Conservator of Forests, Singhbhum Region, Jamshedpur vide his letter no. 300 dated 04.03.2025 has submitted the Plan to the office of the undersigned for its due sanction.

In order to examine the plan prescriptions a communication was issued to the Regional Chief Conservator of Forests, Singhbhum Region, Jamshedpur vide this office letter no. 275 dated 17.03.2025, to arrange a Power-Point Presentation of the plan on 24.03.2025 in the Office chamber of the undersigned. The presentation was made by the Project Proponent in presence of Regional Chief Conservator of Forests, Singhbhum Region, Jamshedpur, DFO, Saranda, Sri Kamal Bhasker, CGM (Mines), Sri T.P Dutta, GM, BSL, SAIL, Sri Alok Kumar Yadav, Sr. Manager Kamal Bhasker, CGM (Mines), Sri T.P Dutta, GM, BSL, SAIL, Sri Alok Kumar Yadav, Sr. Manager (E&L), JGOM, BSL, SAIL, Sri Ravi Ranjan Kumar, Manager, BSL, SAIL, Dr. T.C Ananda, DGM, Gua Mines, SAIL, Sri Dharmendra Sethia, Dy. Manager (Env & lease), Gua Ore Mines, Sri Kislay Kumar, Director, ECOS Offset Pvt Ltd and Sri Anzar Anis, Technical Executive, ECOS Offset Pvt Ltd.

The break-up of the financial outlay with respect to the aforesaid implementing agencies is as under:

- · · · - · · · · · · · · · · · · · · ·	Implementing Agency	Budget (Rs. In lakh)
Designation	M/s. SAIL (The Project Proponent/User Agency)	1964.83
Part A Part B	State Forest Department through DFO, Saranda	5027.93
- Tale D	Total	6992.76
i		

The summary of the proposed interventions (component wise) under the Plan with the objective of conservation of forest and wildlife resources as also to mitigate the impacts of mining on forests and wildlife is as follows:

SI. No.	Work Components	PART-A Cost estimates (Rs. In Lakh) To be implemented by the User Agency	PART-B Cost estimates (Rs. In Lakh) To be implemented by the DFO Saranda Forest Division
1	Measures for Anti depredation and Wildlife Protection	631.54	968.90
2	Fire prevention and Forest protection Squad	345.996	556.944
3	Capacity Building and livelihood Improvement to local people	152.00	774.00
4	Awareness promotion	260.00	462.00
5	Wildlife Habitat Protection and Development	-	135.84

		, ħ
6 Improvement of Water Regime and its	-	520.50
<u>' Maintenance</u>		
7 Evaluation and Monitoring	180.00	703.07
Sub Total:-	1569.53	4121.25
9 Contingency fund 2% for operational part (As &	31.39	82,43
when demand note issued by DFO. Saranda)		
Emergency/ corpus fund for human elephant	50	-
, Conflict Mitigation	50	
11 Add Escalation 20% of sub total	313.91	824,25
		<u> </u>
TOTAL:	1964.83	5027.93
Grand Total	6992.76	

The plan with a total financial outlay of Rs. 6992.76 Lakh extends over a period of 10 years (Year 2024-25 to 2033-34; tentatively) out of which Rs. 5027.93 lakh shall be utilized by the Forest Department through DFO, Saranda Forest Division and Rs. 1964.83 lakh shall be utilized by the Project Proponent in accordance with the Plan prescriptions.

Considering the proposals under the plan, sanction is hereby accorded to the instant Plan subject to the following conditions:

- (i) That the Project Proponent shall ensure that its officials/contractors and the work force engaged into mining and allied operations under the Project shall not commit or abet any forest/wildlife offence in their area of operation. They will also promptly report any forest/wildlife offence in the area to the nearest forest office/official. Further, they will extend their full co-operation to the forest officials in control/mitigation of any incident, natural or man made, detrimental to forest and wildlife in their area of operation.
- (ii) That the total amount of Rs.6992.76 lakh involved in the instant Plan consists of two parts Part A and Part B. Part B constitutes of a sum of Rs. 5027.93 lakh which shall be deposited by SAIL, Gua Ore Mines in favour of "Divisional Forest Officer, Saranda Forest Division" in Government Treasury, Chaibasa under the head "Van Preshan Lok Lekha (Praptiyan) Head 8782". DFO, Saranda shall withdraw money from the Treasury for implementation of the works mentioned in the duly sanctioned Annual Plans of Operation as described in the following paras, from "8782 Remittance Head" and maintain accounts under "Lok Lekha Head 8443". DFO, Saranda shall submit monthly account to the Accountant General, Jharkhand as per prevailing norms of the Forest Department. Part A constitutes of a sum of Rs. 1964.83 lakh which shall be utilized by the User Agency towards the activities mentioned in the plan as and when and in the manner as directed by the DFO, Saranda.

- (iii) That as regards the funds earmarked against activities to be undertaken by the State Forest Department, the DFO, Saranda shall prepare detailed Annual Plan of Operations (APO) at the beginning of every Financial Year In accordance with the activities mentioned under the Plan following all the rules, regulations, Schedule of Rates etc. issued from time to time by the State Government/ Forest Department. Regional Chief Conservator of Forests, Singhbhum Region, Jamshedpur shall accord sanction to the said APO following due process and he/she will closely monitor the implementation/progress of the activities undertaken by the Implementing Agencies as per directions issued by the Forest Department from time to time.
- (iv) That the Conservator of Forests, Chaibasa Circle (CF, Chaibasa) shall supervise all the activities as per directions issued by the Forest Department from time to time.
- (v) That the DFO, Saranda shall carry out the activities under the Plan strictly as per the duly sanctioned APOs.
- (vi) That the DFO, Saranda shall ensure that no violation of duly sanctioned Working Plan of Saranda Forest Division takes place during implementation of any of the activities involved in this plan over notified and demarcated forest land.
- (vii) That at least one year before the expiry of the instant Plan, the Project Proponent shall formulate and submit to the Forest Department another plan in continuation of the instant Plan. The impact of implementation of this Plan shall be evaluated by the competent authority.
- (viii) That the instant Plan is dynamic and may be revisited after every 2 years and a revised plan may be formulated as per need of the impact (buffer) area and convenience of the implementing agencies. The revised plan, if any, shall be put up before the Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, Jharkhand for its approval.
- (ix) That though provisions have been made towards cost escalation in the plan, yet the Project Proponent shall submit an Undertaking to the DFO, Saranda to the effect that they will deposit extra cost of the Plan beyond the cost escalation provision owing to increase in wage rate, cost of materials etc. in due course of time as well as consequent upon revision of the plan, if any, as and when given effect to by the competent authority.

Sd/-

Principal Chief Conservator of Forests Wildlife and Chief Wildlife Warden, Jharkhand Memo No.

Dated:

Copy forwarded to Deputy Director General of Forests (Central), Ministry of Environment, Forests and Climate Change, Integrated Regional Office, Harmu Housing Colony, Ranchi [E-mail: ro.ranchi-mef@gov.in] for information and necessary action.

> Sd/-Principal Chief Conservator of Forests Wildlife and Chief Wildlife Warden, Jharkhand

Memo No.

Dated: Copy forwarded to Secretary, Department of Forests, Environment and Climate Change, Govt. of Jharkhand Ranchi/ Principal Chief Conservator of Forests, Jharkhand, Ranchi/ Principal Chief Conservator of Forests-cum-Executive Director, Wasteland Development Board, Jharkhand, Ranchi for Information.

> Sd/-Principal Chief Conservator of Forest Wildlife and Chief Wildlife Warden, Jharkhand

Memo No. Dated:

Copy forwarded to Additional Principal Chief Conservator of Forests, CAMPA, Jharkhand, Ranchi with a copy of plan for Information and necessary action.

> Sd/-Principal Chief Conservator of Forests Wildlife and Chief Wildlife Warden, Jharkhand

Memo No.

Dated:

Copy forwarded to Regional Chief Conservator of Forests, Singhbhum Region, Jamshedpur/ Conservator of Forests, Territorial Circle, Chaibasa/ Divisional Forest Officer, Saranda Forest Division for information and necessary action.

> Sd/-Principal Chief Conservator of Forests Wildlife and Chief Wildlife Warden, Jharkhand

Memo No. 361

Dated: 15/04/2025

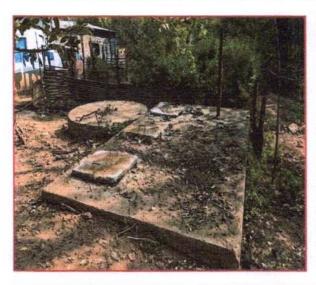
Copy forwarded to CGM (Mines) SAIL-BSL, Gua Ore Mines kamalbhasker@sail.in] for information and necessary action.

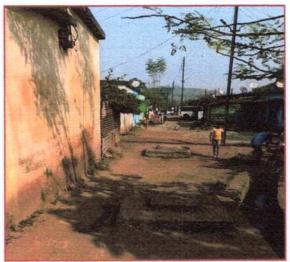
> Principal Chief Conservator of Forests ildlife and Chief Wildlife Warden, Jharkhand

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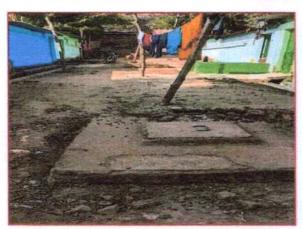
Page 6 of 6

Photographs of Septic Tank and Soak Pit constructed at Gua Ore Mines Township











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KAMAL BHASKER

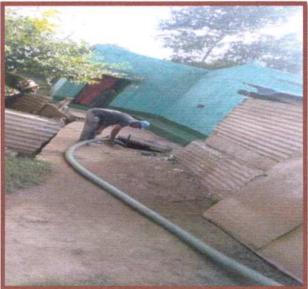
KAMAL BHASKER
मृद्ध भागावत । (IGM (Mines)
सेन, संगदा स्थान । (IGM (Mines)
सिंप स्थान । (IGM (Mines)
सिंप सिंप सिंप सिंप (Mines)

General Manager (Mines) & E&L SAIL-BSL, Gua Ore Mines









Photographs showing Septic tanks and its cleaning through methanical mode

General Manager (Mines) & E&L SAIL-BSL, Gua Ore Minos

Download new Applet-less PKI component for SAIL Users to use SAIL Tender portal on modern browsers (Chrome, Mozilla, Edge)

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Welcome, Krishna Soren

**** 1800 419 20001



Tender Details

TENDER DETAILS	
Organization	Steel Authority of India Limited-Bokaro Steel Plant
Plant/Unit ,	Bokaro Steel Plant
Tender No and Date	BSL/JGOM/CC/17 of 2024-25 Dated 28/03/2025
Tender Title	Supply, Installation, Testing, Commissioning (SITC) of 300 KLD STP and Revamping of Existing Sewage System and Operation & Maintenance of the total system of Gua Ore Mines, Jharkhand.
Short Description	Supply, Installation, Testing, Commissioning (SITC) of 300 KLD STP and Revamping of Existing Sewage System and Operation & Maintenance of the total system of Gua Ore Mines, Jharkhand.
Delivery Period	5 years 6 months
Tender Type	Open-Indigenous
Tender Category	Works
AMOUNT DETAILS	20 C C C C C C C C C C C C C C C C C C C
Tender Currency	INR /
Bidding Document/Processing Fee (INR)	Not Applicable General Manager (Mines) &
EMD Amount	SAIL-BSL, Gua Ore Mine

TENDER DETAILS

TENDER DATES

Tender Issue Date & Time (dd/mm/yyyy hh:mm:ss)

29 Mar 2025 11:30:00

Bid Document Download End Date &Time (dd/mm/yyyy hh:mm:ss)

12 Apr 2025 18:00:00

Pre Bid Meeting

No

Bid Submission Closing Date & Time (mm/dd/yyyy hh:mm:ss):

15 Apr 2025 15:30:00

Bids Opening Date And Time (mm/dd/yyyy hh:mm:ss):

15 Apr 2025 16:01:00

Bid Validity Period

90

Remarks

Tender Creation

CONTACT DETAILS

Name

K Basu

Address

Adm. Building, Block-A, Bokaro Steel

City-827001

Phone/Fax

9407980318

Email Address

ccjgom.bsl@gmail.com

DOCUMENT DETAILS

To View the document details Click here



Print













नहीं रुक रहा दुष्कर्म पीड़िता को धमकियों और प्रताड़ना का दोर... आरोपी दबंगों के दबाब में पीड़िता ने ही गांव छोड़ रांची में वहन के घर ली शरण



जाकर प्रचार-प्रसार करे सहिया



प्रमंडल.स्तरीवराहियांसभीतनं में बोल स्वास्थ्यमंत्रीरामगढ्यद्ववेशी किसानां को समस्याओं पर रेल्लाबे ल्लाइन की योजना स्वीकृत सरकार की योजनाओं का धर्चधर है ब्लाइन को बोलनी की बार्च की समस्यां की समस्यां के स्वास्थ्य की स्वास्थ्य की स्वास्थ्य की स्वास्थ्य की स्वीकृत

(VAV)

आर्थिक रवतंत्रता सेनानी जल्द वन



ुं रिश्ते में जोश के लिये



स्टील अधारिटी ऑफ इंडिया लिमिटेड (भारत सरकार को उपक्रम) रा भेटोखट्स डिबोजत, गुजी अयुरक खान

General Manager (Mines) & E&L SAIL-BSL. Gua Ore Mines

Death in factory

Man kills self

RANCHI: One Robit
Kumar (20) aliepatly committed suckie by jumping
befove a train near Namkusu station on Saturday.



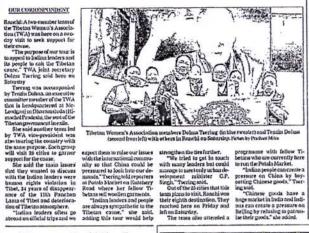
Karate medals

Theftcuffs

Tibetan leaders seek help Roughli The 25 year old son of the 125 officer who did edit object you can be supply to get a suicidal ferniferay, police

Ranchit A two number learned the Thetan Wenner's Association (TWA) was here on a two-day with to seek support for their cause.

"The purpose of our tour is to appeal to Indian teoders and its people to cat the Thetan cause. "TWA joint secretary Dolina Tuering said here on Saturday



register the dies further.

"We tried to get in touch with unany leaders but could manage to merel up urbande welpopment minister GP, Singh, Thorting, to the total team pinns to visit, Kanchi wes their eighth destination. They resched here on Friday and nell on Satusty.

The team also attended a

a-ball/yeer cgo, Alyenora Auvesh Mistra had tred to silt this wrist.

"Not only the Emily of ADO Todasha Mistra. but the ADO Todasha Mistra. b

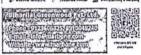
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QUESTAVALA PROTES L'ADMONDADO LE





SOUTH WESTERN RAILWAY

CORRIGIOENDUM No. 047218 dated: 27-12-7918
Tender Closing Time: 14.03 hrs.
Tender Closing Time: 14.03 hrs.
Tender No. 27/2018 Dated: 27-11-2018, the does 14.03 hrs.
Tender No. 18.01197 his. Deach 18.01197 postponed from 27-12-2018 to 05-01-2018 to 05-01-20

Principal Chief Materiels Manager,
Principal Chief Materiels Manager,
South Western Rallway, Hubball - \$50020

STEEL AUTHORITY OF INDIA LIMITED [A Government of India Enterprises] Not Xial Rew Materials Division, Gua Dee Micros. Reskinshind

his von The Materials Distance as the Ween, Statement DuBLIC NOTICE

Julitagburu-II Iron and Manganese G o Meang Project of Gua Ore Meas, Steel Authority of Irofas Limited (SAIA) located at Village Gua Tehai Nannaundi, Duanet West Shiptithama, Jinashandi Nas bean socraded the Previorinandia Jackanun-vidu leiter on ECISEIAA 2016-117205/J20117297 attection ECISEIAA 2016-117205/J20117297 attention attention of ECISEIAA 2016-117205/J20117297 attention of ECISEIA 2016-117205/J20117297 attention of ECIS

There's a little bit of SAIL'in everyhody's life

GOVERNMENT OF CHHATTISGARH WATER RESOURCES DEPARTMENT
OFFICE OF THE CHIEF ENGINEER
HAHANADI CODAWARI BASIN
RAPIUM (C.O.)

-PROCUMENENT TENDER NOTICE

-PROCUMENT TENDER NOTICE WATER RESOURCES DEPARTMENT

obable Amount Rs. 202 00 Lakh

of Cantinasis.

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ger ger executive engineer Water Resources Dirtilon, Chamban for, Chief Engineer, Mainand Godowan Bas Water Resources Depairment, Revoit Ed C.s

Poush Mela begins today Walk-In-Interview

LIVE BANDS DANCE TO JAZZ UR NIGHT

Jamshrulgur: The city will celebrate Founds fraction on surveying the comment of the comment of

कार्यालय कार्यपालन अभियंता े लोक स्वास्त्रय साजिकी साण्य वीज्ञापुर (छ.ग.) (विशेष प्रकाश) रे-कोशुग्दे शिव्य गृष्य Main Ponthibutespecousement good 500 Ponthibutespecognate goods क्रिमीया का व्यो हु विशेष सालिक क्षेत्रय से जाती हैं-

3 .	वि.जा.गु.क. हिनांक	वितरम् विवेदाः सम्बद्ध	कार्य का नाम	कार्य की - अनुगतिक सामा (म. सामा में)	विश्वया प्राप्तनायेश प्राप्ते की भौतक क्षिप	
1,	12 f249 20.12.2018	47244	Previous, Irevas, Inniero, Infectionartieri, Iraving & Josenssoning IRav Vice Rugo Nam of Obera de bruke Iran pustuar Pigen with had to calend mater living (date K-1); with subulk native parkitient/lags in impact of [Secret 14] with Iraving 2000 M. with all pipe of system, speaks in 3 aladed but with include I tool net for the month rick. United SULANUM AUDIEM HATION HATER SUPPORT SORDIER.	1006.54	69.01.2019	
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Hotels, clubs ready to spread New Year cheer

ACHINITYA GANGULA

ACHINIVA GANGULA

Ranchit Renowned hotels in the city are syng with each other to become the ullimite destination of the following the control of the following the city of the following the followin

a cover the cost of a room, night stay. Hotel Le Lac on Line Touk and will organise a similar ent colled Winner Glitter here they will bring in a



UNLIMITED FUN: Hotel Le Lear on Line Touk Rood in Rouchi will bring a Russian dancer and a dance troupe from Calcutta to ring in the New Year, Pasucby Meach Costalbay

Cadcutta to ring in the New troups from Calcutta.

"There will almo be special games for both adults and lide." Convert in case of the Calcutta Cal

nucer and a disness viving a marginal and a disness viving a marginal plant (and the state of th

भारतीय स्टेट चेंक State Bank of India breeden (1911 Helgo selectory), 2019 His freed (1912 (1913 (1914) 1914) (19

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General Manager (Mines) & E&L SAIL-BSL, Gua Ore Mines