



परिवेश
PARIVESH
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



75
आज़ादी का
अमृत महोत्सव



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Proposal Details

Proposal No

IA/CG/MIN/30993/2007

Category

Non-Coal Mining

Name of Project

Boria Tibbu Iron Ore Mine of M/s Godawari Power and Ispat Ltd at village Boria Tibbu, Tehsil Mohala in district Rajnandgaon in Chhattisgarh

Plot / Survey/ Khasra No.

Village(s)

Sub-District(s)

State

CHHATTISGARH

District

RAJNANDGAON

MoEF File No

J-11015/208/2006-IA.II(M)

**Name of the Entity/
Corporate Office**

Boria Tibbu Iron Ore Mines of M/s Godawari Power & Ispat Limited

Entity's PAN

NA

Entity Name as per PAN

NA

Entity details mentioned above is correct ?

Agree

Project KML

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Covering Letter

Covering Letter

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Compliance Reporting Details

Reporting Year

2024

Reporting Period

01 Jun(01 Oct - 31 Mar)

Remark(if any)

Submission of six monthly compliance report for the period of October, 2023 to March, 2024 of EC granted vide no. J-11015-208-2006-IA II(M) dated 31.01.2007 and its amendment dated 15.10.2015

Details of Production and Project Area

Date of Commencement of Project/Activity

01-04-2014

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	0	0
Forest	110.0	110.0
Others	0	0
Total	0	0

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Iron Ore Mine	Tons per Annum (TPA)	705000	705000	2879/RO/TS/CECB/2023	20-04-2025	190479.75
2	Iron Ore	Tons per Annum (TPA)	705000	705000	2879-RO-TS-CECB-2023	20-04-2025	0

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	LAND RECLAMATION	Top soil shall be stacked properly with proper slope with adequate safeguards and shall be back filled for reclamation and rehabilitation of mined out area.	PPs Submission	At present top soil generation is nil. However, topsoil generated in future will be stacked separately and will be utilized for plantation purpose. Agreed to Comply Attachment:NA
2	WASTE MANAGEMENT	Over burden shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 mt. each stage shall preferably be of 10 m and over all slope of the dump shall not exceed 28°. The mine pit area shall be reclaimed by back filling the OB in a phased manner. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and	PPs Submission	The Over Burden (OB) generated during mining operation is being dumped at earmarked dump site and phase-wise stabilization of OB dump is under process. Plantation of native species have been carried out in inactive terraces of OB Dumps. Being Complied Attachment:NA

		<p>management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly bases.</p>			
3	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Garland drains shall be constructed to arrest silt and sediment flows from soil and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de-silted particularly after monsoon and maintained properly. Garland drains (size, gradient and length) shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in</p>	<table border="1"> <tr> <td>PPs Submission</td> <td> <p>Garland drains in and around the OB dump and mineral dumps have been established. Drains are interconnected with series of siltation ponds to arrest the silts and sediments of surface run off. Garland drains around mine pit have been also constructed for maximum discharge of rainfall in the adjoining areas. Well drainage system has been provided separately for discharge of storm water. Being Complied Attachment:NA</p> </td> </tr> </table>	PPs Submission	<p>Garland drains in and around the OB dump and mineral dumps have been established. Drains are interconnected with series of siltation ponds to arrest the silts and sediments of surface run off. Garland drains around mine pit have been also constructed for maximum discharge of rainfall in the adjoining areas. Well drainage system has been provided separately for discharge of storm water. Being Complied Attachment:NA</p>
PPs Submission	<p>Garland drains in and around the OB dump and mineral dumps have been established. Drains are interconnected with series of siltation ponds to arrest the silts and sediments of surface run off. Garland drains around mine pit have been also constructed for maximum discharge of rainfall in the adjoining areas. Well drainage system has been provided separately for discharge of storm water. Being Complied Attachment:NA</p>				

		<p>the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at corners of the garland drains and de-silted at regular intervals.</p>		
4	MINING PLAN	Drilling and blasting shall be by using dust extractors / wet drilling.	PPs Submission	Wet drilling is being performed to minimize dust generation. Being Complied Attachment:NA
5	WATER QUALITY MONITORING AND PRESERVATION	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground water Board.	PPs Submission	5 Nos. of settling pit and 01 No. Pond (80x40x10) have been constructed to recharge surface run off. Piezometer has been installed in mines to monitor ground water level. Further, ground water level is also being monitoring all four seasons by establishing a network of wells. Ground Water level Monitoring Report is enclosed herewith. Being Complied Attachment: Click to View
6	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing	PPs Submission	Piezometer has been installed in mines to monitor ground water level. Further, ground water level is also being monitoring all four seasons by establishing a network of wells. Please refer Ground Water level Monitoring Report as enclosed above. The

		<p>new piezometers during the mining operation. The monitoring shall be carried out four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to MoEF, Central Ground Water Authority and Regional Director Central Ground Water Board.</p>		<p>ground water quality monitoring is being carried out on monthly basis and analysis reports are being submitted regularly to Regional Office, CECB, Bhilai-Durg. Copy of the same is enclosed herewith for your reference. The data collected is being submitted along-with half yearly EC compliance report regularly to the Ministry of Environment and Forests and its Regional Office, Nagpur. Being Complied Attachment: Click to View</p>
7	WATER QUALITY MONITORING AND PRESERVATION	<p>Prior permission from the competent authority shall be obtained for drawl of ground water, if any.</p>	PPs Submission	<p>NOC for withdrawal of ground water has been obtained from Central Ground Water Authority vide letter no. CGWA-NOC-MIN-REN-2-2023-8188; dated 05.9.2023 which is valid up-to 24.07.2024. Application for renewal of the same has already been made and under process. Complied Attachment: Click to View</p>
8	AIR QUALITY MONITORING AND PRESERVATION	<p>Vehicular emission shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in</p>	PPs Submission	<p>All earth moving equipments and vehicles engaged in transportation are undergone periodic Test for vehicular emission. Further, emission level is kept under control by rigorous maintenance of all engines by replacing lubricants as per the recommendations. All the transport vehicles are</p>

		transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded.		being covered with tarpaulin and over loading is strictly prohibited to avoid the fugitive emission. Being Complied Attachment:NA
9	MINING PLAN	A final Mine closure plan, along with details of corpus fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closures for approval.	PPs Submission	Mining is under operation as per our yearly production plan. Hence, final mine closure plan will be submitted in due course of time to MoEF and CC for approval. Being Complied Attachment:NA
10	GREENBELT	Plantation shall be raised in an area of 75.10 ha including green belt of adequate width by planting the native species around the ML area, roads, OB dump sites etc. in consultation with the local DFO /Agriculture Department. The density of the trees shall be around 2000 plants per ha.	PPs Submission	A greenbelt of native species is being developed, total 42426 nos. of saplings have been planted, covering an area of 15.01 ha. inside the mining lease area. Verification of the same has also been carried out. In addition to above, 25000 nos. of saplings have been planted outside, road covering 25KM side areas of the mining lease area The density of existing plantation is around 2500 plants per ha. Being Complied Attachment: Click to View

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents
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1	MINING PLAN	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	PPs Submission	Agreed, Undertaking submitted. Complied Attachment:NA
2	MINING PLAN	No change in the calendar plan including excavation, quantum of mineral iron ore shall be made.	PPs Submission	Agreed, Undertaking submitted. Being Complied Attachment:NA
3	MISCELLANEOUS	Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn up in consultation with the local forests and wildlife department.	PPs Submission	As per the advice of Forest Department, we have provided vehicles, watchman and infrastructural facility as measures to protect Flora, Fauna in core and buffer zone. Being Complied Attachment:NA
4	AIR QUALITY MONITORING AND PRESERVATION	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RPM,SPM,SO2,NOX monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency should be undertaken in consultation with the State Pollution Control Board.	PPs Submission	Four ambient air quality monitoring stations have been established in the core zone as well as in the buffer zone for measurement of PM10, PM2.5, SO2, NOx with the consultation of the State Pollution Control Board. Complied Attachment: Click to View
5	AIR QUALITY MONITORING	Data on ambient air quality (RPM,SPM,SO2,NOX)	PPs Submission	The Ambient Air Quality Monitoring

	AND PRESERVATION	should be regularly submitted to the Ministry including its Regional office located at Bhopal and the state pollution control Board/Central pollution Control Board once in six month.		Data is being submitted to the Regional Office, CECB, Bhilai-Durg regularly. (Please refer enclosure) Air Quality Monitoring data is also submitted to the Ministry of Environment and Forests including its Regional office, Nagpur along with six monthly compliance report. Being Complied Attachment: Click to View
6	AIR QUALITY MONITORING AND PRESERVATION	Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.	PPs Submission	Continuous water sprinkling is being carried out through water tankers on haul roads and other dust generating points and areas. Being Complied Attachment:NA
7	Noise Monitoring & Prevention	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/ muffs.	PPs Submission	Control measures such as maintenance of all machines including checking of silencers on regular basis, installing immovable machinery on foundations and closed rooms are being provided. The workers engaged at noisy areas are being provided with ear plugs,muffs Being Complied Attachment:NA
8	WASTE MANAGEMENT	Industrial waste water (workshop and waste water from the mine)	PPs Submission	No workshop waste water is being generated in mining

		<p>should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluent.</p>		<p>area, as the mining equipment is deployed by the Mine Developer cum Operator (MDO), major repairing and overhauling etc. is done by them outside the lease, therefore, no workshop exists within the lease area. Being Complied Attachment:NA</p>
9	Human Health Environment	<p>Personal working in dusty areas shall wear protective respiratory devices and they shall be provided with adequate training and information on safety and health aspects.</p>	PPs Submission	<p>Personal protective equipments like dust mask, gloves, goggles, ear plugs, helmet, safety shoe etc have been provided to the mine workers. Safety Awareness Training and Information on health hazards are being periodically provided to all workmen. Being Complied Attachment:NA</p>
10	Human Health Environment	<p>Occupational health surveillance program of the workers shall be undertaken periodically to observe any contraction due to exposure to dust and take corrective measures, if needed.</p>	PPs Submission	<p>Periodical medical examination of workmen has been performed and Reports are uploaded at website of Health and Safety Department, Raipur regularly Being Complied Attachment:NA</p>
11	MISCELLANEOUS	<p>A separate environmental management cell with suitable qualified personal shall be set-up under the control of a Senior Executive, who will report</p>	PPs Submission	<p>A separate Environment Management Cell with qualified personnel is functioning under the control of Senior Executive, who</p>

		directly to the Head of the Organization.		reports directly to the Head of the Organization. Information in this respect is being submitted to the ministry time to time Being Complied Attachment:NA
12	MINING PLAN	The project authorities shall inform to the regional office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	PPs Submission	Agreed, Information has already been made in due course of time. Complied Attachment:NA
13	ENERGY PRESERVATION MEASURES	The funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.	PPs Submission	Adequate Funds have been earmarked for environmental protection measures during compliance period incl. fencing, plantation etc. Being Complied Attachment:NA
14	MISCELLANEOUS	The regional office of this ministry located at Bhopal 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.	PPs Submission	Requisite data, information, monitoring reports submitted timely as and when required. Being Complied Attachment:NA

15	MISCELLANEOUS	A copy of clearance letter will be marked to concerned panchayat/local NGO, if any from whom suggestion /representation has been received while processing the proposal.	PPs Submission	Submitted Complied Attachment:NA
16	MISCELLANEOUS	State pollution control board should display a copy of the clearance letter at the regional office district industry center and collector's office/Tehsildar's office for 30 days.	PPs Submission	This has already been Complied, Complied Attachment:NA
17	PUBLIC HEARING	The project authority should advertised at least in two local news papers widely circulated one of which shall be in the vernacular language of the locality concerned, within seven days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of Ministry of Environment of Forests at http://envfor.nic.in and copy of the same shall be forwarded to the regional office of this ministry located Bhopal.	PPs Submission	Copy of environment clearance letter has been published in two local news paper and is available with SPCB and forwarded the same to the Ministries Regional Office. Complied Attachment:NA

Document uploaded by the PP

Last Site Visit Report (if available)

NA

Last Site Visit Report Date (if available)

Additional Attachment (if any)

NA

Additional Remarks (if any)

NA

- I 'Boria Tibbu Iron Ore Mines of M/s Godawari Power & Ispat Limited' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

Cover Letter From RO/SRO

Cover Letter From RO/SRO

NA

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