



सत्यमेव जयते

File No: OL/EC/MIN/JANJGIR_CHAMPA/2823
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA),
CHHATTISGARH)



Dated 30/09/2024



To,

JITEND PRASAD
JITEND PRASAD
C/O Dev Prasad Gabel House No. 86 Jajang Janjgir Chmapa 495689, JANJGIR-CHAMPA,
CHHATTISGARH, 495689
ec.jitendra23@gmail.com

Subject: Grant of EC under the provision of the EIA Notification 2006-regarding.

Sir/Madam,

This is in reference to your application for Grant of EC under the provision of the EIA Notification 2006-regarding in respect of project Jitendra Prasad Gabel grant environmental clearance for mining of Lime Stone capacity – 2,225.23 TPA, Kharsa No. 12 & 13/1 (Part), area - 0.854 Ha. at Village - Jagdali Tehsil and District - Sakti (C.G.) subject to the fulfillment of the terms and conditions recommended by SEAC, C.G. submitted to Ministry vide proposal number SIA/CG/MIN/453760/2023 dated 29/01/2024.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23C0108CG5548065N
(ii) File No.	OL/EC/MIN/JANJGIR_CHAMPA/2823
(iii) Clearance Type	EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vi) Name of Project	Jitendra Prasad Gabel
(vii) Name of Company/Organization	JITEND PRASAD
(ix) Location of Project (District, State)	JANJGIR-CHAMPA, CHHATTISGARH
(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	no
(xiii) Applicability of Specific Conditions	yes

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A and B) were submitted to the Ministry for an appraisal by the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee (SEIAA) in the Ministry under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by State Environment Impact Assessment Authority (SEIAA) Appraisal Committee of SEIAA in the meeting held on 28/06/2024. The minutes of the meeting and all the Application and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on PARIVESH portal which can be accessed by scanning the QR Code above.
5. The brief about configuration of plant/equipment, products and byproducts and salient features of the project along with environment settings, as submitted by the Project proponent in Form-1 (Part A, B and C)/EIA & EMP Reports/presented during SEIAA are annexed to this EC as Annexure (1).
6. The SEIAA, in its meeting held on 28/06/2024, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of EC under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of specific and general conditions as detailed in Annexure (2).
7. The SEIAA has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the State Environment Impact Assessment Authority (SEIAA) Appraisal Committee hereby decided to grant EC for instant proposal of M/s. JITEND PRASAD under the provisions of EIA Notification, 2006 and as amended thereof.
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The EC to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. This issues with the approval of the Competent Authority.

Copy To

S.No.	Address
1	Director, Ministry of Environment, Forest and Climate Change, Prithvi Wing, 2nd Floor, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 100003
2	Integrated Regional Office RAIPUR, MoEF&CC , Govt. of India , Ground Floor, Aranya Bhawan, North Block, Sector- 19, Naya Raipur, Atal Nagar, Chhattisgarh – 492002
3	Director, Directorate of Geology and Mining, Chhattisgarh, Indravati Bhavan, Block-4, Second Floor, Nawa Raipur Atal Nagar, Chhattisgarh India
4	Member Secretary, Chhattisgarh Environment Protection Board, Paryavas Bhawan, Sector-19, Nava Raipur Atal Nagar, District-Raipur (Chhattisgarh)
5	Member Secretary, Central Ground Water Board, West Block-2, Wing-3, Ground Floor, Sector-1, R.K. Puram, New Delhi - 110066
6	Collector, Office of the Collector, JANJGIR-CHAMPA, District-JANJGIR-CHAMPA (C.G.) for information and necessary action.
7	Forwarded to Regional Officer, Regional Office, Chhattisgarh Environment Protection Board, Bilaspur for information and necessary action.

Annexure 1

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
1.2	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.
1.3	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.
1.4	The project proponent shall obtain the necessary permission from the Central Ground Water Authority. (If required)
1.5	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.
1.6	Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.
1.7	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
1.8	Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein

2. Air Quality Monitoring And Mitigation Measure

S. No	EC Conditions
2.1	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Online ambient air quality monitoring station/stations may also be installed in addition to the regular air monitoring stations as per the requirement and/or in consultation with the SPCB
2.2	Transportation of limestone, to the extent if permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water sprinkling/rain gun/ Fog cannon /mist sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the transport roads, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.
2.3	Major approach roads shall be black topped and properly maintained.
2.4	The transportation of limestone shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the limestone through the existing road passing through

S. No	EC Conditions
	any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
2.5	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
2.6	Environmental friendly sustainable technology should be implemented for mitigating such parameters.
2.7	Adequate number of water sprinkling arrangements shall be provided to reduce the impact of air pollution at dust generating sources with time bound action plan.
2.8	Post environmental closure third party monitoring by reputed instituted in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continuous AQMS, site specific water regime. Also third party shall analyses the implementation of river diversion, meeting to the requirement of project report.

3. Water Quality Monitoring And Mitigation Measures

S. No	EC Conditions
3.1	The effluent discharge (mine wastewater) shall be monitored in terms of the parameters notified under the Water Act, 1974 as amended from time to time by the Central Pollution Control Board.
3.2	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.
3.3	Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
3.4	Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.
3.5	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
3.6	Garland drains (of suitable size, gradient and length) around the critical areas i.e. mine shaft and low lying areas, shall be designed keeping at least 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. The sump capacity

S. No	EC Conditions
	shall also provide adequate retention period to allow proper settling of silt material of the surface runoff.
3.7	The water pumped out from the mine, after siltation, shall be utilized for mining purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
3.8	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
3.9	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/ EIA-EMP submitted to this Ministry and the same should be done with due approval of the concerned State/GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.
3.10	The project proponent shall take all precautionary measures to ensure reverian/ riparian ecosystem in and around the mine upto a distance of 5 km. A reverian /riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.
3.11	Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction by installing a RO plant with proper supply line and Taps within 2 years.

4. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
4.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
4.2	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

5. Mining Plan

S. No	EC Conditions
5.1	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.

S. No	EC Conditions
5.2	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws and the relevant circulars issued by Directorate General Mines Safety (DGMS).
5.3	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.
5.4	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.

6. Land Recalvation

S. No	EC Conditions
6.1	Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan.
6.2	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.
6.3	Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3rd November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and SPCB.
6.4	A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring & implementation of mitigation measures be carried out.
6.5	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.
6.6	Native tree species shall be selected and planted over areas affected by subsidence.
6.7	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.

7. Miscellaneous

S. No	EC Conditions
7.1	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.
7.2	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.
7.3	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.
7.4	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.
7.5	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.
7.6	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
7.7	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
7.8	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
7.9	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).
7.10	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
7.11	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
7.12	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
7.13	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.
7.14	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention

S. No	EC Conditions
	<p>& Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary 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.</p>
7.15	<p>The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.</p>
7.16	<p>Compensation of the land acquired for the project shall be settled as per the R&R Policy. Adequate facility of drinking water, plantation and other social amenities should be provided to established R&R villages.</p>
7.17	<p>Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.</p>
7.18	<p>The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours</p>
7.19	<ol style="list-style-type: none"> 1. No excavation work will be done in the future around the mine area (area restricted for excavation). 2. Top soil will be kept in the restricted area for excavation of the lease area and PP shall ensure to conserve the top soil for reclamation of mine and for plantation. 3. Dense plantation of trees around the 7.5 meter mine lease area (area restricted for excavation) and ensuring a 90 percent survival rate of the planted plants. 4. Regular water sprinkling arrangements in the mine lease area and also in haul road to control the fugitive dust emissions. 5. Employment provided to the local people under the Chhattisgarh Model Rehabilitation Policy. 6. Project proponent shall ensure that any kind of contaminated water (if generated) shall not flow into the natural water source, pond, river, drain under any circumstances. 7. Project proponent shall ensure that fulfillment of the assurance given to the local villagers regarding resolution of various issues raised during public hearing. 8. There should be regular monitoring of the mining activities in the State to ensure effective compliance of stipulated EC conditions and of the provisions under the Minor Mineral Concessions Rules framed by the State Government. 9. Project proponent shall ensure that mining operation shall be carried out in day time. 10. The pollution load due to transportation on the environment shall be effectively controlled and water sprinkling shall also be done regularly. 11. Project proponent shall ensure that control blasting and this shall be done by DGMS authorized license holder. 12. Project proponent shall ensure that the construction of boundary pillars as per Mineral Concession Rules, 1960 (as amended). 13. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded. 14. Project proponent shall submit Completion certificate of proposed plantation under CER

S. No	EC Conditions								
	activities, 7.5 meter safety barrier plantation along with Geotag photographs in six monthly compliance report.								
7.20	<p>Corporate Environment Responsibility</p> <p>1. CER Details :</p> <table border="1"> <thead> <tr> <th>Capital Investment Lakh Rupees)</th> <th>Percentage (inCapital Investment be Spent</th> <th>of Amount Required for CER Activities (in Lakh Rupees)</th> <th>Amount Proposed & Details for CER Activities (in Lakh Rupees)</th> </tr> </thead> <tbody> <tr> <td>15.74</td> <td>2%</td> <td>0.3148</td> <td> Particulars Following activities at Nearby Village- Jagdalli Plantation around village pond Total 0.56 </td> </tr> </tbody> </table> <p>Plantation shall be done under the provisions of Corporate Environment Responsibility. Plantation shall be done around pond at Village - Jagdalli in which a total of 37 plants out of which 7 plants are already located around the pond. Amount for remaining 30 plants in first year will be Rs. 22,250 Rs. (Plantation cost - Rs. 3,000, fencing cost - Rs. 9,000, fertilizer cost - Rs. 2,250, irrigation and maintenance Rs. 8,000). Remaining amount Rs. 33,000 will be spent in next 4 years.</p> <p>Gram Panchayat Bailachua had given NOC to the project proponent for the Plantation under Corporate Environment Responsibility.</p> <p>2. Project proponent shall form a tripartite committee (Mine owner, Representative of District administration/CECB and Member of Gram panchayat) which will monitor the compliance of Green Belt within the premises, Corporate Environmental Responsibility activities and CEMP activities.</p>	Capital Investment Lakh Rupees)	Percentage (inCapital Investment be Spent	of Amount Required for CER Activities (in Lakh Rupees)	Amount Proposed & Details for CER Activities (in Lakh Rupees)	15.74	2%	0.3148	Particulars Following activities at Nearby Village- Jagdalli Plantation around village pond Total 0.56
Capital Investment Lakh Rupees)	Percentage (inCapital Investment be Spent	of Amount Required for CER Activities (in Lakh Rupees)	Amount Proposed & Details for CER Activities (in Lakh Rupees)						
15.74	2%	0.3148	Particulars Following activities at Nearby Village- Jagdalli Plantation around village pond Total 0.56						

Annexure 2

Details of Products & By-products

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
Limestone	Limestone	2225.23	Tons per Annum (TPA)	Rail	2225.23 TPA is equal to 890.09 cubic meter per year. Please also consider this Unit in cubic meter

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
					per year for issuance of EC so that controversy on royalty calculation can be avoided at mining office.

