



**State Environment Impact Assessment Authority, M.P.**  
(Government of India, Ministry of Environment & Forests)

**Environmental Planning & Coordination Organization**

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No: 2229 / SEIAA /16

Date: 28.6.16

To,  
M/s Hira Power & Steels Ltd.,  
Shri O.G. Goyal, Executive Director & Nominated Owner,  
101-C, Parwani Complex Civil line  
Raipur (C.G.) – 492001

**Sub: Case No. 3527/2015**, Prior Environmental Clearance for **Dolomite Mine** (Opencast other than fully mechanized Method) in an area of 4.98 ha. for Production Capacity of 1.84 Lakh TPA at Khasra No. 82 & Part of 13 at Vill.- Sangam, Tehsil- Sousar, District- Chhindwara (M.P.) by M/s Hira Power & Steels Ltd., Shri O.G. Goyal, Executive Director & Nominated Owner, 101-C, Parwani Complex Civil line Raipur (C.G.) – 492001.

This has reference to your letter received in SEIAA office on 11.08.2015 and subsequent letters seeking Prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form - I, Pre-Feasibility Report, ToR and subsequently submission of EIA, Public Hearing and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

II. It has been noted that the proposal is for **Dolomite Mine** in an area of 4.98 ha. The mining lease area is located in Nos. 82 & Part of 13 at Vill.- Sangam, Tehsil- Sousar, District- Chhindwara (M.P.). It lies at geographical co-ordinates at latitude  $21^{\circ} 33' 19.78''$  N to  $21^{\circ} 33' 29.89''$  N longitude  $78^{\circ} 52' 42.84''$  E to  $78^{\circ} 52' 48.28''$  E. The nearest Village Lodhikheda is located at the distance of 4 km. North West. There is no National Park/Sanctuary within 10 Km radius. There is forest boundary within 250m from mining site.

The proposed project is for production capacity of **1.84 Lakh TPA**. The mining will be carried out by Opencast other than fully mechanized method. The Mining plan is approved by the IBM (vide letter no. CNW/DOL/MPLN-21/NGP dtd. 11.01.2012). The 1.60 ha area shall be covered under plantation and 5000 saplings shall be planted at the end of lease period

III. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14<sup>th</sup> September 2006.

IV. Based on the information submitted, as at Para (II) above and others the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 300<sup>th</sup> meeting dtd. 29.02.2016 and decided to accept the recommendations of 232<sup>nd</sup> SEAC- meeting dtd. 28.10.2015.

Hence, Prior Environmental Clearance is granted for **Dolomite Mine** (Opencast other than fully mechanized Method) in an area of 4.98 ha for Production Capacity of 1.84 Lakh TPA at Khasra No. 82 & Part of 13 at Vill.- Sangam, Tehsil- Sousar, District- Chhindwara (MP) **for the lease period to M/s Hira Power & Steels Ltd., Shri O.G. Goyal, Executive Director & Nominated Owner, Hira Power & Steels Ltd., 101-C, Parwani Complex Civil line Raipur (C.G.) – 492001, subject to the compliance of following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.**

#### **A. Specific Conditions**

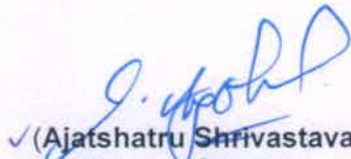
- 1 From the hydro-geological study report, the general ground water table is between RL 317-318 and depth of mining proposed is RL 314. There is every likelihood that the ground water will get polluted due to deep mining. PP should ensure adequate measures in consultation with CGWB that general ground water in the area should not get polluted even if the ultimate depth of mining is restricted.
- 2 CSR activities should be undertaken in consultation with District Administration on the following items :-
  - I. Construction of hall for social activities in Sangam Village.
  - II. Constriction of Pakka Road
  - III. Construction of Individual toilets with proper water facilities
  - IV. Any other activity finalized by the district administration during consultation process.
- 3 As per the report of the Tehsildar, Sausar, the human settlement is about 25m. from the mining site. PP will ensure a buffer of 100m. as a no mining zone to avoid air & noise pollution.
- 4 PP shall fence the entire ML area and develop a green belt in two rows of local species.
- 5 No crusher shall be installed at the mining site.
- 6 Pumped out water of the mined out pits should be utilised for development of greenbelt.
- 7 Water samples of the existing pond, well, tube-well, handpump etc., within 500 m area of mining site should be tested annually via authorized water testing laboratory by PP.
- 8 Shed along with the first-aid facility shall be developed for the workers at mining site.
- 9 The width of settling pit should be suitably increased to enhance the settling time of suspended particles.
- 10 The supernatant water from settling tank should be used for the haul road spraying.
- 11 Thick plantation should be carried out towards river and agricultural field side
- 12 The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- 13 PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
- 14 Transportation of material shall be done in covered vehicles.
- 15 Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
- 16 Curtaining of site shall be done using appropriate media.
- 17 The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
- 18 Transportation shall not be carried out through forest area.
- 19 Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
- 20 PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

- 21 Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

## **B. Standard Conditions**


- 1 Controlled blasting techniques, as and when required, shall be carried out in the day time only.
- 2 Mining will be carried out as per the approved Mining Plan. In case of any violation of Mining Plan the Environmental Clearance given by SEIAA will stand cancelled.
- 3 Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points.
- 4 Where the quarry is in a hilly terrain and where some part of the hill is already cut for quarrying, further hill cutting shall not be done. In such cases, deepening the existing operational area may be preferably done.
- 5 Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for all proposals under consideration.
- 6 The lease holder shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of water (surface water and groundwater), if required for the project.
- 7 Parking of vehicles should not be made on public places.
- 8 Special Measures shall be adopted to prevent the nearby settlements from the impacts of mining activities. Maintenance of roads through which transportation of minor minerals is to be undertaken, shall be carried-out regularly.
- 9 Measures for prevention and control of soil erosion and management of silt shall be undertaken.
- 10 Trenches / garland drains shall be constructed at foot of dumps to arrest silt from being carried to water bodies.
- 11 The project proponent will ensure necessary protection measures around the mine pit, waste dumps and garland drain.
- 12 Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area.
- 13 Plantation programme shall be carried out as per EMP. Self sustenance of the vegetation should be ensured. No tree-felling shall be done in the leased area, except only with the permission from competent authority.
- 14 The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation.
- 15 Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
- 16 Persons working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
- 17 Dispensary facilities for first-aid shall be provided at site.
- 18 A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies, as applicable, in addition to the relevant officers of the Government
- 19 The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
- 20 Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

21 Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
(Ajatshatru Shrivastava)  
Member Secretary

2230  
Endt No. / SEIAA/16 Dated: 28.6.16  
Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Mantralaya, Bhopal.
2. Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-4620 16
3. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
4. Collector, District - Chhindwara, M. P.
5. Divisional Forest Officer, District - Chhindwara, M. P.
6. I.A. Division, Monitoring Cell, MoEF& CC, Gol, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi- 110 003.
7. Director (S), Regional office of the MoEF, Western Region, Kendriya Paryavaran Bhawan, Link Road No. 3 Ravi Shankar Nagar, Bhopal-462016.
8. Director, Geology & Mining, Madhya Pradesh, 29-A, Khanij Bhawan, Arera Hills, Bhopal - 462002.
9. District Mining Officer, District - Chhindwara, M. P.
10. Guard file

  
(Alok Nayak)  
Officer-in-Charge

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