

Speed-Post

# State Level Expert Appraisal Committee

(Formed as per S.O. no. 1533 dated 14<sup>th</sup> Sept 2006 of Government of India, Ministry of Environment & Forests)

**PARYAWARAN PARISAR, E-5, ARERA COLONY, BHOPAL – 16**

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No. /PS-MS/MPPCB/SEAC/TOR/APR/2008 Bhopal, dt.

/06 /2008

To,

**M/s. M.P. Lime works  
2497 Napier Town,  
Jabalpur**

CASE NO: 27 /2008

**Sub: M/s. M.P. Lime works Mining lease area 10.60 Ha, Minig of Dolomite 6707 tonnes Seoni,  
Distt. Jabalpur (M.P) - Prescribing of TOR for EIA/EMP - Regarding.**

Sir,

Reference is invited to your letter dated 19/03/2008 received along with the Form -1, pre-feasibility report and the draft TORs for the purpose of obtaining environmental clearance under the provisions of the EIA Notification, 2006 in respect of the above mentioned project.

1. The proposal is for opening of a new mine for production of 6707 ton/annum of **Dolomite**. The mine lease area is 10.60 ha. The mining lease for the said site has not been furnished. Mining plan has been approved by IBM vide letter no. MP/Jabalpur/dolomite/MPLN/G-4/94-95 dated 17/10/1994.

2. Maps (1:25,000) from interpretation of Satellite imagery procured from NRSA have to be submitted depicting the following:

- ❖ Recent land use features in the region.
- ❖ Other proposed or working mines in the region.
- ❖ Map Depictions: Coloured maps depicting land-use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned).
- ❖ Location is also to be shown in Tehsil map procured from revenue department.

3. Based on the information contained in the documents submitted and the presentation made before the State Expert Appraisal Committee (SEAC) for mining projects during its Meeting held on May 13 -14, 2008, the following additional TORs are prescribed for including in the EIA and EMP report:-

- I. The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi.
- II. Data in the EIA should be given for the entire mine life.
- III. Geological plans and sections.
- IV. The reclamation plan, post mine land use and progressive greenbelt development plan shall be prepared in tabular form (prescribed format) and submitted.
- V. Information on site elevation, working depth, groundwater table should be provided both in AMSL and BGL. A schematic diagram may also be provided for the same.

- VI. Location of National Parks, Sanctuaries, biosphere Reserves, Wildlife corridors, Tiger/Elephant reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated. A location map duly authenticated by Chief Wildlife Warden should also be provided in this regard. Authenticated list of extinct & endangered fauna as per Schedule I, II, III and IV has to be provided. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the State Wildlife Department/ Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
- VII. Details of mineral transportation and its impact have to be evaluated and presented.
- VIII. Details with justification for adopting the proposed mining technology and mining equipment deployment including mine geometry also to be provided
- IX. Five year stage-wise Conceptual mine plan should also be presented as applicable.
- X. Details of waste generation and its management. In case of any proposed backfilling, plan for backfilling should also be provided. Management of OB solid waste generated during mining has to be addressed. A leachate study of the solid waste has to be conducted.
- XI. One season (non-monsoon) primary baseline data on ambient air quality should be collected along with quality assessment for surface and ground water of the region. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified. For air monitoring it may be kept in view that there is at least one monitoring station in the unwind direction and one in predominant downwind direction where maximum GLCs are likely to occur. Other aspects like habitation and sensitive receptors may also be kept in view. The monitoring stations should be shown on the location map super imposed with windrows.
- XII. Prediction of impacts on air and water quality of the region due to mining has to be prepared & presented using appropriate models as prescribed by CPCB.
- XIII. Data on groundwater table and its fluctuation in different season.
- XIV. EMP should have plans for ground-water recharging and water-shed management.
- XV. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished.
- XVI. Impact of change of land use particularly grazing/ agriculture land. Alternate arrangements made in this regard should also be presented.
- XVII. Public hearing points raised and commitment of the project proponent on the same along with financial allocation and time bound action plan to implement. Summary of specific points raised and their responses to be presented in a tabular form.
- XVIII. Any litigation pending against the project and /or any direction /order passed by any Court of Law against the project, if so, details thereof.
- XIX. Details of R&R / compensation and the related social issues.
- XX. Details of greenbelt afforestation. Species of plants proposed in the green belt development as per standard guidelines of CPCB/State Forest Department should be listed. Additional species should also be considered for plantation on need-based survey of the local population.

- XXI. Necessary clearance from the Competent Authority for drawal of requisite quantity of water for the project should be provided.
- XXII. Other mandatory permissions and clearances from various authorities.
- XXIII. Water and shelter for the workers at mining site has to be ensured.

4. Besides the above, the below mentioned general points have also to be followed:-

- a) All documents to be properly referenced with index, page numbers and continuous page numbering.
- b) Where data are presented in the report especially in tables, the period in which the data were collected and the sources should be indicated.
- c) Where the documents provided in a language other than English, an English translation should be provided.
- d) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- e) Approved mine plan and the mine-closure plan along with copy of the approval letter for the proposed capacity should also be submitted.

5. The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

6. After incorporating the above mentioned aspects in the EIA (as per the generic structure prescribed in Appendix-III of the EIA Notification, 2006), the proponent will get the public hearing conducted and take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification, 2006.

**(R.K. Jain)**  
**Secretary**

No. /PS-MS/MPPCB/SEAC/TOR/APR/2008 Bhopal, dt.

/2008

**Copy to:-**

1. The Member Secretary, Madhya Pradesh SEIAA, EPCO, E-5 Paryavaran Parisar, Arera Colony Bhopal..
2. The Chairman, Madhya Pradesh Pollution Control Board, E-5 Paryavaran Parisar, Arera Colony Bhopal.
3. The Principal Chief Conservator of Forest, Ground floor Satpuda Bhawan, Bhopal (M.P)
4. The Chief Conservator of Forest (C), Regional Office (WZ), Ministry of Environment & Forests, Kendriya Paryavaran Bhawan, Link Road No.-3, E-5, Arera Colony, Bhopal - 462 016.
5. Guard File.

**(R.K. Jain)**  
**Secretary**