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MINUTES OF THE 5th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD ON 7th JUNE 2013

As authorized by the SEAC in its meeting held on 16th - 17th May 2013 an emergent (3rd) meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held on 28th May 2013 under the Chairmanship of Sh. A.K. Saxena in the Chamber of Member Secretary, Jharkhand State Pollution Control Board (JSPCB), Ranchi. Since the Project Proponents had not complied with the requirements another meeting was rescheduled for 7th June 2013. The following members were present:

1. Sh. S.K. Sinha - Secretary

The following observations were made during the discussions with Project Proponents (PP) - Project Wise.

1. Stone Quarry of M/s. Madhucon Project Ltd. at Sarengdih, Chandil, Dist - Saraikela-Kharsawan, Jharkhand (Area 8 acres i.e. 3.24 Ha).

The PP informed that the desired information has been submitted. The papers submitted were examined and found to be as per requirement.

The various conditions which the PP may be asked to comply are attached as Annexure I

SEAC examined the proposal and recommends to SEIAA for consideration for issue of EC.

2. Stone Quarry of M/s. Madhucon Project Ltd. at Tamar, Dist - Ranchi, Jharkhand (Area 10 acres i.e. 4.05 Ha).

The PP informed that the desired information has been submitted. The papers submitted were examined and found to be as per requirement.

The various conditions which the PP may be asked to comply are attached as Annexure I

SEAC examined the proposal and recommends to SEIAA for consideration for issue of EC.


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3. Stone Quarry of M/s. Keystone Infra Pvt Ltd at Namkum, Dist – Ranchi Jharkhand (Area 6.0 acres i.e. 2.43 Ha).

The PP informed that the desired information has been submitted. The papers submitted were examined and found to be as per requirement. PP also submitted an work order between M/s. Madhucon Project Ltd and M/s. Keystone Infra Pvt Ltd. M/s Keystone has given an undertaking that the boulders from this quarry will only be supplied for Road Building project (NH 33) for which they have an agreement with M/s. Madhucon for completion of the said project.

The various conditions which the PP may be asked to comply are attached as Annexure I

SEAC examined the proposal and recommends to SEIAA for consideration for issue of EC.


Secretary
SEAC


Chairman
SEAC

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A. Specific Conditions

1. All the conditions stipulated by the Jharkhand State Pollution Control Board, Ranchi in their Consent to Establish shall be effectively implemented.
 2. The project proponent shall obtain Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein.
 3. The environmental clearance is subject to grant of mining lease by the Department of Mines, Government of Jharkhand and all other Statutory Conditions as imposed by various agencies / District Authorities are complied to.
 4. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
 5. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
 6. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project.
 7. The Project proponent shall abide by the obligations provided under section 24, 31 and 33A of the Water (Prevention & Control of Pollution) Act, 1974 and shall extend co-operation to the Board in performing its functions entrusted under section 20, 21, 23, 30 and 32 of the Act.
 8. The Project proponent shall comply with the requirements of the Water (Prevention & Control of Pollution) Cess Act, 1977 read with the Water (Prevention & Control of Pollution) Cess Rules, 1978.
 9. The Project proponent shall abide by the obligations provided under section 22, 23 and 31A of the Air (Prevention & Control of Pollution) Act, 1981 and shall extend co-operation to the Board in performing its functions entrusted under sections 24, 25 and 26 of the Act.
 10. The Project proponent shall abide by the obligations provided under sections 5, 7, 8 and 9 of the Environment (Protection) Act, 1986 and shall extend co-operation in performing the functions entrusted under section 3, 10 and 11 of the Act.
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11. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand shall be obtained and pit water management Plan is to be prepared and submitted to Jharkhand State Pollution Control Board, Ranchi.
12. The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating/passing through the mine lease area during the course of mining operation.
13. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
14. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
15. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
16. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
17. Greenbelt shall be developed all along the mine lease area and haul roads. Fast growing and local species will be planted. Work has to be taken up before this year monsoon.
18. 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 transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

19. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand.
20. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
21. Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand.
22. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
23. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
24. Drills shall either be operated with the dust extractors or equipped with water injection system.
25. Mineral handling area shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
26. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10) levels are within prescribed limits.
27. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
28. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
29. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for

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- cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
30. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
 31. A Final Mine Closure Plan shall be submitted to the Jharkhand State Pollution Control Board, Ranchi as well as to concerned DMO and it shall be in line with the one approved by competent authority.

B. General conditions

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi .
 2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
 3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
 4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
 5. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space.
 6. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
 7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained. The Project proponent shall install fixed type water sprinklers to cover all dusty places in the premises to impart water spraying intermittently and during loading, unloading of raw materials/products and wastes.
 8. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
 9. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the
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standards Oil and grease trap should be installed before discharge of workshop effluents.

10. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
11. Dispensary facilities for First Aid shall be provided at site.
12. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
13. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi .
14. The Regional Office of Jharkhand State Pollution Control Board, 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.
15. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its Regional. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
16. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
17. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently.

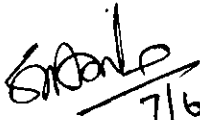
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18. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Jharkhand State Pollution Control Board, Ranchi, may modify the above conditions or stipulate any further condition in the interest of environment protection.
2. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
3. The above conditions will 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 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.


Secretary
SEAC


Chairman
SEAC