

The meeting conducted on 14th December, 2011 was presided by Shri S.C. Jain, Chairman. Following members attended the meeting-

Shri K.P. Nyati, Member
Prof. V. Subramanian, Member
Dr Mohini Saxena, Member
Shri A.P. Srivastava Member
Shri V.R. Khare Member
Shri R.K. Jain, Member Secretary

The Chairperson welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. Confirmation of the dates for the next meeting

The 87th meeting was decided for 7th January 2012.

2. Consideration of the Projects

05 cases were invited to make presentation before the SEAC.

Deliberations:

- 1. Case No. 650/2011** M/s Katni Minerals (Pvt.) Ltd. 26, Commercial Complex, Housing Board Colony, Katni (M.P.) 483 504 - Padwar Bauxite Mine, Area 25.82 ha., at 158 P Village - Padwar, Tehsil- Bahoriband, Distt.- Katni (M.P.) Proposed Capacity: 0.075 MTPA- **Env. Consultant: Presented by the PP.**

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC. The project was forwarded by the SEIAA for approval of TOR to carry out EIA / EMP. It was reported that mining lease over an area of 25.82 ha to M/s. Katni Mineral Pvt. Ltd., by the Govt. of Madhya Pradesh for a period of 30 years vide their letter No. 3-52/07/12/2 dated 12.09.2011. It is proposed to start mining with the production capacity of 75000 TPA of Bauxite.

PP with his consultant presented the case before the committee which revealed following:

Open cast other fully mechanized mining is proposed with occasional drilling and blasting. Ultimate depth of Mining is reported to be 6 m (up to 431 m AMSL) and Ground water table is reported to be 15 – 20 m bgl of 435m AMSL (415– 420 m AMSL). Mining shall not intersect the Ground water level.

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Location Aspect and Environmentally sensitive features in 10 Km radius:

Location	Village : Padwar, Tehsil : Bahoriband, District : Katni, State : Madhya Pradesh
Total Area	25.82 ha
Type of Lease Area / ownership	Government Waste land
Cost of the Project	10.0 Million
Mining Plan Approval	Mining Plan is approved by IBM vide letter no.MP/Katni/Bauxite/MPLN/G-02/11-12 dated 05.08.2011
Nearest Villages	Padwar 2.5 Km North East
Jujhawal Reserve Forest	1.0 km North West
Amoch Reserve Forest	3.0 km South West
Open mixed Jungle	3.0 km South West
Chiulapani Reserve Forest	9.0 km South West
Padwar Tank	1.5 km North East
Chapra Tank	2.0 km South East
Seasonal Nalla	50m in NE, SE & SW

It was reported by the PP that the total water requirement for the project is around 12 KLD, which is proposed to be sourced out from surface/ ground water and rain water harvested in pits. The development and production is proposed side by side. The lateritic soil present is proposed to be removed first and then bauxite will be mined out with the help of excavator cum loader as well as manual means. Height & width of the bench will be maintained at 4.5m. Total waste generation during life of mine is reported to be about 3, 85, 000 cum. The overburden waste will be in form of Lateritic soil mixed with grits and pebbles and intercalated clay. External dumping in form of protective bund in the barrier zone especially towards seasonal water course is proposed during plan period. From 6th year onwards simultaneous backfilling is proposed.

Green area development at the end of the lease period is reported to be in 7.41 ha with plantation of 38440 plants. The PFR was also presented by the PP along with the proposed TOR. After deliberations committee has approved TOR to carry out EIA / EMP with inclusion of following points:

- Proposed site is surrounded by local nalla in view of the fact PP shall have to ensure that the OB is not placed towards nalla.
- Measures proposed for protection of nalla from mining has to be detailed out in the EIA.
- Contour study of the site depicting the flow and trajectory of nalla and other water bodies of the region have to be submitted.

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- Development of thick green belt has to be taken up towards the nalla in consultation of experts from Forest Department.
- One of the ambient air quality monitoring stations should be stationed towards forest boundary and one station should be towards the border facing other mines.
- Transportation route for transportation of materials has to be submitted along with the map of the same.
- Details of Final Closure Plan proposed after the lease period / mine life has to be submitted with EIA.
- Accumulated water in the pits has to be collected in organized collection pond and should be used after appropriate treatment. Proposal for the same has to be submitted with the EIA.
- Executive summary of the EIA report and declaration regarding authenticity of the data used in the report have to be submitted.
- Point-wise compliance of the ToR to be included.
- Duly attested & certified Mining Plan approved by competent authority has to be submitted along with the copy of current lease deed and lease letter.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species & various fire-wood trees should be taken up. Map showing green belt and other green areas to be submitted.
- Plantation in at least 33% of the total area has to be ensured within the lease period; accordingly plan has to be submitted with EIA.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.

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- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- 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)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC from Gram Sabha.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- Distance to the project site from the inter-state border to be provided authenticated from the government agency.
- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.

2. Case No. 651/2011 M/s Laxmi Narayan Patidar & Jeetmal Patidar (IBD Royal City) 74, Zone-II,M.P. Nagar, Bhopal (M.P.) - Project: Laxmi Narayan Patidar & jeetmal Patidar (IBD Royal City) at Misrod Part of 105/1 and 105/2,Viillage: Misrod,P H No. 42,Tehsil: Huzur,Distt.- Bhopal (M.P.) Total Land Area – 3.031 Hact, Total Built Up Area – 27662.16 sq mt.for Residential Multistory Building - Env. Consultant: Creative Enviro Services Bhopal.

Building and Construction projects with area $\geq 20000 \text{ m}^2$ and $< 1,50,000 \text{ m}^2$ of built-up area are covered under the Schedule of EIA Notification 2006 in category B at S.N. 8(a). Therefore are required to be appraised by the SEAC.

It is a case of construction of township. Documents submitted by the PP and the presentation made thereafter reveal following:

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Name of the Proponent	Laxmi Narayan Patidar & Jeetmal Patidar
Name of the Developer	IBD Nalanda Infrastructure Pvt. Limited
Project name	Environmental Clearance for Residential Colony "Royal City"
Total Plot Area	30310 sq mt
Total Built up Area	27662.16 sq mt
Total Project Cost	Rs 30 Crores
Dwelling Units	Residential Flats: 413 no (312+84+17)
Location of Project	Village- Misrod, Part of 105/1 and 105/2, Misrod , Bhopal
Occupancy	Own Land
Nearest Highway	NH - 12 ~ 1.12 Km
Rail Way Line	500 mt
Seismic Zone	III
Land use as per Bhopal Master Plan	Commercial & Residential
Total Water requirement	283 KLD
Total Waste Water Generation	255 KLD
Tot Fresh Water Requirement	187 KLD
Power Requirement	1500 KW
Back up Power facility	1 DG sets of 200 KVA
Solid Waste	1136 KG per day
Stilt Parking Space	6208.04 Sq Mt
STP based on SAFF system proposed	Capacity: 270 KLD

Fire Fighting Measures such as Overhead Fire storage tanks as per NBC 2005, Fire Hydrant System, Automatic Fire Alarm System, Hydrant pumps, Sprinkler pumps & Jockey pumps, Hand Held Fire Extinguishers, Automatic Sprinklers System and Wet risers, Fire Extinguishers, Hose Reel have been proposed.

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Statement of Area

➤ Total Area	3.031 Ha. (30310 Sq M.)
➤ Net plot area	17889.30 Sq. M.
➤ Open area	1800.00 Sq. M.
➤ Services area	169.17 Sq. M.
➤ Area for L.I.G. (10% of K)	3441.60 Sq. M.
➤ Maximum Height	Stilt parking + 18.00 M.
➤ Road & circulation Area	10140.73 Sq. M. (56.68 %)
➤ Area under Plantation	1800 sq. mt.

Documents submitted:

Form-1 and form 1(A), Land ownership documents, Approval from T & CP department, Building Permission, NOC from Fire fighting department, Conceptual Plan, soil test report.

After deliberations PP was asked to submit following information along with the supporting documents:

1. Permission from CGWA for abstraction of requisite quantity of water.
2. Notarized copy of Land diversion orders.
3. Commitment from Bhopal Municipal Corporation for allowing the disposal of MSW in the trenching facilities of the corporation and a commitment from the PP in this regard.
4. Financial viability plan in context to environmental safe guard monitoring including the operation and maintenance of STP, disposal of MSW etc. The plan should also contain provision of Corpus Fund.
5. MSW collection bins are proposed to be placed at different points in the premises; construction of pucca platform has to be ensured for keeping the bins, proposal to be submitted.

3. Case No. 652/2011 Mr. Paramjit Singh Sawhney C/o M/s J P Industries, 105/A, AKVN Industrial Estate, Village- Meghnagar The & Distt.- Jhabua (M.P.) - Project: Azo Pigments: 10 MT/Month, Pigment Intermediate: 10 MT/Month- Env. Consultant: Not disclosed.

This is a project pertaining to manufacture of Azo-dyes and falls at SN 5 (f) of the schedule of EIA Notification. PP was present in the meeting along with his consultant. The consultant failed to submit documents pertaining to accreditation. Hence committee asked the proponent to engage NABET (QCI) approved environmental consultant to carry out the EIA / EMP. Committee decided to call the PP after receiving the requisite documents.

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- 4. Case no. 654/2011 - M/s Omni Infrastructure Private Limited 105/106,Provogue House, Off. New Link Road, Andheri (W) Mumbai – (M.S.) 400 053 - 'Prozone Indore" Proposed Residential Project at Khasra no. 354/2/2, 583/1, 586, 387/1, 387/2, 394/1/1, 394/1/2, 394/2, 395, 396/1, 396/2/1, 396/2/2, 396/2/3, 396/2/5, 398, 401/1/1, 401/1/2, 402/2/2/1, 402/2/2, Village – Khajrana Tehsil & Distt. Indore (M.P.) Total Plot area – 1,76,044.50 sq.mt. Phase – I Plot area: 46,637.326 sq.mt. Existing construction area of phase I: 1,61,508.219 sq.mt.- Env. Consultant - Not disclosed.**

Neither the PP nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. However, request from the project proponent has been received for considering the case in the meeting scheduled for the next month. Committee decided to call the PP in the meeting scheduled for the month of January 2011.

- 5. Case No. 647/2011 – Shri Ajay Tiwari, E.E. M.P. Housing & Infrastrucrure Development Board,Div. No.- 6, E-5, Arera Colony, Bhopal (M.P.) – 16 Building Construction - Proposed 'Keelandev Towers' a Residential Complex at Shivaji Nagar Main Rd No. 1 Plot no.1,41 part of 1508,1509 sheet No. 46,40,42,Tehsil- Bhopal ,Distt.- Bhopal (M.P.)Proposed 222 flats (1.39 ha.) Existing- 102 flats (1.39 ha.) The project comprises of construction of 222 flats of various sizes and 16 EWS houses. Compound Wall, Community space, the total population projected is 1158 approx. Project land area- 3.43 acres or 13900.00 m2 Total Build Up Area – 41700.75 m2 - Env. Consultant – Insitu Envirocare Bhopal.**

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Area Statement:

Description	Area (Sq.m)
Total Land area of Site	15890.00
Area under Drain	1990.00
Net Scheme Area	13900.00
Total Built up area	41700.75

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Open Green Area	1844.80
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It was reported by the PP that water during construction phase shall be arranged by the contractor. The fresh water requirement for the project during operational phase shall be 250 KLD which shall be met from the municipal water supply. Waste water generation is reported to be about 152 KLD which is proposed to be treated through STP with treatment capacity to the tune of 160 KLD. MSW generation from the project is reported to be 0.664TPD. Private sweepers will be engaged for handling domestic waste. Door to Door Collection system has been proposed. Separately colored bin for biodegradable and non-biodegradable waste shall be placed in common / utility locations.

After deliberations PP was asked to submit various information and supporting documents followed by a presentation of the same before the committee:

1. Land ownership documents.
2. Area marked for EWS has to be shown on the lay out.
3. Disposal of the debris likely to generate from the demolition of the existing structure to be furnished.
4. Detailed demolition plan for the existing structures has to be furnished.
5. Commitment from the Municipal Corporation for water supply to the project.
6. Condition for supply of water during construction phase has to be clarified.
7. Details of parking plan to be furnished.
8. Complete Conceptual Plan including plumbing, drainage, sewage etc has to be furnished.
9. It is observed that there is vegetation in the proposed site in view of the same plan for felling / shifting of the trees has to be provided along with the plantation scheme.
10. Disposal of ETP sludge has not been addressed the same to be provided.
11. Commitment from Bhopal Municipal Corporation for allowing the disposal of MSW in the trenching facilities of the corporation and a commitment from the PP in this regard.
12. Financial viability plan in context to environmental safe guard monitoring including the operation and maintenance of STP, disposal of MSW etc. The plan should also contain provision of Corpus Fund.
13. MSW collection bins are proposed to be placed at different points in the premises; construction of pucca platform has to be ensured for keeping the bins, proposal to be submitted.

It was decided that PP shall be called for presentation after submission of the above information.

Meeting ended with thanks to the chair.

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