

1. Opening Remarks of the Chairman

The Chairman welcomed all the members of the Committee (**Annexure-1**) and thereafter agenda items were taken up for deliberations. The list of participants present during meeting is annexed as **Annexure-2**.

2. Consideration of the Projects

11 Cases (for TOR / EIA deliberations) were invited. Out of these proposals only 02 proposals were presented before the committee the case no. 579/2010 was allowed for presentation in the 65th meeting held on 29/09/10. It is decided to hold the 67th & 68th meetings on 29th & 30th October 2010.

Deliberations:

- 1. Case No. 66/2008-** Limestone Mine of Associated Lime Co., Village Nanhwara, Tahsil Murwara, District katni, M.P. **M/s Associated Lime Co, Mission Chowk, Katni. (M.P). EIA Presentation.** Nanhwara Limestone mines, Tehsil Murwara, District katni, M.P. Mining Leases Area 11.83 Ha. M/s Associated Lime Co, Mission Chowk, Katni. (M.P) 1. TOR issued dated- 07/08/08. 2. Revised ToR issued vide letter no1066 dt. 19/11/09.*Env. Consultant: Pollution & Ecology Control Services Nagpur (SN 133)*

Neither the PP nor his representative was present during the deliberation to help in understanding the documents, public hearing issues & discrepancies etc. Committee has decided to call the PP in the meeting scheduled for October 2010.

- 2. Case No. 159/2008 - M/s Gahra Minerals, Habib nagar, Teka, Bhind Milan hall, Nagpur, 17. EIA Presen.** Dolomite Mine, Village- Lohani, Tehsil-Sausar, district.-Chhindwara. Mining Lease area: 14.00 Ha. Prod. 1,00,000 TP. TOR issued 02/09/08. *Env. Consultant: Pollution & Ecology Control Services Nagpur (SN 133)*

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- 3. Case No. 154/2008 - M/s Mohini Industries, propshri D. M. Gandhi, gandhiganj, at and PO- Chhindwara. EIA Presentation** Manganese Ore deposit, Village-lodhikheda, Tehsil-sausar, dist-Chhindwara. Mining lease area-18.68Ha. Cap. 1500 TPA. TOR issued 02/09/08. *Env. Consultant: Pollution & Ecology Control Services Nagpur (SN 133)*

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- 4. Case No. 155/2008 - M/s Kwality Minerals, Habib nagar, teka, Behind Milon Hall, nagpur. EIA Presentation** Dolomite Mine, village-Bichwabaggu, Tehsil- Sausar, dist-Chhindwara. Mining lease area-10.00 Ha. Prod. 1.00LacTPA TOR issued 02/09/08. *Env. Consultant: Pollution & Ecology Control Services Nagpur (SN 133)*

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- 5. Case No. 189/2008- Manganese Ore India Ltd, 3 Mount Road extension, Moil Bhawan, A-1, katol Road, chhaoni, Nagpur - EIA Presentation.** Kanki Mining Lease for sand, taluka-waraseoni, dist- Balaghat. Mining Lease area 5.50 ha. Prod Cap. 70,000 Metre cube/Anum. TOR issued 12/09/08. *Env. Consultant: Pollution & Ecology Control Services Nagpur (SN 133)*

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6. **Case No. 188/2008-** Manganese Ore India Ltd, 3 Mount Road extension, Moil Bhawan, A-1, katol Road, chhaoni, Nagpur - EIA Pre. Kanki Mining Lease for sand, taluka-waraseoni, dist- Balaghat. Mining Lease area 10.156 ha. Prod Cap. 70,000 M³ /Year. TOR issued on 12/09/08. *Env. Consultant: Pollution & Ecology Control Services Nagpur (SN 133)*

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7. **Case No. 490/2009-** M/S Reliance Industries Ltd. Block 6-D, 2nd floor. Reliance Park, Thane- Belapur Road, Gansoli Navi Mumbai (M.S)- EIA Presentation 100MW(2x50MW) Shahdol Coal Bed Methane (CBM)Gas Based Power Plant at Village- Hadaha near Shahdol Town adjacent NH-78 Distt-Shahdol (M.P). TOR issued by latter no.146 dated 18/02/2010 *Env. Consultant: Consultant: GIS Enabled Environment & Neo-Graphic Centre Ghaziabad (SN-41)*

Thermal Power Plants with production capacity < 500 MW (using coal/lignite/naphtha & gas) are listed at SN 1(d), B and hence are required to be appraised by the SEAC. The present case pertains to production of 2x50MW (100MW) from Coal-bed Methane Gas-based Power Plant . PP has submitted and presented the EIA/EMP report for the project to seek EC. The public hearing was conducted on 04/08/2010. EIA was presented by the PP and his consultant; public hearing issues were also discussed in detail.

The site is located at village Hadaha, Tehsil: Sohagpur District- Shahdol. The site is 15 KM away from Shahdol and 800 Mt away from Son River. Total land available is 10 acres. Main Fuel Coal Bed Methane Gas: 600,000 standard cubic meters per day (scmd) with calorific value of 7750 kCal/m³. CBM gas will be sourced from RIL own 26 well Expected Cost of the project is Rs. 350 Crore. The project will be based on the open cycle power generation process. No water except for drinking and other

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purpose will be required for the project process as it is proposed to use radiant cooling. Water will be sourced from local authorities through water tankers. No process-water discharge is reported. Height of the stack shall be 30 meters. As natural gas is being used as fuel no air pollution control equipments are required. PP has stated that no pre-processing of CBM gas is required & the gas will be used as such. National highway-78 is at 3 Km from the site. No forest land was reported within 10 KM radius around the site. Risks pertaining to leakage of CBM gas and the fire hazards thereby have been assessed by the industry. The flue gas temperature will be 378 °C, but there is no proposal for installation of waste heat recovery plant. After deliberations committee has decided to ask the PP for submission of following information along with the supporting documents:

- Land owner-ship documents.
- Lay-out plan showing details of plantation in 33% of total area.
- Detailed CSR activities with budgetary provisions.
- NOC from Gram Sabha and forest department.
- License / Registration from the Industries department.
- Location of pipeline network.
- Location of site has to be justified w.r.t. GoI identified/ notified coal beds of the country.
- Copy of On-site and Off-site emergency plans duly approved by the competent authority.
- Proposal for Waste Heat Recovery Plant to be furnished.
- Transportation route for the vehicles to be furnished.
- Detailed analyses report of the mine waste water and its disposal plan.
- All monitoring/ analyses reports discussed in the EIA have to be submitted in original format.

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- 8. Case No. 158/2008 - M/s Haryana Minerals, prop. Sh. Suresh kumar Agarwal, gandhiganj, at and PO- Chhindwara, Dist-Chhindwara. EIA Presentation Manganese Ore deposit, Village-Iodhikheda, Tehsil-Susar, dist.-Chhindwara. Mining Lease Area 18.68 Ha. prod. 1500 TPA. TOR issued vide letter dated 02/09/08. Env. Consultant: Pollution & Ecology Control Services Nagpur (SN 133)**

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- 9. Case No. 577/2010 Sh Kailash Jain Chowrdiya HIG-11DeendayalpuramCivil Lines Distt. Balaghat(M.P)- For TOR Miragpur Mangnease Mine at village Miragpur Teh: Khairlanji Distt: Balaghat (M.P) area-9.311 Ha, prod cap.-5000MTPA Env. Consultant: Creative Enviro Service, Bhopal. (SN-29)**

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 case has been submitted for issue / approval of TOR for carrying out EIA studies. PP and his consultant presented the salient features of the project before the committee. Following are the features revealed from the submission of the PP:

This is existing mine presently closed. Open cast semi-mechanized mining is proposed. Nearest Village is Miragpur at 2.3 km from the site. Nearest Highway is Seoni - Jabalpur SH is at 39 km from the mine site. No national parks and sanctuary was reported within 10 km radius around the site. The Interstate Border shared with Maharashtra is more then 25 km from the site. Plantation is proposed in 33% area of

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the total lease area. Ultimate depth of mine shall be 18 meters and it was reported that the mining shall not intersect the ground water. After deliberations committee has approved the TOR with inclusion of following:

- 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.
- All monitoring has to be conducted as per the notification dated 16/11/2009.
- 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 along with Sheesham, Neem, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.
- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan with map depictions 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

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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. The OB area should be as away as possible from the water bodies in vicinity of the site.
- 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.
- 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. Exact distances of nearby features have to be reported using advanced technique.
- 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

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- NOC from Gram Sabha for mining as well for supply of water from the village sources.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- All distances have to be reported along with GPS co-ordinates.
- EMP should address the measures planned to protect the water bodies in vicinity of the project site.
- EIA has to be conducted by NABET approved consultant only.
- 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.

10. Case No. 578/2010 M/S Trikaya Cultivation Pvt Ltd C/O Equinox Reality & Infrastructure Pvt. Ltd, Tower-1, 5th Floor Equinox Business Park Pvt.Ltd off Bamrda complex, LBS marg Kurla (West) Mumbai EMP presentation. Township at village- Bilauji, Tehsil: Waidhan, Distt- Singrauli (M.P). Construction Project. Plot Area- 54106.47 m², Built-up area- 51871.54 m² Env. Consultant: Creative Enviro Service, Bhopal. (SN-29)

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Meeting ended with thanks to the Chair

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