

**MINUTES OF STATE EXPERT APPRAISAL
COMMITTEE MINUTES**

**70th MEETING
16th November,
2010**

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1. Opening Remarks of the Chairman

The meeting was chaired by Dr S.R. Shukla in absence of Shri S.C. Jain with consent of all the members present in the meeting. The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

2. Consideration of the Projects

10 Cases (for TOR / EIA deliberations) were invited. All proposals were presented before the committee. Proponent of case no. 541/2010 (M/s Maihar Cement Distt Satna – Captive Thermal Power Plant- production capacity- 60 MW) and PP of the case no 580/10 were also allowed for the presentation as per the decision taken in the 69th meeting.

3. Meetings for the next month were decided to be held on 13th and 14th December 2010.

Deliberations:

1. Case No. 573/2010 - Jain Mines & Minerals (India) Pvt. Ltd 127/1, Sangam Colony, Baldeo Bagh – Jabalpur Distt.- Jabalpur (M.P) - Iron Ore Beneficiation Plant with capacity- 90,000 T/Year at village- Hargarh Industrial Area, Tehsil- Sehora Dist- Jabalpur (M.P) EIA Presentation. TOR issued vide letter no. 816 dated 27/09/10. Env. Consultant: Creative Enviro Service, Bhopal. (SN-29)

This is a mineral beneficiation plant and is listed at S.N. B, 2(b) of the Schedule of EIA Notification 2006 and hence has to be appraised by SEAC for prior EC. PP has submitted an application with requisite documents for issue / approval of TOR to carry out EIA/EMP. The site is located in Industrial Area Hargarh, Distt. Jabalpur (M.P). Nearest habitation is village Hargarh & Darauli with 2.0 Km radius. No National park or ecological / sensitive features have been reported in 10 Km radius. Industry shall be using Iron Ore (52 – 55%). It was reported that in the output washed fines will be 60% and discards will be 40%. Washed fines shall be sold to the Sponge Iron Plants and discards will be sold to Cement Plants. Crusher is also proposed to be installed at site. TOR was issued to the PP vide dated 27/09/2010. Total water requirement is 50KLD which shall be supplied by the AKVN. Closed cycle water recirculation system shall be adopted

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to reduce the water consumption and waste-water so as to ensure 'zero discharge'. River Hiren was reported to be at about 600 meters from the boundary of the industry. Total plot area is 2.429 Ha. Green belt development is reported to be in 0.80 Ha (33% of the total area). After examination of the submitted documents in the meeting dated 30/10/10, committee found that:

- the said Industrial Area was Notified by State Government vide M.P. Gazette dated 06/05/2008
- Based on above MoEF has accorded exemption from public hearing to M/s Euro Prateek Ispat (P) Ltd (sponge Iron), M/s Eurobond Industries (P) Ltd (Iron ore beneficiation) and similar industries in industrial areas notified in other states.
- Hence, based on the submission of PP and following the approach of MoEF in granting EC to similar industries in the same notified area and notified industrial areas in other states, committee granted exemption to PP from public hearing as per Section (iii), Stage (3), Para (i)(b) of EIA Notification 2006.

The EIA / EMP were presented by the PP and his consultant before the committee. After deliberations the committee has asked the PP to submit reply with supporting documents on the following queries:

1. Industry has committed for 'Zero' discharge, detail proposal in this context has to be submitted on affidavit.
2. River Hiren is reported to be about 600 meters from the site in view of the same concert proposal has to be submitted to prevent pollution in river Hiren on affidavit.
3. A lay-out plan showing location of ETP (Thickener) and exact distance of the same from river bank has to be submitted.
4. Quantity of waste generation (36000MT/A) needs re-checking. Thus, the material balance including raw material, product and waste has to be prepared and submitted.
5. Measures to prevent run-off from raw material storage and waste storage areas into the water bodies has to be furnished with drawings.
6. Location of the stop-dam of AKVN with respect to the project site and season wise flow has to be reported for better understanding of the effect of wastewater, if discharged any.
7. Expected quality of waste water and treated effluent being generated from such units to be submitted.

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8. In-plant control measures for checking the fugitive emissions from various processes to be reported.
9. Schedule for periodic monitoring of surface and sub-surface water and solid waste has to be reported with undertaking.
10. Solid waste is proposed to be used in brick manufacturing, MoU with brick manufacturers showing quantity of waste expected to be utilized to be submitted.
11. Activity wise fund break-up for CSR activities to be furnished.
12. Committee decided that the site may be visited by a sub-committee (if required) before final recommendation.

2. Case No. 498/2010 - Shri Lalit Sehgal ,Rewa Road , Maihar P O Satna-(M.P.) Deori limestone, laterite, ochre & white clay mine 23.123 ha. at village Deori Taluka- Maihar, Distt-Satna-M.P. **EIA Presentation** . TOR issued vide letter no 264 dt. 23/04/2010. *Env. Consultant: Bhagwati Analab Hyderabad.*

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. Mining lease is valid for 30 years from 17/07/2009. Public hearing was conducted on 12/08/2010, and no adverse report was registered. The applicant presented the EIA of the project. This is a case of a new mine. Open-cast other than fully mechanized mining has been proposed, mining shall not intersect the GW table. Nearest village is village Deori, 800 meters from the site. Quantity of OB is reported to be 24000 T/Year. Water requirement is 7.5 KL. PP has submitted NOC from Gram Sabha and Forest department. PP has submitted plantation scheme to complete the plantation in 33% of total plot area within lease period. No R&R is required in the project. After deliberation committee has asked the PP to submit reply on following queries:

1. Revised Plantation scheme to be submitted with completion of committed plantation within 10 years, non-mining area may be taken up for plantation immediately.
2. Status of land acquisition to be furnished.
3. Activity wise budget break-up for CSR activities to be submitted.

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- 3. Case no. 583/2010 - M/s ABG Energy (M.P) Ltd. 5th Floor Bhupati Chambers, 13, Mathews Road Behind Opera House, Mumbai – 400 004**
4X25 MW Thermal Power Plant at Village- Deori Hatai Taluka Katni, District – Katni (M.P) - **Case for TOR.**

PP has failed to provide the information pertaining to assured coal linkage and source of water etc. for the project. Hence Committee decided to return the case to SEIAA in accordance to Circular of MoEF dated 01/11/2010.

S.N. 4 to 10

M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal

(Environmental Consultant – M/s Sai Consulting Engineers (P) Ltd. Ahmedabad (S.N. - 95))

Projects pertaining to all state high-ways have been included in the schedule of EIA Notification 2006 & the amendments thereby at S.N. 7 (f) B, hence are required to be appraised by the SEAC for grant of prior EC. Cases of Road Construction, of M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal as discussed below, were received for approval of TOR to carry out EIA/EMP. All these cases were presented by the PP and his Consultant before the committee. It was reported that the present width of the existing roads is about 3.5 meters; these are proposed to be widened up to 7 meters. Present ROW is 30 meters no further land acquisition is required. It was also reported that no by-pass/new alignment shall be constructed. Thus it was concluded that these are the cases of re-construction and widening of the road parcels. PP has requested for exemption from Public Hearing as per the provision of EIA Notification - Para- 7, Stage-3 (c). Committee has accepted the request and allowed an exemption from public hearing under the said provisions. It was reported that felling of trees shall take place in this execution for which PP shall take up compensatory plantation as per the provisions. Project-wise salient features are as follows:

- 4. 592/2010 M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal (M.P)** Construction of Silwani-Udaipura (SH-44) Road – Length: 28.58 Km. No. of villages to serve- 07, population benefited – about 11.25 lac. The

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major important places that shall be connected are – Sanchi Stoopas and Bheembathika. Cost of project reported is Rs 51.98 Crore.

- 5. 593/2010 M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal (M.P)-** Construction of Rahatgarh-Khurai-Khilasa (SH-42) Road – Length : 47.60 Km. No. of villages to be served- 18, population benefited – about 20.21 lac. The major important places that shall be connected are – temples of local importance. Cost of project reported is Rs 60.33 Crore.
- 6. 594/2010 M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal (M.P) -** Construction of Damoh-Hata-Gaisabad i/c Hata town portion (SH-47) Road – Length : 62.66 Km. No. of villages to be served- 41, population benefited – about 10.83 lac. The major important places that shall be connected are – temples of local importance. Cost of project reported is Rs 118.93 Crore.
- 7. 595/2010 M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal (M.P)-** Construction of Hata-Patera-Kumhari-Raipyra-Saliya-Bahuriband-Sihora (SH-48) Road – Length : 91.50 Km. No. of villages to be served- 40, population benefited – about 51.55 lac. The major important places that shall be connected are – temples of local importance. Cost of project reported is Rs 132.48 Crore.
- 8. 596/2010 M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal (M.P) -** Construction of Amarpatan-Korsari-Badera (SH-11) Road – Length : 46.90 Km. No. of villages to be served- 16, population benefited – about 18.70 lac. The major important places that shall be connected are – temples of local importance. The proposed activity shall pass along the forest land hence PP has obtained NOC from the Forest department and submitted the same in the meeting. Cost of project reported is Rs 61.18 Crore.

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- 9. 597/2010 M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal (M.P)** - Construction of Sundara-Singpur-Kothir-Jaitwara-Birsingpur-to land the Semaria (SH-52) Road – Length : 85.40 Km. No. of villages to be served- 42, population benefited – about 46.99 lac. The major important places that shall be connected are – temples of local importance. The proposed activity shall pass along the forest land hence PP has obtained NOC from the Forest department and submitted the same in the meeting. Cost of project reported is Rs 151.87 Crore.
- 10. 598/2010 M.P. Road Development Corporation Ltd. 16-A, Arera Hills Bhopal (M.P)** - Construction of Sidhi-Beohari (SH-55) Road – Length: 71.40 Km. No. of villages to be served- 22, population benefited – about 34.06 lac. The major important places that shall be connected are – temples of local importance. Cost of project reported is Rs 93.68 Crore.

PP has stated that no land acquisition is involved in any of the above seven cases and the proposed construction will be done only on the land initially acquired.

After detailed deliberations on the above seven similar cases having no land acquisition (from case no. 592/2010 to 598/2010), the SEAC has recommended the inclusion of following conditions in TOR, to be addressed during preparation of EIA/EMP for these seven similar cases.

- Criteria for selection of the proposed route have to be dealt in detail.
- Utilization of fly-ash in the project has to be explored.
- Well designed RCC Railing should be provided on both sides of the road stretch

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where ever it is passing through the habitat areas to avoid encroachment and accidents. Safe and easily assessable connectivity for villagers of the villages falling on either sides of the main road has to be ensured. Appropriate measures such as provision of path ways for pedestrians and cyclists etc. have to be taken to avoid accidents.

- Measures to mitigate the expected increased noise pollution have to be dealt in detail.
- Plantation in at-least 5 meters broad strip on either side of the proposed road has to be taken up in such a way that grown trees are not removed in future expansion if any. Accordingly scheme has to be submitted with EIA.
- Felling of trees has been reported; permission for the same has to be obtained from competent authority and submitted with detailed compensatory plantation plan.
- Mines, Stone-crushers and hot-mix plants likely to operate during execution shall take the mandatory consents from M.P. Pollution Control Board prior to establish.
- During construction phase PP has to take appropriate measures to prevent air & water pollution accordingly plan has to be submitted.
- R & R plan (if any) has to be detailed out in EIA. Complete execution of the plan has to be ensured before coming for EIA presentation.
- 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.

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- All environmental monitoring has to be conducted through NABL/ MoEF approved lab. Reports with Accreditation certificate should be furnished.
- Explore the possibilities for use of Solar Panels at Toll Plaza and bay, if any.
- Explore the possibilities for putting up facilities such as Cafeteria, Restaurant etc.
- Preventive measures to avoid road-side / foot path encroachments have to be detailed out.
- Two Cross-sections of the road showing drainage pattern and other features to be furnished with EIA, one for normal stretches and another for the stretches passing through village habitats.
- Undertaking has to be submitted stating that no land shall be acquired.
- All road safety provisions have to be followed accordingly specific plan has to be submitted.

11. Case No. 541/2010 - M/s Maihar Cement (A Div of Century Textile & Industries Ltd) Maihar Cement Complex, Sarla Nagar, Maihar Distt Satna 485772 (M.P) EIA Presentation. Captive Thermal Power Plant- production capacity- 60 MW at M/s Maihar Cement (A Div of Century Textile & Industries Ltd) Maihar Cement Complex, Sarla Nagar, Maihar Distt Satna 485772 (M.P). TOR issued vide letter no 344 dt. 20/05/2010 and revised TOR issued vide letter no 598 dt. 09/08/2010. *Env. Consultant: Creative Enviro Service, Bhopal. (SN-29).*

This being a Thermal Power Plant with production capacity of < 500 MW (based on coal) is listed at S.N. 1(d) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant presented the salient features of the project along with the EIA /EMP. Information pertaining to the above project was examined by the committee. After discussion on the project it was revealed that:

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This is a case of production of power to the tune of 60.0 MW at existing Cement Plant. Industry has planned to generate power for captive use from coal. The site is located in Maihar Cement Complex, Sarla Nagar, Maihar Distt Satna. Submissions and the presentation made by the PP and his Consultant reveals following information on the project:

Production Capacity	60 MW
Project cost	Rs 25000 Lac
Fuel	Coal – 866 TPD
Water Req	700 KLD
Source of Water	Mine pit water
Stack height	86 meters
Ash generation	364 TPD- 100 % shall be used in-house in cement industry.

After deliberations committee has asked the PP for submission of information with supporting documents on the following queries:

- Separate fund allocation for the power plant has to be provided and activity wise break-up of the same has to be submitted.
- Commitment for installation of waste heat recovery boiler has to be submitted.
- Supporting documents for ensured coal linkage / procurements to be submitted.

12. Case No. 580/2010 – Shri Vivek Awasthi Asstt. Director C/o Regional Director Employees State Insurance Corporation, Regional Office Panchdeep Bhawan Nanda Nagar Indore- (M.P) 452011. Construction Project.

Proposed ESIC Hospital 500 beds (expandable up to 750 beds) & College building at Nanda Nagar Khasra No. 18/2, 24/2, 25/2, 26/1, 26/3, 27, 28, 29, 30/1, 31, 32, 33, 34/1, 34/2, 35/1, 36, 37/1, 37/2, 38, 39/1,39/2,40,43,44,45/1,45/2,46,47,49,80,81 at village Bhamonri Dubey tehsi- Bhamonri Dubey Distt. Indore T. Plot area- **32.034 Ha** and T. built-up area- **2, 26,970.94 m²**. *Env Consultant- Not disclosed.*

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Townships and Area Development projects covering an area built up area $\geq 1,50,000$ sq .mtrs are covered under 8(b) category of the Schedule of EIA Notification. Therefore this project is required to be appraised by the SEAC. The project is proposed at a location restricted by the CEPI notification of MoEF, but based on the following merits of the project committee has agreed to hear the case:

- It is not a fresh case but pertains to expansion of existing medical facility.
- The project covers establishment & enhancement of health care facility whereby industrial workers & their families shall be the main beneficiaries.
- The project apparently has positive socio-economic impacts.

Despite of above justification the case is considered for issue of TOR to prepare EIA/EMP subject to the acceptance of above justifications by the SEIAA / MoEF and PP shall be bound to comply with any directions / decision of SEIAA /MoEF (if issued) in this context.

The case presented in the 69th meeting and PP was asked to come with concerned officials having complete knowledge of the project in the present meeting. The case was presented before the committee whereby it was revealed that this is an updation of existing hospital (300 bedded) to hospital with 500 beds expandable up to 750 bed. The project also consists of construction of new buildings for staff residence, hospital and medical college etc. Total built up area is reported to be **2, 26,970.94 m²** in total plot area of 32.034 Ha. After deliberations committee has decided to issue TOR to the PP for conducting rapid EIA and EMP for the project site with inclusion of following points:

- Separate ETP for hospital waste as per Bio-medical Waste (M&H) Rules 1998 as amended, and shall not mix with other domestic waste, accordingly plan has to be

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submitted with EIA.

- Detail design and drawing of STP and ETP (Bio-medical liquid waste).
- As the site falls in the area with CEPI index as 71.26 as declared vide MoEF Circular 11013/5/2010-Ia.II (I) dated 15/03/2010, PP shall be bound to comply with any directions / decision of SEIAA /MoEF (if issued) in this context.
- PP has to install RO plant along with STP to ensure effective recycle of waste-water and to ensure 'Zero Discharge'; accordingly plan to be submitted with EIA/EMP.
- Category-wise, quantification and disposal of Bio-medical waste has to be reported as per the Bio-medical (M&H) Rules 1998 and their amendments.
- Quantification of Municipal Solid waste with its storage, treatment and disposal has to be furnished with EIA.
- Base line data of ground / surface water and ambient air quality has to be conducted in the region through EPA approved laboratory. Appropriate models to be used for projection of impacts due to proposed project have to be furnished in the EIA report.
- Measures to be taken for prevention of any discharge into the nearby water bodies or municipal sewage, accordingly plan to be submitted.
- Map depicting micro-level features of 2 Km around the site has to be furnished with EIA.
- Green belt has to be developed on all four sides of the premises so as to achieve more than 33% green cover of the total area, accordingly plan to be submitted with EIA.
- Commitment for compliance of ECBC guidelines and green building codes.
- Topographical map with location of surface water bodies and nallah.
- EIA/EMP prepared has to be submitted and presented before SEAC for appraisal.

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Discussion on Site visit report for the following projects: Following sites were visited by the sub-committee of SEAC in view of various technical reasons:

- i) **Case No. 481/2009** M/s Birla Corporation Limited (Cement Division) P.O. Birla Vikas Satna-485 005 (Meeting dated – 01/06/2010) *Proposed Captive Thermal Power Plant 35 MW (Cement Division) Project at, P.O. -Birla Vikas, District-Satna (M.P.)* – The site is in proximity to the satna city and industry proposes to use coal with ash content of more than 34%, hence to ensure the safe distance of proposed plant from the city committee visited the site physically. The report (Annexure-1) of the visit was placed before the SEAC and it was concluded that TOR may be issued to the PP with inclusion of terms as suggested by the committee in the said report. However it was also decided that the TOR should be issued only after ensuring that the distance of the site is in accordance to the guidelines laid in the fly-ash notification / CREP charter.
- ii) **Case no. 492/2009** - Shri Sanktha Prasad Dwivedi, Distt-Satna-(M.P.) Jura lime stone mine 29.163 ha. at village Jura, Teh- Maihar, Distt- Satna-M.P.
Above project sites were visited by the sub-committee and the minutes of the visit cum meeting at site were placed before the committee and discussed. Committee has decided to ask the PP for submission of following information with supporting documents on the following queries:
 - EMP submitted should be scaled up in phases with approval of M.P. Pollution Control Board before starting mining in the additional acquired areas, undertaking in this regard has to be submitted.
 - Khasras owned by the tribes with in the lease area of 29.163 Ha for which PP is to obtain & submit written consents from the original tribal owners & not through any proxy holders for mining for the entire lease period granted to him, accordingly affidavit has to be submitted by the PP.
 - The proposed lease area lies on either sides of the road being maintained by the Jura Village Panchayat & PWD; PP is required to give an undertaking for the maintenance of the road & safety of its users.

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- 10 meters on either side of the road should be kept as no mining activity zone and should be used for adequate plantation; accordingly plan to be submitted.
- PP should re-plan & acquire such an area of land which is required for mining in 03 Ha of land & adequate for storage of top soil, over-burden, plantation and other infrastructure facilities before start of actual mining. PP may also prepare phase wise plan for mining during the lease period presently granted to him.
- The discussion with the villagers revealed that they are ready to sell the land directly to the PP subject to employment guarantee them. PP is required to furnish written undertaking in this regard.
- The accumulated water in the abandoned pits is presently being used by the Panchayat and if PP acquires this area the supply of water should not be affected, undertaking in this context to be submitted by the PP.

Meeting ended with thanks to the chair.

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