

1.0 Opening Remarks of the Chairman

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

2.0 Consideration of the Projects

Following issues were discussed and decided:-

- A. 14 proposals were invited for TOR / EIA deliberations. Out of these proposals only 11 proposals were presented before the committee.
- B. Committee decided to display the names of the Projects enlisted for presentation in the next meeting on web-site, therefore the list may be sent to SEIAA.

EIA Deliberations:

1. 97/2008

Smt. Gayatri Devi Bansal, P.O. Jaitwara, District Satna, (M.P)

Gandhigram Ochre, Laterite & Iron Ore Mine, Village: Gandhigram, Tehsil Sihora, Distt: Jabalpur (M.P), Area: 9.47 Ha, Production: Lat: 0.26 Lac T/Y, Ochre: 0.03 Lac T/Y, Iron: 0.55 Lac T/Y

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. SEAC issued the TOR to the proponent for carrying out the EIA studies vide letter no. 367 Dated 07/08/08. It was reported that the mining was commenced in the said site from 1976 and was stopped for seeking prior environmental clearance as per the provisions of

-Sd-

(Suresh Chandra Jain)
Chairman SEAC

-Sd-

(V. Subramanian)
Member SEAC

-Sd-

(K.K. Goswami)
Member SEAC

-Sd-

(Prof. K.C. Mathur)
Member SEAC

-Sd-

(R.K. Jain)
Secretary SEAC

**MINUTES OF 23rd MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 20th April, 2009**

2

EIA Notification 2006.

The applicant, assigned by his consultant presented the salient features of the EIA study along with the public hearing issues.

After detailed deliberations, the SEAC has asked for clarification on the following Queries:

- Project Proponent has to submit the scheme of plantation showing complete [33% of the lease area] plantation till 2015 along with a written commitment for the same. If plantation is not possible in the lease area due technical constraints (such as terrain) proposal for equivalent plantation out side the lease area has to be submitted.
- In view of the public hearing issues' regarding depletion of water level and beetle farming due to mining activity in the region the proponent was asked to submit a hydro-geological study of the area and a statement on beetle farming in the region.
- The lease is in name of Late Smt. Gayatri Devi Bansal which has to be transferred to the legal heir and submitted.

2. 101/2008

Shri Shashikant Kohad, P.O. Niwar, Distt. Katni (M.P)

Chapra Bauxite & Laterite Mine Vill: Chapra, Teh: Bahoriband, Distt: Katni. Area: 7.383 Ha, Prod: 40,000 T/Y.

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. SEAC issued the TOR to the proponent for carrying out the EIA studies vide letter no. 365 Dated 07/08/08. It was reported that the mining was commenced in the said site from 1984 and was stopped for seeking prior environmental clearance as per the provisions of EIA Notification 2006.

The applicant, assigned by his consultant presented the salient features of the EIA study along with the public hearing issues.

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

**MINUTES OF 23rd MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 20th April, 2009**

3

After detailed deliberations, the SEAC has asked for clarification on the following Queries:

- Project Proponent has to submit the scheme of plantation showing complete [33% of the lease area] plantation along with a written commitment for the same. If plantation is not possible in the lease area due technical constraints (such as terrain) proposal for equivalent plantation out side the lease area has to be submitted.
- Permission from the Gram Panchayat for abstraction of ground water has to be submitted.

3. 23/2008

M/s. N.M. Dubash Stone & Lime Co. Pvt. Ltd, Station Road, Maihar - 485771 Distt. Satna (M.P)

M/s. N.M. Dubash Stone & Lime Co. Pvt. Ltd., Bistara Limestone & Dolomite mine, Vill: Bistara Teh: Vijayraghoharh Distt. Katni (M.P):- area- 17.07 ha, expansion in production-from 1.25 lac T/Y to 3.00 Lac T/Y.

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. SEAC issued the TOR to the proponent for carrying out the EIA studies vide letter no. 103 Dated 04/06/08. It was reported that the mining was commenced in the said site from 1911 and was stopped for seeking prior environmental clearance as per the provisions of EIA Notification 2006.

The applicant, assigned by his consultant presented the salient features of the EIA study along with the public hearing issues.

After detailed deliberations, the SEAC has asked for clarification on the following Queries:

- Project proponent to submit a copy of khasra map showing land-use pattern of the

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

region.

- Environmental Quality monitoring results have to be reviewed and submitted in view of the anomalies in the results.
- Reasonable funds should be allocated for plantation scheme and submitted.

4. 100/2008

Sri Ramawtar Agarwal, Prabhat Vihar Colony, Panna Naka, Satna (M.P) 485001

Chachandeeh Bauxite Mine , Vill: Chachandeeh, Teh: Pushprajgarh, Distt: Anuppur (M.P), Area: 17.744 Ha, Prod: 0.1 Million T/Y

The Project proponent could not attend the meeting hence committee decided to call the proponent in the next meeting.

5. 24/2008

Shri Sharad Kumar Bansal, P.O. Jaitwara Distt. Satna (M.P) - 485221

Piparitola Laterite Mine Vill. Piparitola Teh: Raghuraj Nagar Distt. Satna (M.P):- Area - 23.223 ha production Laterite-44000 ton/annum.

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. SEAC issued the TOR to the proponent for carrying out the EIA studies vide letter no. 95 Dated 04/06/08.

The applicant, assigned by his consultant presented the salient features of the EIA study along with the public hearing issues.

After detailed deliberations, the SEAC has asked for clarification on the following Queries:

- Project Proponent has to submit the scheme of plantation showing complete [33% of the lease area] plantation along with a written commitment for the same. If plantation is not possible in the lease area due technical constraints

-Sd-

(Suresh Chandra Jain)
Chairman SEAC

-Sd-

(V. Subramanian)
Member SEAC

-Sd-

(K.K. Goswami)
Member SEAC

-Sd-

(Prof. K.C. Mathur)
Member SEAC

-Sd-

(R.K. Jain)
Secretary SEAC

(such as terrain) proposal for equivalent plantation out side the lease area has to be submitted.

- Fund allocation towards the Corporate Social Responsibility and plantation.

6. 170/2008

Raibahadur Sriram & Co. Pvt. Ltd. Sriram bhawan, Tumsar, Maharastra

*OC Manganese Mine, Village-Selwa, Dist-Balaghat. Mining Lease Area-6.71 ha. Prod. Cap.-
8000 MT/A*

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. SEAC issued the TOR to the proponent for carrying out the EIA studies vide letter no. 640 Dated 12/09/2008. It was reported that the mining was commenced in the said site from 2004 and was stopped for seeking prior environmental clearance as per the provisions of EIA Notification 2006.

The applicant, assigned by his consultant presented the salient features of the EIA study along with the public hearing issues.

After detailed deliberations, the SEAC has asked for clarification on the following Queries:

- Impacts due to transportation of mineral have to be addressed appropriately and submitted.
- Leachate study shows higher concentration of Manganese thus preventive measures for the same to be committed to avoid ground water pollution.
- Environmental Quality monitoring results have to be reviewed and submitted in view of the anomalies in the results.

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

- Year-wise plantation scheme with funds allocation to be submitted.

7. 169/2008

Raibahadur Sriram & Co. Pvt. Ltd. Sriram bhawan, Tumsar, Maharashtra

*OC Manganese Mine, Village-Chikmara, Dist-Balaghat. Mining Lease Area-8.16 ha. Prod. Cap.-
12500 MT/A*

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. SEAC issued the TOR to the proponent for carrying out the EIA studies vide letter no. 638 Dated 12/09/2008. It was reported that the mining was commenced in the said site from 2006 and was stopped for seeking prior environmental clearance as per the provisions of EIA Notification 2006.

The applicant, assigned by his consultant presented the salient features of the EIA study along with the public hearing issues.

After detailed deliberations, the SEAC has asked for clarification on the following Queries:

- Impacts due to transportation of mineral have to be addressed appropriately and submitted.
- Leachate study shows higher concentration of Manganese thus preventive measures for the same to be committed to avoid ground water pollution.
- Environmental Quality monitoring results have to be reviewed and submitted in view of the anomalies in the results.
- Year-wise plantation scheme with funds allocation to be submitted.

TOR Deliberations:

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

**MINUTES OF 23rd MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 20th April, 2009**

7

1. 208/2008

Sh. Ramzan bhai, S/o Sh. Mohammad Ismil, barhi Raad, near Khirahni Fatak, Katni, Dist. Katni

Project: Fire clay, Laterite, red ochre and red Oxide mine of Ramzan bhai. Village-Suddi, RIC Badwara, the. Badwara, Dist- Katni. Mining Lease Area 6.00 Ha. Prod. Cap. 4000 MT/month.

The proposed case was submitted for approval / issue of TOR, but the proponent did not appear for the submission. This was the last chance given to the proponent; it appears that Project Proponent is not interested to continue with the project hence committee decided to return the case to SEIAA.

2. 38/2008

Shri Shankerlal Vishwakarma, Gautam Lane, Jalpa Ward Katni (M.P).

Mining of Bauxite, Laterite & fire clay in 27.02 Ha Village: Tikariya, Teh: Murwara Distt: Katni (M.P) 1.25 lac MT/Year

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. TOR was issued to the Proponent for the lease area 17.33 Ha vide letter dated 16/04/08. Proponent has applied for enhancement of the lease area to 27.02 Ha in view of amalgamation of 9.690 ha by the M.P. Govt. Mining Department (letter no. dated 30/09/05). The production capacity shall remain the same.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

**MINUTES OF 23rd MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 20th April, 2009**

8

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to be taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- 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, Tendu, Kachnar & various fire-wood trees should be taken up. [Plantation Scheme year wise to be submitted].
- 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.
- 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

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

- NOC / Recommendation from the concerned DFO to be submitted.

3. 269/2009

Smt. Rekha Sharma 192, Second Floor Rachna Nagar Bhopal, (M.P)

Laterite Red Ochre & Clay Mine 6.83 Ha at Village - Salebhar, Tehsil- Bahoriband, Distt. Katni (M.P)

The Project proponent could not attend the meeting hence committee decided to call the proponent in the next meeting.

4. 270/2009

Shri Ganesh Acid Chemical (P) Ltd. Ward No.1, Mishra Nagar Waraseoni Distt. Balaghat (M.P)

Katanghari Manganese Deposit 6.229 Ha at Village - Katanghari Tehsil- Lalburra, Distt. Balaghat (M.P)

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 applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- 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, Amaltas, Tendu, Kachnar & various fire-wood trees should be taken up suitable to area.
- 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.
- 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
- Leachate study to be conducted and incorporated in the EIA report.
- NOC / Recommendation from the concerned DFO to be submitted.

5. 271/2009

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

**MINUTES OF 23rd MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 20th April, 2009**

11

Shri Ganesh Acid Chemical (P) Ltd. Ward No.1, Mishra Nagar Waraseoni Distt. Balaghat (M.P)

Borikheda Manganese Deposit 5.977 Ha at Village - Borikheda Tehsil- Katangi, Distt. Balaghat (M.P)

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 applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- 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, Amaltas, Tendu, Kachnar & various fire-wood trees should be taken up suitable to area.
- 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.

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

- 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.
- 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.
- Leachate study to be conducted and incorporated in the EIA report.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC / Recommendation from the concerned DFO to be submitted.

6. 272/2009

Rakesh Bansal Om Niwas Ramkrishnaganj, Behind Mandi Gate Khandwa (M.P)

Deshgoan Basalt Metal Stone Quarry 19800 Cum/Year 18.84 Ha at Village - Deshgaon Tehsil-Khandwa, Distt East Nimar (M.P)

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 applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to be taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- 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, Amaltas, Tendu, Kachnar & various fire-wood trees should be taken up suitable to area.
- 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.
- 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.

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC / Recommendation from the concerned DFO to be submitted.

7. 273/2009

Naginchand Bansal Om Niwas, Ramkrishnaganj, Behind Mandi Gate Khandwa (M.P)

Basalt (Metal Stone) mine 12206 Cum/Year Area- 10.470 Ha at Bhasingpur, Tehsil- Khandwa, Distt. East Nimar (M.P)

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 applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- 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, Amaltas, Tendu, Kachnar & various fire-wood trees should be taken up suitable to area.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

**MINUTES OF 23rd MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 20th April, 2009**

15

- 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.
- 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 / Recommendation from the concerned DFO to be submitted.

Meeting ended with vote of thanks to the Chair.

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**