

MINUTES OF THE 39th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 06th and 07th DECEMBER, 2016

The 39th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held on 06th and 07th December, 2016 under the Chairmanship of Sh. K.P. Bhawsinka in the Conference Room at SEAC, Ranchi. The following members were present:

1. Shri K.P. Bhawsinka - Chairman
2. Dr. B.K. Tewary - Member
3. Shri R.N. Singh - Member
4. Shri S.P. Shriwatav - Member
5. Dr. V.P. Sinha - Member
6. Dr. R.V Singh - Member
7. Shri M.S. Bhagwat - Member
8. Shri S.K. Sinha, IFS - Member Secretary

Special Invitee

1. Shri Ashok Kumar Yadav, JE - Representative of JSPCB (Present on 07.12.16)

Various projects which were received by SEIAA after the previous SEAC meeting held from 18th to 24th December, 2015 and forwarded to SEAC for their technical appraisal came up for discussions. Also those Projects which were appraised in SEAC's earlier meetings in which PP's were asked to provide additional informations / clarifications were also considered for examination / scrutiny where the Project proponents had submitted replies. Accordingly, the Project proponents were asked to make technical presentation for the appraisal of their project before the committee.

The following salient observations made during the Presentation (Project Wise) in brief deserve serious consideration.

A. Project considered for recommendation to SEIAA for consideration of grant of ToR.

1. Balkudra OCP (1.0 MTPA Normative & 1.3 MTPA Peak) of M/s Central Coalfield Limited at Village- Balkudra, District- Ramgarh, Jharkhand (149.50 Ha)

Balkudra OC is an existing old coal mining project of Central Coal Fields Ltd. The mine was started by Railway from 1924 in the block.

The South Karanpura Coalfield is located in the western part of the Damodar Valley and to the south of North Karanpura Coalfield. The Bhurkunda (SW) block is situated in the south eastern part of the South Karanpura Coalfield and occupies an area 0.60 Sq. km. The Balkudra OC proposed within Bhurkunda (SW) block is under the administrative control of the Barka Sayal Area of CCL. The latitude and longitude of the project site is 23°39'00"N to 23° 41'00" N and 85°21'00"E to 85°23'00"E respectively. Adjoining block situated to the north and east is Bhurkunda. Sauda-D is situated to the north – west corner of the block. The Damodar River and adjoining major nalas are the prime source of water and these constitute the main drainage system of the area. The Kurse nala flowing westerly joins Nakari nala in the north east of the block.

The nearest railway station is Bhurkunda station at a distance of 4 km on Gomoh-Dehri On Sone line via Barkakana loop line of Eastern railway. Ramgarh town is situated at a distance of 16 km from block.

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The normative capacity of project is 1.0 MTPA Normative & 1.3 MTPA Peak over a project area of 149.50 Ha.

The balance geological reserve is Sayal – 2.73 Mte, Upper Balkudra- 5.64 Mte and Lower Balkudra- 3.65 Mte grade and proposed mine life is 07 years. Mining will be undertaken by opencast method using shovel dumper combination. The project cost is Rs 5.80 Crores.

Based on the information contained in the documents submitted and the presentation made before the State Level Expert Appraisal Committee (SEAC) during its Meetings held during 06th to 07th December, 2016 the Committee recommends issuing of TORs for consideration of SEIAA for undertaking detailed EIA / EMP study.

The TORs prescribed for undertaking detailed EIA study are as follows:

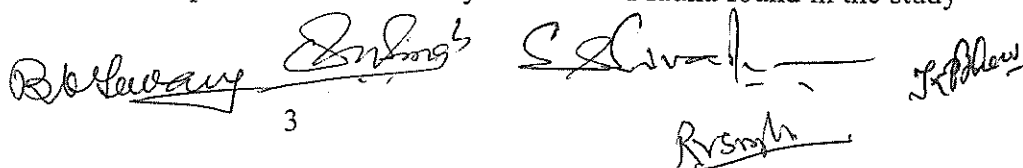
1. A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be included in the EIA Report.
2. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management and mining technology and should be in the name of the lessee.
3. All corner coordinates of the mine lease area superimposed on High Resolution Imagery / toposheet should be provided.
4. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
5. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
6. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions. Details of this system may be given.
7. Does the company have a system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report. Compliance Report on conditions stipulated by DMO at the time of granting of lease shall be submitted in the EIA Report.
8. The EIA Report shall be prepared considering the normative capacity of project is 1.0 MTPA Normative & 1.3 MTPA Peak. It should also address the possible impacts due to other projects in the region.
9. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
10. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated.
11. Land use plan of the mine lease area should be prepared to encompass Pre-operational, operational and post operational phases and submitted. Plan for development of garland drains should be included in EIA Report.

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10. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated.
11. Land use plan of the mine lease area should be prepared to encompass Pre-operational, operational and post operational phases and submitted. Plan for development of garland drains should be included in EIA Report.
12. Details of the land for OB dump outside the mine lease such as extent of land area, distance from mine lease, its land use, R&R issues, if any should be given.
13. High Resolution Satellite Imagery of the proposed area clearly showing the land use and other ecological features of the study area (core and buffer zone) should be furnished.
14. A Certificate from the Competent Authority in the State Forest Department (DFO, Ramgarh) should be provided, confirming the involvement of forest land, if any in the project area, or otherwise, based on land use classification (revenue record) as also in terms of the definition of forest as pronounced in the judgment of the Hon'ble Supreme Court of India in the matter of T.N. Godavarman Vs. Union of India. In the event of any claim by the project proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
15. **Status of land as certified by CO and DFO be submitted.**
16. In case Forest Land has been surrendered then relevant document from competent authority stating that the surrendered Forest Land has been accepted by it has to be included in EIA Report. The Report should clearly state the the Mine Plan has been prepared in non Forest area.
17. Implementation of status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
18. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly detailed mitigative measures required should be worked out with cost implications and submitted.
19. The vegetation in the RF / PF area with necessary details should be given. Details of Flora and Fauna in the study area is to be included in EIA Report.
20. A study shall be got done to ascertain the impact of the mining project on wildlife of the area including elephant population if any, and details furnished. Distance of nearest elephant corridor is to be indicated in EIA Report.
21. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the State Wildlife Department/Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished. In case, there is no such Eco-sensitive area within 10 km, the boundary of the nearest Eco-sensitive are area with its distance shall be marked in a drawing and included in EIA / EMP Report.
22. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on primary field survey clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study



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area, the necessary plan for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

23. Impact, if any, of change of land use should be given based on similar past experience citing the examples.
24. R&R plan / compensation details for the project affected people should be furnished. While preparing the R&R plan, the Jharkhand State and National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections, need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Government.
25. The villages located on the periphery of mine-lease area should be protected and if necessary be relocated as per State / Central Government Policy.
26. Collection of one season (non-monsoon) primary baseline data on ambient air quality, water quality, noise level, soil and flora and fauna. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified. Date wise collected baseline AAQ data should form part of EIA and EMP report. The mineralogical composition of RSPM/SPM particularly for free silica should be given. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given. Since there are contagious mines monitoring should be made to cover them as well.
27. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
28. Representative area to be identified for establishment of ambient air quality monitoring station.
29. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
30. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
31. Details of water conservation measures proposed to be adopted in the project should be given. Sanitary waste water will be treated and used. Scheme should be included in EIA Report.
32. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
33. As Nakari River & Karse Nala are located towards the lowest contour on the north & east direction of the proposed project site, it is expected to collect (due to passage of storm water during precipitation) loose sediments generated during excavation in mining operation, which, if not adequately arrested, might raise the bed level of River & Nala. For accommodating the flow of the streams (water way), the spread of River & Nala might increase resulting in submergence of larger area in the vicinity.

A study, therefore, is required to be carried out by CCL, considering the existing contour of the area, flow in the streams, cross-section of river & Nala, HFL, River/Nala bank profile etc

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addressing these aspects & highlighting the proposed remedial measures required to be taken to ensure that the condition of flow is not deteriorated during the entire project period due to excessive sediment transport etc.

All supporting data, drawings (contour plan), dimensioned plan & cross-sections of river & nala etc shall be submitted.

34. "Barrier Walls proposed to be constructed in the project area along the river & nala to contain the high floods , might at the same time put hindrance in free flow of storm water from higher contours of the project area lying on the south of Nakari River & western part of Karse nala to the streams. This aspect shall be clearly explained in the report & shall be substantiated with schematic sketches , cross sectional detail of barrier gravity wall etc."
35. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
36. Details of any stream, seasonal or otherwise, passing through lease area and modification / diversion proposed, if any and the impact of the same on the hydrology should be brought out.
37. Details of rainwater harvesting in the project should be provided. The same should be got approved from Ground Water Directorate Government of Jharkhand / Central Ground Water Board / Authority.
38. Information on site elevation, working depth, groundwater table etc. should be provided both in AMSL and below ground level. A schematic diagram may also be provided for the same.
39. Quantity of solid waste generation to be estimated and details for its disposal and management should be provided. The quantity, volumes and methodology planned for removal and utilisation (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should also be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
40. A detailed **site plan of mining lease area** with contours at 1m interval superimposed over it based on topographical survey carried out in protect area & showing the various proposed break-up of the land for mining operations such as quarry, O.B dumps, green belt, safety zone, infrastructure, stockyard, colony etc (within and adjacent to the mining lease) along with natural drainage , embankments / ponds /water bodies & other physical barriers would be incorporated.
41. The reclamation plan, mine closure plan, post mine land use and progressive greenbelt development plan shall be prepared in tabular form (prescribed format) and submitted. Plantation should be taken up urgently.
42. Impact on local transport infrastructure due to the project should be indicated quantitatively. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load & whether the existing road geometry , its gradient, curvature etc are adequate & whether existing road/rail culverts etc , if any, are capable of sustaining the increased forces due to movement of loaded trucks during project period & movement of other Construction equipments during construction period. The gap in the infrastructure shall be identified & arrangement for adequately improving the infrastructures to

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meet the requirement to be worked out (including action to be taken by other agencies such as State Government) . Approach road and internal roads are to be made pucca with the material & workmanship specification of RCD, GOJ. Cross-section detail of proposed road & Estimate for the same to be included. Scheme for water sprinkling to avoid dust generation is to be included in EIA Report.

43. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
44. Details of previous and post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
45. Phase-wise plan of greenbelt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The species selected should be able to thrive on low nutrient soil. They should be able to adapt to local conditions and should be resistant to drought and extreme temperatures. PP should take up this activity immediately and the details of plantation done should be given in EIA Report.
46. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre placement medical examination and periodical medical examination schedules should be incorporated in the EMP. This should also include plan for periodical health checks and safety of staff and workers.
47. Public health implication of the project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocation.
48. Measures of socio economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation. Drinking water and health facilities are to be considered as a part of CSR activities. PP should take up same immediately.
49. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia also include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts besides other impacts of the projects.
50. Public hearing.

The following general points should be noted:

- a. Properly indexed, page numbered.
- b. Period/date of data collection should be clearly indicated. (non-monsoon)
- c. Authenticated English translation of all material in Regional languages should be provided.
- d. The letter/application for environmental clearance should quote the SEIAA, Jharkhand file No. and also attach a copy of the letter.
- e. Site related monitoring shall be carried out for 3 months in one season (non monsoon).
- f. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report
- g. While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MoEF vide O.M. No. J-11013/41/2006-IA.II (I) dated 4th

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August, 2009, which are available on the website of this Ministry should also be followed.

- h. The consultants involved in the preparation of EIA / EMP report after accreditation with Quality Council of India (QCI) / National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA /EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc.
51. Public hearing points raised and commitment of the project proponent on the same along with time bound action plan to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
52. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
53. The cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
54. Detailed ground water study of the core and buffer area giving fluctuations season wise of the water levels in various dug wells of the area need be carried out. Also a thorough study of ground water aquifer parameters such as specific yield, transmissivity and draw down characteristics be covered. A detailed statement as regards ground water discharge/dewatering per /day and annum with artificial recharge equal to the yearly discharge from the mine needs to be furnished so that discharge and recharge process happen simultaneously without disturbing ground water regime. A radius of influence be marked to show the impact zone due to mine water discharging.

Besides the above, the below mentioned general points should also be followed:-

- a) A note confirming compliance of the TOR, with cross referencing of the relevant sections / pages of the EIA report should be provided.
- b) All documents may be properly referenced with index and continuous page numbering.
- c) Where data are presented in the report especially in tables, the period in which the data were collected and the sources should be indicated.
- d) Where the documents provided are in a language other than English, an English translation should be provided.
- e) The Questionnaire for environmental appraisal of mining projects as prescribed by the Ministry shall also be filled and submitted.
- f) Approved mine plan along with copy of the approval letter for the proposed capacity should also be submitted.
- g) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MoEF vide O.M. No. J-11013 /41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry should also be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the F.R for securing the TOR) should be brought to the attention of SEIAA, Jharkhand with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in

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structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH process again with the revised documentation.

The EIA report should also include

1. surface plan of the area indicating Contours of main topographic features, drainage and mining area.
2. geological maps and sections and
3. sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

After preparing the draft EIA (as per the generic structure prescribed in Appendix- III of the EIA Notification, 2006) covering the above mentioned issues, the proponent will get the public hearing conducted and take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification, 2006.

The TORs prescribed shall be valid for a period of two years for submission of the EIA/EMP Report as per OM F No. J11013/41/2006-IA-II(I) part dated 22nd August 2014.

B. Projects for which SEAC has sought clarifications from PP.

1. **Dungri Sand Lease Area, Dhanbad of M/s Tata Steel Limited at Mouza- Dungri, Tehsil- Dhanbad, Dist.- Dhanbad, Jharkhand (24.127 Ha).**

PP was also asked to submit additional information:-

1. Approved Mining Plan
2. Certificates from DFO & CO regarding status of land.
3. Application for TOR extension.
4. All relevant papers submitted.
5. PP could be present with the NABET accredited consultant.
6. Distance certificate from CO & DFO in standard format.

Once the PP provides the information, SEAC will examine the case.

2. **Tetangabad Sand Lease of M/S Tata Steel Limited at Mouza- Tetangabad, Tehsil + Dist.-Dhanbad Jharkhand. (34.66 Ha).**

PP was also asked to submit additional information:-

1. Approved Mining Plan
2. Certificates from DFO & CO regarding status of land.
3. Application for TOR extension.
4. All relevant papers submitted.
5. PP could be present with the NABET accredited consultant.
6. Distance certificate from CO & DFO in standard format.

Once the PP provides the information, SEAC will examine the case.

3. **Tepsa Stone Mine Project of Shri Raj Kishore Prasad at vill- Tepsa, P.O. & P.S- Ichak, Dist- Hazaribagh, Jhk (8.05 Ha)**

R. S. Singh *S. S. Singh* *R. S. Singh*

PP was also asked to submit certificate from present DFO regarding distance from forest and legal status of proposed land. DFO shall also inform whether some litigation is under process or not.

Once the PP provides the information, SEAC will examine the case.

4. Rajhara Opencast Project of M/s CCL at Vill- Rajhara&Pandwa, Tehsil- Pandawa&Bisrampur, District- Palamu, Jharkhand (149.38Ha).

PP was also asked to submit additional information:-

1. Transportation Route Chart.
2. Certificates from DFO & CO regarding status of land.
3. Clarification of violation under EP Act, Water Act and Air Act.
4. Status of plantation.
5. Sustainability, stability and sediment transportation features of river.
6. Details of Ground Water Recharge.

Regarding point no.-3 separate letter to be issued to JSPCB also.

Once the PP provides the information, SEAC will examine the case.

5. Sponge Iron Plant of M/s Shah Sponge Ltd. vill- Bhumri (juri) tehsil- potka, Dist.- East Singhbhum. Jharkhand.

The representative has submitted a letter from M/s Shah Sponge & Power Ltd dated- 05.12.2016 wherein they have informed for withdrawing their application & requested for closure of their file.

6. M/S Bihar Hard Coke Mfg. Co. Pvt. Ltd.Sri Jog Narayan Singh,vill- Udaipur, Tehsil-Kalayanpur ISM, Dist-Dhanbad. Jharkhand (5.07 Acre)

Government to be requested explaining all the facts of this case and for directing JSPCB for filing case against the unit. Next date of hearing to be fixed after submission of all relevant documents.

Once the PP provides the information, SEAC will examine the case.

7. Sundre Stone Mine of Shri Ram Saware Tiwari at Village- Sundare, Tehsil- Mandro, Dist.- Sahibganj, Jharkhand (6.41 Ha).

PP has submitted certificates from CO, DFO & DMO. PP was asked to submit additional information:-

1. Certificate from CO regarding two contradictory statements & basis of measurement of state boundary distance.
2. KML file regarding distance.
3. DMO to explain whether mining took place after sanction of previous lease.

Once the PP provides the information, SEAC will examine the case.

8. Mundli Stone Minle of Sri Rajesh Kr. Jaiswal at Village- Mundli, P.O. & P.s.- Mirzachouki, Dist- Sahibganj, Jhk (5.38 Ha)

PP has submitted certificates from CO, DFO & DMO. PP was asked to submit additional information:-

1. Certificate from CO whether Interstate Boundary falls within 05 KM or not.
2. Certificate from DMO regarding no mining after sanction of previous mining lease.
3. KML file regarding distance.

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Once the PP provides the information, SEAC will examine the case.

9. Bhendra Sand Mining Project on Jamunia River of Shri Pintu Kumar at Village- Bhendra, Anchal- Nawadih, Dist.- Bokaro, Jharkhand (9.71 Ha).

PP was asked to submit certificate from CO regarding status of land.

Once the PP provides the information, SEAC will examine the case.

10. Khanudih & Dagdho Balu Ghat on Jamunia River of Shri Raj Kumar Mahto at Village- Khanudih & Dagdha, Tehsil- Baghmara, Dist.- Dhanbad, Jharkhand (21.04 Ha).

PP was asked to submit additional information:-

1. Certificate from CO regarding status of land.
2. Certificate from DFO, Hazaribagh Wild Life Division regarding distance from Wild Life Sanctuary and Bio Diversity Area falls within 05 KM.

Once the PP provides the information, SEAC will examine the case.

11. Chaita & Khairbera Balu ghat Sand Mining Project on Jamunia River of Mr. Lal Chand Mahto at Village- Chaita & Khairbera, Tehsil- Topchanchi, Dist.- Dhanbad, Jharkhand (9.06 Ha).

PP was asked to submit additional information:-

1. KML file regarding distance from sanctuary.
2. Certificate from DFO, Hazaribagh Wild Life Division, Hazaribagh regarding distance from Wild Life Sanctuary and Bio Diversity Area falls within 05 KM.

Once the PP provides the information, SEAC will examine the case.

12. Heben Sand Mine Project on Sanka River of Sri Binay Kumar Agarwal at Village- Heben, Thana-Simagunda, Dist.- Saraikela-Kharsawan, Jharkhand (6.24 Ha).

PP was asked to submit certificate from DFO regarding distance from forest land and distance from Wild Life Sanctuary and also submit detail of cross section of the proposed mining site. ^{and with the help of sand deposit.} *only 80% of sand deposit.*

Once the PP provides the information, SEAC will examine the case.

13. Sand Mining Project at Banai River of M/s Anokha Ram at vill- Mahil & Ghaghra, P.s.- Murhu, Dist- Khunti, Jharkhand (6.975 Ha).

PP is requested for deferment to next meeting.

14. Biru Sand Mining Project located on Palamara River of Sri Xaviyar Minz at Mouza- Biru, Thana & Dist.- Simdega, Jharkhand (6.07 Ha).

The Proponent Sri Xaviyar Minz, who was present in the presentation submitted that the DMO, Simdega vide letter no.- 423/M, dated- 25.06.2015 has requested DFO, Simdega to provide the necessary information on distance from Forest etc, but even after a lapse of about 1½ years, no information has been provided by him. However, later on verification from DFO, Simdega it was found that the facts stated by the Proponent is false and misleading. The DFO, Simdega vide letter

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no.- 1772, dated- 16.09.2015 has already provided the requisite information to DMO, Simdega in which the distance of forest from the river has been stated to be Zero meter.

In view of this wrong submission by the Proponent, this proposal is kept in abeyance for the next date when the Proponent shall explain his side on the aforesaid issue.

Once the PP provides the information, SEAC will examine the case.

15. Pahartoli Sand Mining Project located on Koel River of Sri Anil Kumar Gupta at Mouza- Pahartoli, Thana – Basiya, Dist.- Gumla, Jharkhand (5.66 Ha).

PP has submitted certificates from DFO (Letter no.- 2908, dated- 02.12.2015) & DMO (Letter no.- 1497, dated- 08.12.2015). On closer scrutiny of DFO's Gumla letter no.- 2908, dated – 02.12.2015 it was found the DFO has given distance of National Park, Sanctuary and Bio Diversity area wherein he has stated that within a circumference 1 KM from the proposed mining site, the aforesaid, three protected area does not exist.

Hence the committee decided that before taking a further decision the DFO, Gumla should be asked to provide the exact distance between proposed mining site and National Park, Sanctuary and Bio Diversity area and the DFO should also comment on the possible impact of sand mining on the nearest Sanctuary area and whether the transportation of trucks would take place through the nearest Sanctuary area or not. The Proponent should also submit an Affidavit whether transportation of trucks will pass through the Sanctuary/Protected area or not. After submission of such report the PP shall be asked to be present for final decision on the proposal.

Once the DFO, Gumla provides the information, SEAC will examine the case.

16. Sirango stone deposit of M/s Eco Tech Coal Industries Pvt Ltd. (Shri Kavach Kumar Nirmal) at Village- Sirango, Block- Kanke, Dist.- Ranchi, Jharkhand (16.39 Ha).

Consultant- M/S Cognizance Research India Pvt Ltd, Noida, RQP- Sri D.P. Choudhary

This is a Stone Mining Project for having an area of 16.39 Ha [Khata No.- 83, Plot No.- 1469 (P)]. The committee noted that as per Form I it is a proposal for new lease for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine

B. S. Sanyal *S. Singh* *S. Chivara* *R. K. Law*
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will have not have any major impact on the surroundings. The indicated project cost is Rs 20.00 Lakhs and a provision of Rs 6.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 2,04,83,374 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	16,28,386 t
2 nd Year	:	16,27,719 t
3 rd Year	:	16,25,125 t
4 th Year	:	16,48,401 t
5 th Year	:	16,21,166 t

The daily production as per Form I is 30 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO.. The information was submitted by DMO, Ranchi wherein he has informed that within a distance of 500 m three more projects for stone mining having area of 40.00 Acre, 12.62 Acre and 41.50 Acre are in the pipeline. Apart from the present application having area of 40.50 acre, the total area of all the four projects is 134.62 Acre (54.50 Ha). As per the guideline of MoEF & CC the total area being more than 25 Ha, hence regarding Sirango mines, it emerged on closer scrutiny that the area of all the four mines mentioned in DMO's letter is 134.62 Acres (54.50 Ha) and on the basis of GoI circulars, this becomes a category 'A' proposal, for which the GoI is competent body for grant of EC. However the latest guidelines of MoEF & CC (S.O. 141 E, dated- 15.01.2016), states that "**A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area**"

Since the letter of DMO (Letter no.- 1906, dated- 31.10.2015) does not mention about the present status of the other three proposed mining leases, hence a clarification may be asked from him, whether the case of applicant and other three proposed lessee, form a cluster or not and whether the case of the applicant can be considered as single case or cluster case. Based on the report of DMO, Ranchi the committee shall take further action. Hence no ToR shall be issued till correct information is received from DMO.

C. The following is the list of PP's not present.

1. Expansion of coke over plant of M/S Amit coke Industries vill- Gohira, Block- Govindpur Dist- Dhanbad Jharkhand (6.13 Ha)
2. Sponge Iron Plant of M/s Bihar Sponge Iron Limited, Vill- Umesh Nagar, Tehsil- Chandil, Dist.- Saraikela-Kharsawan, Jharkhand
3. Kedro Quartzite Mine Project of M/s Bharat Mining Company, Vill.-Khar, Dist.-East Singhbhum , Jharkhand.(5.879 ha)
4. Maharajganj Pyroxenite Mine of M/s Jaganath Cement Works Pvt. Ltd. at vill- Maharajganj, thana- Rajnagar, Dist- Saraikela, Kharsawan, Jhk (13.644 Ha)
5. Nadbelwa Sand Mining Project on Sukri river of M/s Sri Bali Yadav , New State bank of India, At+P.O.+P.S.- Manika, Latehar (13.05 Ha)
6. Chapandey Stone Mine at vill- Chapandey, thana- Ranga, Dist- sahibganj, state- Jhk (8.38 H.a)

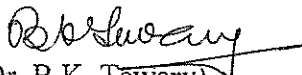
B. B. Sanyal → *B. B. Sanyal* 12
S. S. Sanyal → *S. S. Sanyal*
R. S. Singh → *R. S. Singh*

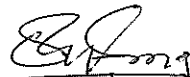
D. The following is the list of PP's who have requested for deferment to January, 2017.

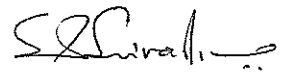
1. Jarangdih Sand Mine project in River Bed of Damodar of M/s CCL (48.75 hac)
2. Swang Sand Wining project in River Bed of Bokaro of M/s CCL (34.83 hac)
3. Govindpur Sand Mine project in River Bed of Damodar of M/s CCL (35.58 hac)

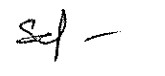
It was decided that the next meeting of SEAC will be held from 22nd and 23rd December, 2016.


The meeting concluded with thanks to all present.



(Dr. B.K. Tewary)
Member


(R.N. Singh)
Member



(S.P. Srivastav)
Member


(Dr. V.P. Sinha)
Member


(Dr. R. V. Singh)
Member


(M.S. Bhagwat)
Member


(S.K. Sinha)
Member Secretary


(K.P. Bhawsinka)
Chairman

