

MINUTES OF THE 67TH MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD ON 25TH 26TH & 27TH FEBRUARY, 2019

The 67th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held on 25th 26th & 27th February, 2019 under the Chairmanship of Sh. K.P. Bhawsinka in the Conference Room at SEAC, Ranchi.

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|------------------------|--------------------|
| 1. Sri K.P. Bhawsinka | - Chairman |
| 2. Dr. B.K. Tewary | - Member |
| 3. Sri R.N. Singh | - Member |
| 4. Sri Y.K. Singh | - Member |
| 5. Sri S.P. Srivastava | - Member |
| 6. Sri U.P. Singh | - Member |
| 7. Sri Om Prakash | - Member Secretary |

Dr. V.P. Sinha, Dr. R. V. Singh & Sri Mohan Sriram Bhagwat, Member, SEAC could not attend the meeting due to personal reason.

Various projects as received from SEIAA after the previous SEAC meeting held on 29th, 30th & 31st January, 2019 and forwarded to SEAC for the technical appraisal, were put up for discussions. Besides, those Projects which were already appraised in SEAC's earlier meetings, where PP's were asked to provide additional information / clarifications, were also considered for examination / scrutiny. The Project proponents replied with required documents. Accordingly, the Project Proponents were asked to make technical presentation for the appraisal of their projects before the committee.

The following observations /recommendations were made during the presentation (Project -wise), as under:-

Day 1 : February 25, 2019 [Monday]

A. Discussion on matter related to :

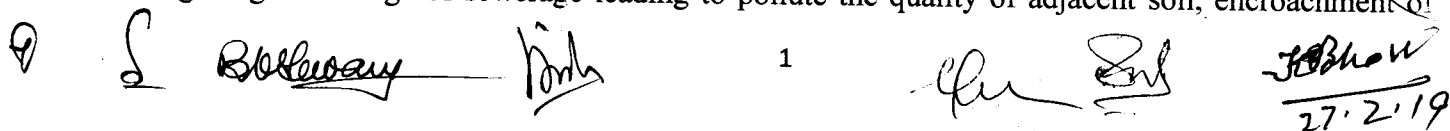
- i. **SEIAA letter no. 36, dated 22.01.19 regarding distance of housing projects from PF / RF land.**

The issue of the impact of housing project on the nearby forest was considered for discussion as asked by SEIAA vide letter no. 36, dated 22.01.19.

Any guidelines issued by MoEF pertaining to minimum distance from Building Projects, is not available on record before the SEAC. The documents submitted by CREDAI, Jharkhand mention that as per the information derived from websites of the 22 States, none of the State has laid any criteria regarding the minimum distance of housing project from PF / RF. Besides, rest of the 06 States have responded through RTI that no criteria has been laid, so far in their States.

Building Projects, that comes for appraisal before the SEAC, would have detrimental impact on nearby forest on following aspects viz hydrological (drainage pattern & ground water depletion), geomorphological (change of land form), thermal (emission / discharge by Building projects, its ACs, Genset, electric appliances etc. enhances the temperature in surrounding micro-climate), slope/soil stability (building projects especially on unstable slope would lead to land slide).

Besides, building projects would create leftover building waste debris all around, dumping of garbage discharge of sewerage leading to pollute the quality of adjacent soil, encroachment of

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nearby area (forest if it is forest area) by vehicles parking, mushrooming of slums & small shops etc leading to deforestation.

The committee discussed all the relevant issues. It is unanimously agreed in the SEAC that for the protection of forest & environment adjacent to forest, a buffer zone should be mandatory. The only issue is width of buffer zone, *i.e.* how much should be the reasonable minimum distance of Building Project from the forest boundary.

The finalization of minimum distance between the building project area and forest is empirical, as it would depend on many factors, such as (i) type and location of the building projects (residential or commercial) (ii) size & plan of the project, nature & quality of the forest and topography.

Among the members Dr. B.K. Tewary, Dr. R.N. Singh & Sri U.P. Singh has raised their concern whether the committee has the authority to formulate such guidelines. Even MoEF&CC has not formulated any guideline, as such.

The SEAC after deliberation decided that the minimum distance of building projects from forest boundary should be 50 m. However, site-specific & project specific consideration may be taken with specific condition by the SEAC / SEIAA with reasonable observation.

ii. SEIAA email dated 30.01.19 regarding scheme for Accreditation of EIA Consultant organizations : Version 3- Improvisation.

The committee welcomed the proposed discussion to be held with NABET team. Member Secretary, SEAC has been entrusted to discuss with NABET / SEIAA and fix the date and time schedule.

iii. Deptt. of Forest, Environment & Climate Change, Govt. of Jharkhand letter no. 2982, dated 16.07.18.

The notifications of DEIAA, Dumka regarding the "No mining zone" was discussed and well taken so that EC would not granted in "No mining zone".

iv. Letter dated 21.01.19 of M/s Balmukund Sponge & Iron Pvt. Ltd seeking cancellation of ToR application (Proposal No. SIA/JH/IND/18748/2017).





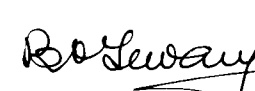

The proposal of the PP seeking cancellation / withdrawal of ToR application proposal was discussed and recommended for the acceptance of the same.

v. Letter dated 17.01.19 of "Ashiana Ananda" of M/s Ashiana Housing Ltd seeking withdrawal of EC application.

The proposal of the PP seeking withdrawal of EC application was discussed and recommended for the acceptance of same.

vi. Proposal No. SIA /JH/NCP/75825/2018 ("Ashiana Aditya" of M/s Ashiana Housing Ltd at Asanga, Adityapur, Saraikela-Kharsawan) regarding the distance of notified forest is 08 m from proposed project site.

No related documents have been provided and as such not discussed in the meeting.

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Consideration of Proposals

Agenda no. 1

Khokha Sand Mining Project located on river bed of Son River of M/s Ganga Kaveri Construction Pvt. Ltd at Vill. : Khokha, Anchal : Kharaundhi, Dist. : Garhwa (23.00 Ha).

(Proposal No. SIA/JH/MIN/ 77868/2018)

This is a Sand Mining Project with an area of 23.00 Ha [Khata No. - 59, Plot No.- 199 (P)]. It is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 833, dated- 04.07.2015. The latitude and longitude of the project site is 24° 29' 45.93" N to 24° 30' 4.45" N and 83°23'55.42" E to 83° 24' 15.20" E respectively. The nearest railway station is Nagar Untari at a distance of 27 km in SE direction and the nearest airport is Lal bahadur Shashtri International Airport, Varanasi at a distance of 118 km in NW direction. Total water requirement is about 9.4 KLD (5.4 KLD Domestic & Drinking uses) + 4 KLD Dust suppression), this water will be supplied from nearby village by tankers.

The indicated project cost is Rs 60 Lakh and a provision of Rs 3.60 Lakh has been indicated for Environment management. Budget for Corporate Environmental Responsibility (CER) is 1.40 Lakh.

The proposed estimated mineable reserve is 10,29,600 t and annual production capacity as per Form-I has been indicated as 10,29,600 t per annum.

The Project Proponent requested for issuance of standard ToR compatible with Sustainable Sand Mining Guidelines, 2016 issued by MoEF&CC.

DFO, North Garhwa vide letter no. 1222, dated - 18.03.17 certified that the distance of forest is 348 m from project site and not within 10 km from National Park, Bio-Diversity & Sanctuary. The CO, Kharoundhi vide letter no. 239, dated - 06.10.18 has mentioned the plot no. of the project is not recorded as "Jangle Jhari" in the Khatian or Register -II .

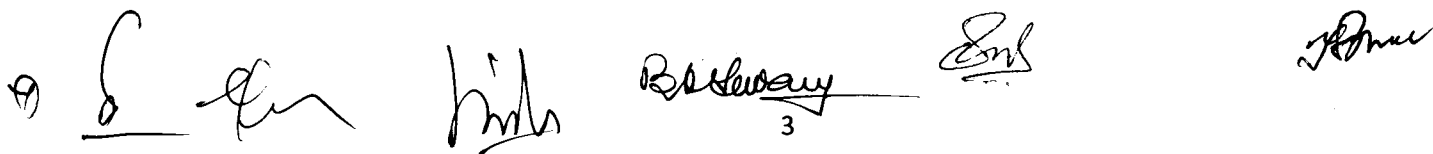
Though PP and the consultant started the presentation but at the outset it was observed by the members that the documents like PFR and mining plan submitted do not match each other. The geology of the area was surprisingly depicted for Raj Mahal area in place of the site at Garhwa district. Similarly DSR was not addressed. The Committee deliberated on this issue and opined that presentation be made based on correct facts & documents. PP was suggested to submit the correct documents.

On submission of documents, SEAC will discuss.

Agenda no. 2

Simariya Stone Deposit of M/s Pawanputra Stone Works at Village- Simariya, Thana- Jirwabari, Dist.- Sahibganj, (6.07 Ha).

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting.


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Agenda no. 3

Pahartoli Sand Mining Project of Sri Anil Kumar Gupta at Vill. Pahartoli, Thana – Basia, Dist.- Gumla (5.66 Ha).

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting.

Agenda no. 4

Moradih, Loyadih & Polkera Balu Ghatof M/s S.G. Pro Ltd (Sri Ajay Singh) at Vill.- Moradih, Loyadih & Polkera, Tehsil & Dist.- Dhanbad (20.39 Ha).

This is a Sand Mining Project having an area of 20.39 Ha [Moradih Plot No.- 1679 (P), Loyadih Plot no.- 01 & Polkera Plot no.- 1923]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's office allotment letter no.- 2031, dated- 04.11.2015.

The indicated project cost is Rs 2.17 Crore and a provision of Rs 3.60 Lakh has been indicated for Environment management.

The proposed estimated mineable reserve is 6,87,218 tonne and annual production capacity as per Form I has been indicated as 6,87,218 tonne per annum.

DFO, Dhanbad vide letter no. 181 C, 182 C & 183 C, dated- 27/07/2018 certified that project site is not within 250 m from notified forest and not within 10 km from National Park, Bio-Diversity & Sanctuary. The CO, Purvi Tundi vide Letter no. 465, dated 13.09.17 has mentioned / certified that class of land is River.

The DFO certificate from Jamtara is yet to be submitted. As such the project is deferred to next meeting.

Agenda no. 5

Pondra Bejra Balu Ghat on Barakar River of M/s Mihijam Wine Traders (Prop: Sri Shankar Ghosh) at Vill.-PondraBejra, Anchal – Dhanbad, Dist.- Dhanbad (14.40 Ha).

This is a Sand Mining Project having an area of 14.40 Ha [Plot No.- 2917 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's office allotment letter no.- 2033, dated- 04.11.2015.

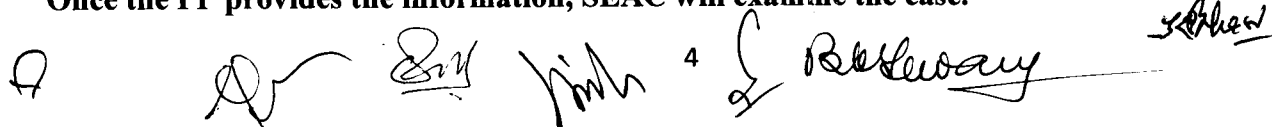
The indicated project cost is Rs 40.00 Lakh and a provision of Rs 0.60 Lakh has been indicated for Environment management.

The proposed estimated mineable reserve is 4,36,792 tonne and annual production capacity as per Form I has been indicated as 4,36,792tonne per annum.

DFO, Dhanbad stated that there is a possibility of misuse / un-authorized use of forest land for sand transportation.

In the light of the comments of DFO, Dhanbad wherein he apprehends that the transportation will disturb the forest area, the Committee observed that the PP would be required to submit the evacuation route chart certified by the DFO, Dhanbad, so that no environmental damage to adjoining forest is made.

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

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Agenda no. 6

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

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting as per request of the Consultant.

Agenda no. 7

Barano Sand Deposit of M/s JSMDC Ltd at Vill.- Barano, Thana & Block - Chalkusha Dist. – Hazaribagh, (5.241 Ha).

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting as per request of the Consultant.

Agenda no. 8

Kusumkiyari Sand Ghat in the river bed of Gobai River of M/s JSMDC Ltd at Vill.- Kusumkyari, P.O. & P.S. - Chandankyari, Dist. - Bokaro (13.00 Ha).

As required in earlier meeting, the consultant submitted the related documents & discussed as well. But the mining related modified documents submitted were not authenticated by the DMO. Moreover, the PP was not present.

Once the correct document is submitted, the case will be discussed.

Agenda no. 9

Bhenda Sand Mining Project on Jamunia River of Sri Pintu Kumar at Vill.-Bhendra, Anchal - Nawadih, Dist.- Bokaro (9.71 Ha)

The committee noted that the project proponent has not attended the meeting. The committee recommends to defer this proposal to the next meeting.

Agenda no. 10

Khanudih and Dagdho Balu Ghat Sand Mining of Sri Raj Kumar Mahto at Vill. Khanudih & Dagdho, Tehsil- Baghmara, Dist.-Dhanbad (21.04 Ha).

The committee noted that the project proponent has not attended the meeting. The committee recommended to defer this proposal to the next meeting.

Agenda no. 11

Jarangdih Sand Mine project in River Bed of Damodar of M/s CCL at Mouza – Jarangdih, Gomia, Bokaro (48.75 hac).

PP requested to drop this project as the nearby underground coalmine for which the sand was stoned to be has been closed. The committee accepted the reason & recommendation to SEIAA for closing this project.

Agenda no. 12

Swang Sand Mining project in River Bed of Bokaro of M/s CCL at Vill. Hazari, Gomia, Bokaro (34.83 hac).

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PP requested to drop this project as the need of the sand is not envisaged as the concerned swang underground colliery has stopped operating.

SEAC accept, the above request & recommend the SEIAA to close this file.

Agenda no. 13

Govindpur Sand Mine project in River Bed of Damodar of M/s CCL at Vill. Govindpur, Bermo, Bokaro (35.58 hac).

PP made a presentation showing the chronological order of states of this project as follows :

- (i) ToR prescribed on 09.10.2013
- (ii) Environmental Base Line data generated is September – December, 2013
- (iii) Draft EIA / EMP submitted in 2015.
- (iv) Public Hearing successfully held on 16.05.15
- (v) Feasibility cum mine plan was approved on 20.08.2015 by competent authority
- (vi) Online EIA /EMP submitted on 20.09.15

The committee suggested to :

- (i) Reply the 21 points of quarries given by SEAC meeting held on 19-23.11.15
- (ii) CO certificate regarding class of land (recorded as Jangle Jhari or not).
- (iii) DFO certificate regarding distance of Notified Forest / National Park / Bio-Diversity Park / Sanctuary.

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

Day 2 : February 26, 2019 [Tuesday]

Consideration of Proposals

Agenda no. 1

Stone Quarry at Baliapur of M/s Virbhan Das at Vill. – Baliapur, Dhanbad (0.89 Ha).

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting.

Agenda no. 2





Taratand Stone Quarry of Sri Devendra Pd. Mehta at Vill. – Taratand, Domchanch, Koderma (0.761).

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting.

Agenda no. 3

Tirildih-Turi Stone Deposit of M/s Kiran Construction & Infrastructure Pvt. Ltd at Vill. Tirildih & Turi, Ghatsila, East Singhbhum (8.90 Ha).

(Proposal No. SIA/JH/MIN/61903/2017)

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This is a Stone Mining Project with an area of 8.90 Ha [Tirildih Khata no. 233, Plot No.- 1226 (P), Turi Khata no. 190, Plot no. 22, 51 (P) & 190 (P)]. The latitude and longitude of the project site is 22° 39' 36.58" N to 22° 39' 50.24" N and 86° 09' 50.76" E to 86° 10' 10.57" E. The nearest railway station is Haludpukhur at a distance of 7.5 km in SW direction and the nearest airport is Ranchi at a distance of 115 km in NW direction. Total water requirement is about 20.5 KLPD (Drilling & Dust suppression : 10.0 KLPD, Plantation : 1.0 KLPD & Drinking / Domestic : 9.5 KLPD). Water will be drawn from nearby villages.

The indicated project cost is Rs 2.50 Crore and a provision of Rs 4.17 Lakh has been indicated for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineral Proved Reserve	:	47,51,964 t
Mineral Probable Reserve	:	7980 t

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

1 st Year	:	4,75,966 t
2 nd Year	:	4,75,941 t
3 rd Year	:	4,75,980 t
4 th Year	:	4,75,938 t
5 th Year	:	4,75,972 t

The daily production as per Form I is 1587 tonnes.

DFO, Jamshedpur vide letter no. 209, dated - 19.01.16 certified that the distance of notified forest is 400 m from project site and not within 10 km from National Park, Bio-Diversity & Sanctuary. The DFO, Saraikela vide letter no. 2597, dated 25.11.17 certified that the distance of notified forest is above 400 m from project site. The CO, Potka vide letter no. 1146, dated - 18.11.15 has mentioned the plot no. of the project site is not recorded as Jangal Jhari in Khatiyani.

Due to unavailability of DSR for different districts of Jharkhand, the different projects are either withheld or return to SEIAA without appraisal specially in the light of Hon'ble NGT order dated 13.09.18 & 11.12.18 and MoEF&CC letter dated 12.12.18.

It is felt that a joint meeting of SEIAA & SEAC and State Mining Deptt. may be organized to settle the issue of DSR of minor minerals as it is mandatory for the mining projects.

Agenda no. 4

Dindli Sand Mining Project on Kharkhai River of M/s Amit Trading Corporation at Village-Dindli, Thana- Adityapur, Dist.- SaraikelaKharsawan, (6.07 Ha).

(Proposal No. SIA/JH/MIN/63041/2017)

This is a Sand Mining Project for having an area of 6.07 Ha [Khata No.-308, Plot No.- 01 (P) & 1472 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.-2613, dated- 18.11.2016. The latitude and longitude of the project site is 22° 47' 44.30" N to 22° 48' 05.28" N and 86° 09' 29.72" E to 86° 09' 51.59" E. The nearest railway station is Adityapur at a distance of 1.82 km in Southern direction and the nearest airport is Ranchi at a distance of 103.56 km. Total water requirement is about 15.0 KLPD (Dust

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suppression : 9.0 KLPD, Plantation : 5.0 KLPD & Drinking / Domestic : 1.0 KLPD). Water will be sourced from nearby wells.

The indicated project cost is Rs 19.00 Lakh and a provision of Rs2.79 Lakhs will be kept for Environment management.

The proposed estimated mineable reserve is 2,16,495 tonne and annual production capacity as per Form I has been indicated as 1,73,195 tonne per annum.

DFO, Saraikela vide letter no. 3388, dated - 08.12.16 certified that the distance of notified forest is above 250 m from project site and not within 10 km from National Park, Bio-Diversity & Sanctuary and project site is not under Dalma Wild Life Sanctuary (Eco Sensitive Zone). The CO, Gamharia vide letter no. 669, dated - 24.03.17 has mentioned the plot no. of the project site is River and not recorded as Jangal Jhari.

Due to unavailability of DSR for different districts of Jharkhand, the different projects are either withheld or return to SEIAA without appraisal specially in the light of Hon'ble NGT order dated 13.09.18 & 11.12.18 and MoEF&CC letter dated 12.12.18.

It is felt that a joint meeting of SEIAA & SEAC and State Mining Deptt. may be organized to settle the issue of DSR of minor minerals as it is mandatory for the mining projects.

Agenda no. 5

Hazam Stone Deposit of M/s Tangent Construction India Pvt. Ltd at Vill. : Hazam, Tipudana, Ranchi (15.37 Ha).

(Proposal No. SIA/JH/MIN/65871/2017)

This is a Stone Mining Project with an area of 15.37 Ha [Khata no. 85, Plot No.- 282 (P)]. The latitude and longitude of the project site is 23° 11' 16.51" N to 23° 11' 35.72" N and 85° 18' 29.30" E to 85° 19' 00.10" E. The nearest railway station is Balsiring at a distance of 9.30 km in NW direction and the nearest airport is Ranchi at a distance of 14 km in Northern direction. Total water requirement is about 27 KLD (Drilling & Dust suppression : 15.0 KLPD, Plantation : 10.5 KLPD & Drinking / Domestic : 1.5 KLPD). Water will be drawn from nearby villages (Dug Wells).

The indicated project cost is Rs 78.00 Lakh and a provision of Rs 8.17 Lakh has been indicated for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 69,28,628 t

Mineable Probable Reserve : 85,120 t

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

1 st Year	:	7,01,543 t
2 nd Year	:	7,01,369 t
3 rd Year	:	7,00,941 t
4 th Year	:	7,01,148 t
5 th Year	:	7,00,977 t

The daily production as per Form I is 2338 tonnes.

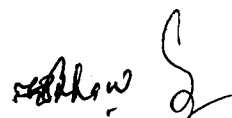
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DFO, Ranchi vide letter no. 598, dated - 01.03.16 certified that the distance of Nischitpur-Raidih PF is 1500 m in East direction, 600 m in West direction, Hazam PF is 800 m in North direction & Argori forest is 600 m in South direction from project site.

DFO, Ranchi vide letter no. 3972, dated - 05.09.17 certified that the distance of Kala Mati Mrig Bihar 03 km from project site, which is not under Wild Life Sanctuary & National Park. The CO, Namkum, Ranchi vide letter no. 1536 (ii), dated - 29.11.17 has mentioned the plot no. of the project site is not Jangal Jhari in R.S. Khatiyon.

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 25th and 26th February 2019, the Committee recommends in the light of Hon'ble NGT, Principal Bench, New Delhi order dated 13.09.18 and MoEF & CC O.M dated 12.12.18 for issuing of TOR for consideration of SEIAA for undertaking detailed EIA / EMP study as mentioned in **Annexure I**.

SEIAA is requested to take decision on the "recommendation" of SEAC, in the light of Hon'ble NGT, Principal Bench, New Delhi order dated 13.09.18 and MoEF&CC O.M dated 12.12.18.

Agenda no. 6

Manatu Stone Deposit of Sri Jai Ganesh at Vill. : Manatu, Thana : Kanke, Dist. : Ranchi (2.53 Ha).

(Proposal No. SIA/JH/MIN/67459/2017)

This is a Stone Mining Project with an area of 2.53 Ha [Khata no. 214, Plot No.- 1810 (P)]. The latitude and longitude of the project site is 23° 25' 27.15" N to 23° 25' 30.07" N and 85° 15' 27.60" E to 85° 15' 34.65" E. The nearest railway station is Ranchi at a distance of 11.39 km in SE direction and the nearest airport is Ranchi at a distance of 13.66 km in SE direction. Total water requirement is about 13 KLPD (Drilling & Dust suppression : 9.0 KLPD, Plantation : 3 KLPD & Drinking / Domestic : 1.0 KLPD). Water will be drawn from nearby villages.

The indicated project cost is Rs 48.00 Lakh and a provision of Rs 3.88 Lakh has been indicated for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 5,98,259 t



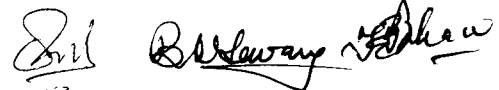
Mineable Probable Reserve : 1,03,029 t

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

1 st Year	:	70,216 t
2 nd Year	:	70,224 t
3 rd Year	:	70,000 t
4 th Year	:	70,045 t
5 th Year	:	70,028 t

The daily production as per Form I is 234 tonnes.

DFO, Ranchi vide letter no. 4082, dated - 29.12.15 certified that the distance of Manatu village is 600 m in East direction, Tangtang Toli village is 02 km in West direction, Central University Chedi

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is 600 m in North direction & Tender village is 800 m in South direction, between that no any forest land from project site.

PP was asked to submit CO certificate regarding class of land (recorded as Jangle Jhari or not).

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

Agenda no. 7

Bankuchia Stone Deposit of M/s K.K. Builders Pvt. Ltd. at Vill. : Bankuchia, Patamda, East Singhbhum (11.74 Ha).

(Proposal No. SIA/JH/MIN/63125/2017)

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting.

Agenda no. 8

Heben Sand Mine Project on Sanka River of Sri Binay Kumar Agarwal at Vill.- Heben, Simagunda, Saraikela-Kharsawan (6.24 Ha).

This is a Sand Mining Project for having an area of 6.24 Ha [Khata No.-368, Plot No.- 11]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.-3116, dated- 29.10.2015. The latitude and longitude of the project site is 23° 02' 24.73" N to 23° 02' 57.55" N and 86° 04' 54.50" E to 86° 05' 15.98" E. The nearest railway station is Jhimri at a distance of 7 km in Southern direction and the nearest airport is Ranchi at a distance of 83 km in NW direction. Total water requirement is about 15.029 KLD (Dust suppression : 0.263 KLD, Plantation : 5.609 KLD & Drinking / Domestic : 8.010 KLD). Water will be sourced from nearby wells.




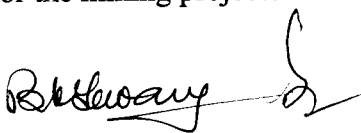

The indicated project cost is Rs 85.00 Lakh and a provision of Rs 2.49 Lakhs will be kept for Environment management.

The proposed estimated proved mineral reserve is 1,54,588 cum and annual production capacity as per Form I has been indicated as 61,090 cum per annum.

DFO, Saraikela vide letter no. 3439, dated - 17.12.16 certified that the distance of notified forest is 270 m from project site and not within 10 km from National Park, Bio-Diversity & Sanctuary and project site is not under Dalma Wild Life Sanctuary (Eco Sensitive Zone). The CO, Nimdih vide letter no. 1195, dated - 26.11.15 has mentioned the plot no. of the project site is River and not recorded as Jangal Jhari in Khatian.

Due to unavailability of DSR for different districts of Jharkhand, the different projects are either withheld or return to SEIAA without appraisal specially in the light of Hon'ble NGT order dated 13.09.18 & 11.12.18 and MoEF&CC letter dated 12.12.18.

It is felt that a joint meeting of SEIAA & SEAC and State Mining Deptt. may be organized to settle the issue of DSR of minor minerals as it is mandatory for the mining projects.

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Agenda no. 9

Nadbelwa Sand Mining Project on Sukri River of Sri Bali Yadav at Vill. – Nadbelwa, Manika, Latehar (13.05 Ha).

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting.

Agenda no. 10

Tepsa Stone Mine Project of Sri Raj Kishore Prasad at Vill. – Tepsa, Ichak, Hazaribagh (8.5 Ha).

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting.

Agenda no. 11

Nildaha Stone Mine Project of M/s Jamtara Traders at Vill. – Nildaha, Mihijam, Jamtara (5.87 Ha).

The committee noted that the project proponent did not attend the meeting. The committee recommends to defer this proposal to the next meeting.

Agenda no. 12

Madhopur & Parodih Stone Mines of M/s Mahesh Kumar Verma & Other at Vill. : Madhopur & Parodih, Dhanwar, Giridih (0.52 Ha).

SEAC discussed the said project in its 59th meeting (dated 23-24.07.18) and sought the requisite certificates like CO certificate regarding class of land (recorded as Jangle Jhari or not).

The PP submitted on 28.01.19, CO, Dhanwar letter no. 1145, dated 27.11.18 has mentioned the project site that this is not recorded as “Jangle Jhari”.

The EC for Madhopur & Parodih Stone Mines of M/s Mahesh Kumar Verma & Other at Khata No. 25, Plot no. 3/1119(P), Khata no. 14, Plot no. 284/1 Vill. : Madhopur & Parodih, Thana : Dhanwar, Dist. : Giridih (0.52 Ha) was recommended by previous SEAC in its 31st (Part - D) meeting held on 03-06.08.15 and finally awarded SEIAA vide letter no. EC/SEIAA/ 2015-16/861/2015/1555, dated 09.09.2015.

The project proponent has submitted a request letter that though the EC for Madhopur & Parodih Stone Mines of M/s Mahesh Kumar Verma & Other at Vill. : Madhopur & Parodih, Dhanwar, Giridih (0.52 Ha) has been granted but due to some typing error plot no. has been printed in 1119 (P) instead of 1129(P). As such PP requested for correction of EC.

Khata no. 25, Plot no. 3/1129 (P), Khata no. 14, Plot no. 284/1 to be mentioned as per the submission of PP in its Form-I, Pre-Feasibility Report & Approved Mine Plan.

SEAC discussed & recommends to issue the corrected EC specifying the Khata no. 25, Plot no. 3/1129 (P), Khata no. 14, Plot no. 284/1.

Agenda no. 13

Ulatu Stone Mine of Sri Niraj Kumar Singh at Vill.-Ulatu, Namkum, Ranchi (5.82 Ha).

This project was presented for issuance of TOR. Earlier a site inspection report based on the complaint of villagers to Chief Ministers Jan Adalat. Two members visited the site interacted with the dwellers and evaluated the site. The study reports recommended that the present form of the project cannot be considered for grant of EC. The revised mining plan of selected area and approved duly by competent authority can be submitted for consideration of grant of EC.

PP was asked to submit :

- i. Based on field study report to submit the revised Form-I, Pre-Feasibility Report & including revised Approved Mine Plan.
- ii. CO certificate regarding class of land (recorded as Jangle Jhari or not).

Once the PP provides these documents, SEAC will examine the case.

Agenda no. 14

Chainpur Panchayat Sand Mine in Bohta River of Sri Sitaram Prasad at Vill.- Semarbudhini, Ahirpurwa & Bahertatoli, P.S. - Mahuatand, Dist. – Latehar (7.36 Ha).

The committee noted that the project proponent has not attended the meeting. The committee recommends to defer this proposal to the next meeting as per request of the PP.

Agenda no. 15

Lohapatti River Bed Sand Mining Project in Damodar River of M/s JSMDC Ltd. at Vill.- Lohapatti, Tehsil - Baghmara, Dist. – Dhanbad (16.00 Ha).

(Proposal No.SIA/JH/MIN/ 75022/2018)

The committee observed a number of anomalies in documents and the documents sent to the members were illegible.

As such PP was asked to submit the revised Form-I & Pre-Feasibility Report.

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

Agenda no. 16







Bhowra River Bed Sand Mining Project in Damodar River of M/s JSMDC Ltd. at Vill.- Bhowra, Dist. – Dhanbad (12.00 Ha).

(Proposal No. SIA/JH/MIN/75021/ 2018)


The committee observed a number of anomalies in documents and the documents sent to the members were illegible.

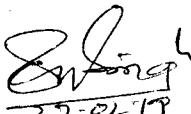
As such PP was asked to submit the revised Form-I & Pre-Feasibility Report.

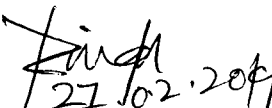
Once the PP provides the information, SEAC will examine the case.

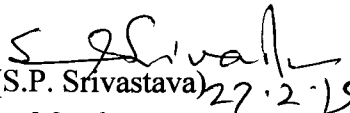
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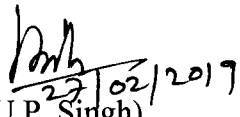
The meeting concluded with thanks to all present.

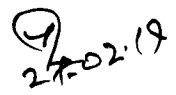

(Dr. B.K. Tewary)
Member

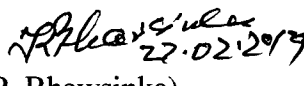

(R. N. Singh)
Member


(Y.K. Singh)
Member


(S.P. Srivastava)
Member


(U.P. Singh)
Member


(Om Prakash)
Member Secretary


(K.P. Bhawsinka)
Chairman

view points of chairman, SEAC, as sent to MS, SEAC
not mentioned in the report brought to needs to be
incorporated. Distance criteria needs to be deliberated
further considering the viewpoint of majority to arrive at
consensus



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

1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
3. 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, mining technology etc. and should be in the name of the lessee.
4. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
5. Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
6. Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
7. It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The 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, may also be detailed in the EIA Report.
8. Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
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, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be

prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

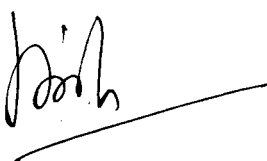
11. Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
12. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary 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.
13. Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
14. Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
15. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
16. A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. 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.
17. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site 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, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
18. A detailed biological study of 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, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions 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.
19. Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.

20. Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
21. R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
22. One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. 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.
23. 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.
24. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
26. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
27. 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.
28. 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. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. 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.

29. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
30. Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
31. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
32. Impact on local transport infrastructure due to the Project should be indicated. 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 incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
34. Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
36. Public health implications 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 allocations.
37. Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

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38. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
39. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
43. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
44. Besides the above, the below mentioned general points are also to be followed :-
- a) Executive Summary of the EIA/EMP Report
 - b) All documents to 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) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF & CC / NABL accredited laboratories. All the original analysis / testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF & CC 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 be followed.
 - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF & CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the

existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.

- j) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.
45. 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.
46. The prescribed TORs would be valid for a period of three years for submission of the EIA / EMP reports, as per the O.M. No. J-11015/109/2013-IA.II(M) , dated 12.01.2017.

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