

**PART E MINUTES OF THE 38<sup>th</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 18<sup>th</sup> to 24<sup>th</sup> DECEMBER, 2015**

**Date- 18<sup>th</sup> December, 2015**

The 38<sup>th</sup> meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 18<sup>th</sup> to 24<sup>th</sup> December, 2015 under the Chairmanship of Sh. S.B.S Chauhan in absence of Sh. A.K. Saxena in the Conference Room at 170 C, Ashok Nagar, Ranchi. The following members were present:

- |                               |                           |
|-------------------------------|---------------------------|
| 1. Sh. A.K. Saxena            | - Chairman (Not Present)  |
| 2. Sh. S.B.S Chauhan          | - Member                  |
| 3. Er. S.K. Singh             | - Member                  |
| 4. Dr. R.P. Singh Sangu       | - Member                  |
| 5. Prof. (Dr.) M.C. Mahata    | - Member                  |
| 6. Dr. Shatrunjay Kumar Singh | - Member                  |
| 7. Shri S.K. Suman            | - Secretary (Not Present) |

Various projects which were received by SEIAA after the previous SEAC meeting held from 01<sup>st</sup> to 05<sup>th</sup> 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.

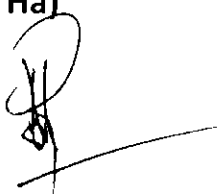
The following salient observations made during the Presentation (Project Wise) in brief deserve serious consideration.

1. Nagwa Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Nagwa, Anchal- Tonatand, Dist.- Chatra, Jharkhand (2.32 Ha).
2. Muhane Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Muhane, Anchal- Ikhori, Dist.- Chatra, Jharkhand (5.6 Ha).
3. Hathiya Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Tonatanr, Anchal- Tonatanr, Dist.- Chatra, Jharkhand (10.926 Ha).
4. Muhane Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Muhane, Anchal- Ikhori, Dist.- Chatra, Jharkhand (8.1 Ha).
5. Gaadilong Balu Ghat over Gerua River of Sri Premchand Singh at Village- Gaadilong, Anchal- Tandwa, Dist.- Chatra, Jharkhand (6.15 Ha).
6. Jorikhurd Balu Ghat over Lilajan River of Sri Munna Singh at Village- Jorikhurd, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (7.28 Ha).
7. Bhuiyadih Balu Ghat over Jam River of Sri Munna Singh at Village- Bhuiyadih, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (8.26 Ha).

8. Garhkedli Balu Ghat over Lilajan River of Sri Munna Singh at Village- Garhkedli, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (2.83 Ha).
9. Jorikala Balu Ghat over Lilajan River of Sri Munna Singh at Village- Jorikala, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (14.56 Ha).
10. Vansingh Balu Ghat over Kandar River of Sri Munna Singh at Village- Vansingh, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (3.56 Ha).
11. Dumrikala Balu Ghat over Lilajan River of Sri Munna Singh at Village- Dumrikala, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (8.50 Ha).
12. Sisai Balu Ghat over Khadaiya River of Sri Premchand Singh at Village- Sisai, Anchal- Tandwa, Dist.- Chatra, Jharkhand (1.42 Ha).
13. Badki Nadi Balu Ghat over Badki River of Sri Premchand Singh at Village- Tandwa, Anchal- Tandwa, Dist.- Chatra, Jharkhand (2.42 Ha).
14. Ghanghri Balu Ghat of Shri Shashikant Kumar Sahay at Village- Boda and Ghanghri, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (7.28 Ha).
15. Boda Balu Ghat over Lilajan River of M/s Sahay Construction of Shri Sashikant Kumar Sahay, at Village – Badki, Anchal - Hunterganj, Dist- Chatra, Jharkhand. (Area- 2.43 Ha).
16. Kichto Balu Ghat over Damodar River of Shri Shashikant Kumar Sahay at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand (2.024 Ha).
17. (Kichto Plto no. 534) Balu Ghat over Damodar River of M/s. Sahay Construction at Vill- Kichto, Anchal- Tandwa, Dist- Chatra, Jharkhand. (Area- 0.5 Ha).
18. Kichto (Plot No. 649) Balu Ghat over Damodar River of M/s. Sahay Construction at Vill- Kichto, Anchal- Tandwa, Dist- Chatra, Jharkhand. (Area- 0.5 Ha).
19. Kichto (Plot No. 663) Balu Ghat over Damodar River of M/s. Sahay Construction at Vill- Kichto, Anchal- Tandwa, Dist- Chatra, Jharkhand. (Area- 0.5 Ha)
20. Suraiya (Chora) Balu Ghat over Pasari / Garhi River of Shri Shashikant Kumar Sahay at Village- Suraiya (Chora), Anchal- Tandwa, Dist.- Chatra, Jharkhand (4.95 Ha).
21. Loharjori Stone Deposit of Sri Rahul Kumar M/s Agrima Infra Engineering Pvt. Ltd. At Vill- Loharjori, P.S.- Margomunda, Dist- Deoghar, Jharkhand. (Area- 7.24 Ha)
22. Gmeadih Sand Mining Project of Shri Shankar Ghosh at Vill- Gomeadih, Thana- Sonahatu, Dist- Ranchi, Jharkhand. (Area- 8.83 Ha)
23. Garadih Sand Mining Project of Sri Shankar Ghosh M/s Mihijam Wine Traders at Vill- Gomeadih, P.S.- Sonahatu, Dist- Ranchi, Jharkhand. (Area- 13.15 Ha)
24. Uparsila Stone Deposit of Shri Alok Kumar Katiyal at Vill- Uparsial. P.S.- Rajnagar, Dist- Saraikela-Kharsawan, Jharkhand. (Area- 9.71 Ha)



25. **Sonatar Stone Mines of Shri Prakash Kumar Ray at Vill- Sonatar. P.S.- Palajori, Dist- Deoghar, Jharkhand. (Area- 0.81 Ha)**
26. **Chandradipa Stone Deposit of Mr. Milian Dutta M/s Maa Chanchla Stone Works at Vill- Chandradipa, P.S.- Mihijam, Dist- Jamtara, Jharkhand. (Area- 4.047 Ha)**
27. **Dawarpahri Granite & Stone Mine of Shri Jugal Kishore Modi M/s Bharat Minerals Grinding Industries at Vill- Dwarpahari, P.S.- Karaon, Dist- Deoghar, Jharkhand. (Area- 1.618 Ha)**
28. **Bricks Clay Mining Project of M/s Kisan Bricks Jaglal Prasad at Vill- Dumardih, P.S.- Gumla, Dist- Gumla, Jharkhand. (Area- 0.91 Ha)**
29. **Khaprajola Stone Mine of Sri Satish Kumar Lakhmani at Village- Khaprajola, Thana- Pakur, Dist.- Pakur, Jharkhand (1.48 Ha).**
  
30. **Lal Mohan Mahto Stone Mine of Sri Lal Mohan Mahto at Vill- Bhulubasa, Anchal- Rajnagar, Dist- Sareailela-Khaireswan, Jharkhand. (Area- 6.29 Ha)**
31. **Jhimri & Muru Sand Deposit of Shri Lal Mohan Mahto at Vill- Jhimri & Muru, Panchayat- Nimdih, P.S.- Nimdih, Dist- Saraikela-Kharsawan, Jharkhand. (Area- 10.93 Ha).**
32. **Ramnagar Stone Deposit of Shri Jagdish Chandra Mahato at Vill- Ramnagar, P.O.- Simagunda, P.S.- Nimdih, District- Saraikela- Kharsawan, Jharkhand. (Area- 2.881 Ha)**
33. **M/s Murhi Stone Mine of M/s Agnesh Bhengra at Vill- Murhi, Pipartoli, P.S. & Dist- Khunti, Jharkhand. (Area- 0.69 Ha)**
34. **Ramnagar Stone Deposit of Shri Anand Jalan at Vill- Ramnagar, P.S. – Nimdih, Dist- Saraikela Kharsawan, Jharkhand. (Area- 2.885 Ha)**
35. **Kandadag Stone Mine of M/s Jai Mata Metals of Shri Sambhu Nath Singh at Vill- Kandadag, Dist- Hazaribagh, Jharkhand. (Area- 5.12 Acre)**
36. **Sponge Iron Plant of M/s Bihar Sponge Iron Limited at Vill- Umesh Nagar, Tehsil – Chandil, Dist- Saraikela Kharsawan, Jharkhand.**
37. **M/s Bihar Hard Coke Pvt Ltd**
38. **Barhe Stone Deposit of Shree Vinayak Mining & Construction at Vill- Barhe, Tehsil- Chanho, Dist- Ranchi, Jharkhand. (Area- 3.415 Ha)**
39. **Chotta Mirkhi Stone Mine of M/s Grands Mining at Vill- Chotta Mirkhi, Tehsil- Devipur, Dist- Deoghar, Jharkhand. (Area- 2.83 Ha)**
40. **Barhe Stone Deposit of Shree Vinayak Mining & Construction at Vill- Barhe, Tehsil- Chanho, Dist- Ranchi, Jharkhand. (Area- 3.488 Ha)**
41. **Matigoda, Swaspur Sand Deposit of M/s Triveni Engicons Pvt. Ltd. at Vill- Matigoda, Swaspur, Circle- Musabani, Dist- Singhbhum East, Jharkhand. (Area- 4.28 Ha)**



42. Kundpani Marble & Stone Mine of M/s Jai Mata Dee Minerals at Vill- Kundpani, Tehsil- Chainpur, Dist- Palamu, Jharkhand. (Area- 0.404 Ha)
43. Tirla and Undhan Sand Deposit of Sri Dilip Kumar Sharma at Vill- Tirla and Undhan, Circle- Manoharpur, Dist- West Singhbhum, Jharkhand. (Area- 10.52 Ha)
44. Uria Stone Deposit of Sri Dilip Kumar Singh at Vill- Uria, Thana- Patmda, Dist- East Singhbhum, Jharkhand. (Area- 4.04 Ha)
45. Jiling Gora Sand Deposit of Sri Ranjit Narayan Mishra M/s Shashank Nidhi Construction Pvt. Ltd. at Vill- JilingGora, Panchyat- Dundra, Dist- Saraikela Kharsawan Singhbhum, Jharkhand. (Area- 11.34 Ha)
46. Anandpur Sand Mining Deposit of Sri Dlip Kumar Sharma at Vill- Anandpur, Panchyat- Anandpur, Dist- West Singhbhum, Jharkhand. (Area- 8.42 Ha)
47. Chhota Bana Stone Deposit of Sri Gyan Murti Shah M/s Balaji Minerals at Vill- Chhata Bana, P.S. - Saraikela, Dist- Saraikela Kharsawan, Jharkhand. (Area- 4.92 Ha)
48. Koima Sand Deposit of Shri Kanhu Samant at Vill- Koima, Panchayat- Banmakadi, Dist- Singhbhum, Jharkhand. (Area- 1.21 Ha)
49. Ambdiha Stone Deposit M/s SGS Mines and Industries Pvt. Ltd. at Vill- Ambdiha, Circle- Hat Gamhariya, Dist- West Singhbhu,, Jharkhand. (Area- 4.08 Ha)
50. Katanga Stone Deposit of Sri Anand Dodrajka (Director) M/s Triveni Engicons Pvt. Ltd. at Vill- Katanga, P.S.- Rajnagar, Dist- Saraikela-Kharsawan, Jharkhand. (Area- 2.99 Ha)
51. Upersila Stone Deposit of Sri Anand Dodrajka M/s Triveni Engicons Pvt. Ltd. at Vill- Upersila, P.S.- Rajnagar, Dist- Saraikela- Kharsawan, Jharkhand. (Area- 5.66 Ha)
52. Murkum stone Deposit of Shri Anand Dodrajka (Director) M/s Triveni Engicons Pvt. Ltd. at Vill- Murkum, Circle- Saraikela, Dist- Saraikela- Kharsawan, Jharkhand. (Area- 3.24 Ha)
53. Lengdih Stone Mine of Shri Dharamveer Bhadoria at Village- Lengdih, Tehsil- Chandil, Dist.- Saraikela-Kharsawan, Jharkhand (3.54 Ha).
54. Lengdih Stone Mine of M/s Bhadoria Transport Co. (Shri Dharamveer Bhadoria) at Village- Lengdih, Tehsil- Chandil, Dist.- Saraikela-Kharsawan, Jharkhand (4.350 Ha).
55. Dholadih Stone Deposit of M/s Rajeshwari Minerals at Village- Dholadih, Tehsil- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (4.75 Ha).
56. Sand Deposit in the River Bed of Subarnrekah of Shri Sumit Kumar Bansal at Vill- Chakulia, Dist- East Singhbhum, Jharkhand. (Area- 0.910 Ha)



57. Barkundia-Turamdih Sand Deposit of Sri Aditya Vikram Tiriya at Village- Barkundia-Tuamdih, Panchayat- Barkundia, Dist.- Singhbhum West, Jharkhand (10.319 Ha).

58. Kandra Stone Mine Shri Sayed Shahid Akhtar at Village- Kandra, P.S.- Senha, Dist- Lohardaga, Jharkhand. (Area- 0.40 Ha)

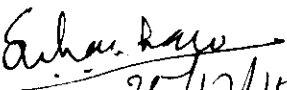
59. Sirka Stone Deposit Shri Rericharla Aganeyulu Raju at Village- Sirka, P.S.- Karra, Dist- Khunti, Jharkhand. (Area- 8.70 Ha)

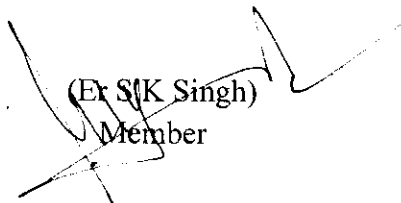
60. Jaltanda Stone Deposit M/s Narne Infrastructure Pvt. Ltd. at Village- Jaltanda, P.S.- Karra, Dist- Khunti, Jharkhand. (Area- 4.29 Ha)


61. Konsera Stone Mine of Smt. Ahilya Devi at Vill- Konsera, Thana- Simdega, Dist- Simdega, Jharkhand. (Area- 1.01 Ha).

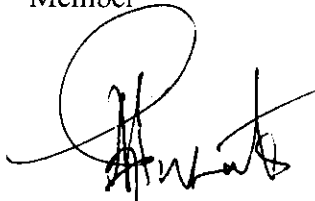
EC may be considered. Details of the project are attached in annexure-I and annexure II

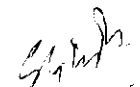
Based on the presentation made and information provided the Committee decided that the proposals for the above two projects be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

  
(S.B.S Chauhan)  
Member

  
(Ex S(K Singh))  
Member

  
(Dr. R.P. Singh Sangu)  
Member

  
(Prof. (Dr.) M.C. Mahata)  
Member

  
(Prof (Dr) Shatrunjay Kumar Singh)  
Member

**PART- E MINUTES OF THE 38<sup>th</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 18<sup>th</sup> to 24<sup>th</sup> DECEMBER, 2015**

**Date- 22<sup>nd</sup> December, 2015**

The 38<sup>th</sup> meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 18<sup>th</sup> to 24<sup>th</sup> December, 2015 under the Chairmanship of Sh. S.B.S Chauhan in absence of Sh. A.K. Saxena in the Conference Room at 170 C, Ashok Nagar, Ranchi. The following members were present:

- |                               |             |
|-------------------------------|-------------|
| 1. Sh. A.K. Saxena            | - Chairman  |
| 2. Sh. S.B.S Chauhan          | - Member    |
| 3. Er. S.K. Singh             | - Member    |
| 4. Dr. R.P. Singh Sangu       | - Member    |
| 5. Prof. (Dr.) M.C. Mahata    | - Member    |
| 6. Dr. Shatrunjay Kumar Singh | - Member    |
| 7. Shri S.K. Suman            | - Secretary |

Various projects which were received by SEIAA after the previous SEAC meeting held from 01<sup>st</sup> to 05<sup>th</sup> 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. Projects recommended to SEIAA for consideration of grant of EC.**

**1. Proposal related to Stone Mine (Renewal Projects)**

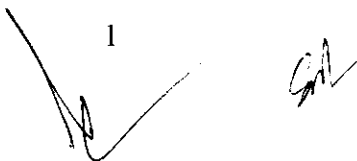
**I. Kandra Stone Mine of Shri Sayed Shahid Akhtar At Village – Kandra, Thana – Senha, Dist – Lohardaga, Jharkhand. (0.41 Ha)**

**Consultant - En-Vision Environmental Services RQP- Joydeep Benerjee.**

This is a Stone Mining Project for having an area of 0.41 Ha [Khata No.- 86, Plot No.- 228(P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 13.03.2006 for a period of 10 years.. 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 31<sup>st</sup> 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

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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 will have not have any major impact on the surroundings. The indicated project cost is Rs 10.00 Lakhs and a provision of Rs 2.40 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	45,279 t
Mineable Probable Reserve	:	3,848 t

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

1 <sup>st</sup> Year	:	4,995 t
2 <sup>nd</sup> Year	:	4,925 t
3 <sup>rd</sup> Year	:	4,990 t
4 <sup>th</sup> Year	:	4,933 t
5 <sup>th</sup> Year	:	4,987 t

The daily production as per Form I is 17 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP had also submitted CTO from JSPCB. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Kandra Stone Mine of Shri Sayed Shahid Akhtar At Village – Kandra, Thana – Senha, Dist – Lohardaga, Jharkhand. (0.41 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

## **II. Uria Stone Mine of Shri Dilip Kumar Singh at Mouza- Uria, Thana & Block- Patamda, Dist.- East Singhbhum, Jharkhand (4.04 Ha).**

### **Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 4.04Ha [Khata No. - 624, Plot No.- 4546 (P)]. The committee noted that as per Form I it is a proposal for Renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 01.02.2011 for a period of 05 years. 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 31<sup>st</sup> 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



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will have not have any major impact on the surroundings. The indicated project cost is Rs 51.59 Lakhs and a provision of Rs 18.24 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	6, 08,950 t
Mineable Probable Reserve	:	3, 03,614 t

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

1 <sup>st</sup> Year	:	1, 13,985 t
2 <sup>nd</sup> Year	:	1, 95,000 t
3 <sup>rd</sup> Year	:	1, 95,000 t
4 <sup>th</sup> Year	:	1, 95,000 t
5 <sup>th</sup> Year	:	1, 95,000 t

The daily production as per Form I is 650 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Uria Stone Mine of Shri Dilip Kumar Singh at Mouza- Uria, Thana & Block- Patamda, Dist.- East Singhbhum, Jharkhand (4.04 Ha).be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

### **III. Telo Stone Deposit of M/s G.D. Stone Company at Village- Telo, P.O.- Pathna, P.S.- Ranga, Dist.- Sahibganj, Jharkhand (3.49 Ha).**

**Consultant- M/S Crystal Consultants, Ranchi, RQP- Sri J.P.Bhattacharya**

This is a Stone Mining Project for having an area of 3.49 Ha [Khata No.- 10, Plot No.- 24 & 36 (P), Khata No.- 09, Plot No.- 27 (P), Khata No.- 04, Plot No.- 28 (P) & 29 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 08.11.2010 for a period of 05 years.. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 19.25 Lakh and a provision of Rs 7.25 Lakhs will be kept for Environment management.



The details of mine capacity as per Approved Mining Plan are

Mineable Proved Resources : 11,79,563 t

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

1 <sup>st</sup> Year	:	2,40,033 t
2 <sup>nd</sup> Year	:	2,40,079 t
3 <sup>rd</sup> Year	:	2,40,030 t
4 <sup>th</sup> Year	:	2,40,116 t
5 <sup>th</sup> Year	:	2,40,111 t

The daily production as per Form I is 800 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Telo Stone Deposit of M/s G.D. Stone Company at Village- Telo, P.O.- Pathna, P.S.- Ranga, Dist.- Sahibganj, Jharkhand (3.49 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

#### **IV. Lengdih Stone Mine of M/S Nav Nirman Builders at Mouza- Lengdih, Thana & Block- Chandil, Dist.- Saraikela-Kharsawan, Jharkhand (3.54 Ha).**

##### **Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 3.54Ha [Khata No. - 184, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for Existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 27.12.2010 for a period of 10 years. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 57.78 Lakhs and a provision of Rs 21.80 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	2, 21,115 t
Mineable Probable Reserve	:	3, 37,744 t



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

1 <sup>st</sup> Year	:	59,999 t
2 <sup>nd</sup> Year	:	1, 09,994 t
3 <sup>rd</sup> Year	:	1, 09,996 t
4 <sup>th</sup> Year	:	1, 09,991 t
5 <sup>th</sup> Year	:	1, 09,997 t

The daily production as per Form I is 367 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Lengdih Stone Mine of M/S Nav Nirman Builders at Mouza- Lengdih, Thana & Block- Chandil, Dist.- Saraikela-Kharsawan, Jharkhand (3.54 Ha).be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**V. Lengdih Stone Mine of M/S Bhadoria Transport Company at Mouza- Lengdih, Thana & Block- Chandil, Dist.- Saraikela-Kharsawan, Jharkhand (4.350 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 4.350 Ha [Khata No. - 184, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for Renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 21.06.2011 to 28.08.2015. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 54.00 Lakhs and a provision of Rs 18.01 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve :	5, 83,120 t
Mineable Probable Reserve :	4, 63,028 t

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

1 <sup>st</sup> Year	:	1, 99,996 t
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2 <sup>nd</sup> Year	:	1, 99,989 t
3 <sup>rd</sup> Year	:	2, 00,000 t
4 <sup>th</sup> Year	:	1, 99,998 t
5 <sup>th</sup> Year	:	1, 99,993 t

The daily production as per Form I is 667 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Lengdih Stone Mine of M/S Bhadoria Transport Company at Mouza- Lengdih, Thana & Block- Chandil, Dist.- Saraikela-Kharsawan, Jharkhand (4.350 Ha).be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**VI. Kundpani Marble & Stone Mine of M/S Jay Mata Dee Minerals at Mouza- Kundpani, Thana & Block- Chainpur, Dist.- Palamu, Jharkhand (0.404 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 0.404 Ha [Khata No. - 04, Plot No.- 250 (P), 265 (P) & Khata No.-23, Plot No.- 272 (P)]. The committee noted that as per Form I it is a proposal for Existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 18.06.2008 for a period of 10 years. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 21.58Lakhs and a provision of Rs 6.28 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve :	20,362 t
Mineable Probable Reserve :	17,775t

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

1 <sup>st</sup> Year	:	16,781t
2 <sup>nd</sup> Year	:	16,781t




3<sup>rd</sup> Year : 4,575t

The daily production as per Form I is 56 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Kundpani Marble & Stone Mine of M/S Jay Mata Dee Minerals at Mouza- Kundpani, Thana & Block- Chainpur, Dist.- Palamu, Jharkhand (0.404 Ha).be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC.The various conditions for grant of EC are given at Annexure I.**

**VII. Sonatar Stone Mine of Shri Prakash Kumar Ray At Village – Sirsiya, P.O – Kankiparsani, Thana – Palajori, Dist – Deoghar, Jharkhand. Area – 0.81 Ha**

**Consultant- Cognizance Research India Pvt. Ltd RQP- Tapan Kumar Chakravarty**

This is a Stone Mining Project for having an area of 0.81 Ha [Khata No.- 44, Plot No.- 01. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 25.01.2010 for a period of 10 years..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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 20.00 Lakhs and a provision of Rs 2.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 2,18,584 t  
Mineable Probable Reserve : 15217 t

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

1<sup>st</sup> Year : 23377 t  
2<sup>nd</sup> Year : 23401 t  
3<sup>rd</sup> Year : 23401 t  
4<sup>th</sup> Year : 23296 t  
5<sup>th</sup> Year : 24832 t

The daily production as per Form I is 82.77 tonnes.



PP has submitted certificates from Circle Officer, DFO & DMO. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Sonatar Stone Mine of Shri Prakash Kumar Ray at Village – Sirsiya, P.O – Kankiparsani, Thana – Palajori, Dist – Deoghar, be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**VIII. Khaprajola Stone Mine of Shri Satish Kumar Lakhmani At Village – Khaprajola, Thana – Pakur, Dist – Pakur, Jharkhand. Area – 1.48 Ha**

**Consultant - Cognizance Research India Pvt. Ltd RQP- R.N.Singh**

This is a Stone Mining Project for having an area of 1.48 Ha Plot No. – 285, 286, 287, 290, 291, 292, 293, 294, 295 The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 13.10.2005 for a period of 10 years..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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 30.00 Lakhs and a provision of Rs 4.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	3,83,516 t
Mineable Probable Reserve	:	67,805 t

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

1 <sup>st</sup> Year	:	46,950 t
2 <sup>nd</sup> Year	:	47,219 t
3 <sup>rd</sup> Year	:	47,377 t
4 <sup>th</sup> Year	:	47,599 t
5 <sup>th</sup> Year	:	50,173 t

The daily production as per Form I is 162 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The information's were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Khaprajola Stone Mine of Shri Satish Kumar Lakhmani At Village – Khaprajola, Thana – Pakur, Dist – Pakur, Jharkhand. Area – 1.48 Ha be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

**IX. M/s Murhi Stone Mine of Sri Agnesh Bhengra at Mouza- Murhi, Thana & Block-Khunti, Dist.- Khunti, Jharkhand (0.69 Ha).**

**Consultant- M/s Visiontek Consultancy Services Pvt Ltd, RQP- A. K. Sinha**

This is a Stone Mining Project for having an area of 0.69 Ha [Khata No. - 78, Plot No.- 225 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease is valid w.e.f. 12.11.2009 for a period of 10 years. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs. 37.65 Lakh and a provision of Rs 3.25 Lakh as capital cost and Rs. 1.60 Lakhs as recurring cost has been indicated for Environment management. Rs. 3.50 Lakhs has been earmarked for CSR activities.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 3,72,600 t

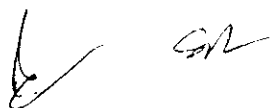
Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	40629.6 t
2 <sup>nd</sup> Year	:	27702.0 t
3 <sup>rd</sup> Year	:	22113.0 t
4 <sup>th</sup> Year	:	20217.6 t
5 <sup>th</sup> Year	:	18322.2 t

The daily production as per Form I is 135.43 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP has valid CTO up to 30.06.2016. The information were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for M/s Murhi Stone Mine of Sri Agnesh Bhengra at Mouza- Murhi, Thana & Block-Khunti, Dist.- Khunti, Jharkhand (0.69 Ha) be recommended for consideration of SEIAA**



subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

**X. M/s Ramnagar Stone Mine of Sri Jagdish Chandra Mahto at Mouza- Ramnagar, Thana- Nimdih, Dist.- Saraikela-Kharsawan, Jharkhand (2.881 Ha).**

**Consultant- M/s Visiontek Consultancy Services Pvt. Ltd, RQP- Anal Kumar Sinha**

This is a Stone Mining Project for having an area of 2.881 Ha [Khata No.- 214, Plot No.- 1890 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease is valid w.e.f. 01.01.2010 for a period of 10 years. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs. 69.30 Lakh and a provision of Rs 4.40 Lakh as capital cost and Rs. 1.90 Lakhs as recurring cost has been indicated for Environment management. Rs. 4.50 Lakhs has been earmarked for CSR activities.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 9,96,476.02 t


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

1 <sup>st</sup> Year	:	60226.88 t
2 <sup>nd</sup> Year	:	60170.85 t
3 <sup>rd</sup> Year	:	60663.60 t
4 <sup>th</sup> Year	:	60374.76 t
5 <sup>th</sup> Year	:	60142.50 t

The daily production as per Form I is 202.21 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP had applied for CTE which is pending for want of environment clearance. The information were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for M/s Ramnagar Stone Mine of Sri Jagdish Chandra Mahto at Mouza- Ramnagar, Thana- Nimdih, Dist.- Saraikela-Kharsawan, Jharkhand (2.881 Ha) be recommended**



for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XI. M/s Ramnagar Stone Mine of Sri Anand Jalan at Mouza- Ramnagar, Thana- Nimdih, Dist.- Saraikela-Kharsawan, Jharkhand (2.885 Ha).**

**Consultant- M/s Visiontek Consultancy Services Pvt. Ltd, RQP- Anal Kumar Sinha**

This is a Stone Mining Project for having an area of 2.885 Ha [Khata No.- 214, Plot No.- 1890 (P)]. The committee noted that as per Form I it is a proposal for transfer of existing mine lease for which PP is seeking EC. The lease is valid w.e.f. 01.01.2010 for a period of 10 years. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs. 67.10 Lakh and a provision of Rs 4.50 Lakh as capital cost and Rs. 1.90 Lakhs as recurring cost has been indicated for Environment management. Rs. 4.50 Lakhs has been earmarked for CSR activities.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 4,36,388.09 t

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

1 <sup>st</sup> Year	:	59971.86 t
2 <sup>nd</sup> Year	:	60067.80 t
3 <sup>rd</sup> Year	:	60134.40 t
4 <sup>th</sup> Year	:	60111.99 t
5 <sup>th</sup> Year	:	60069.38 t

The daily production as per Form I is 200.45 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP had applied for CTE which is pending for want of environment clearance. The information were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for M/s Ramnagar Stone Mine of Sri Anand Jalan at Mouza- Ramnagar, Thana- Nimdih, Dist.- Saraikela-Kharsawan, Jharkhand (2.885 Ha) be recommended for consideration**





of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XII. Nichitpur-Raidih Stone Mine of Smt. Sheela Singh at Village- Nichitpur-Raidih, Thana- Dhurwa (Tupudana OP), Dist.- Ranchi, Jharkhand (0.809 Ha).**

**Consultant- M/S Visiontek Consultancy Services Pvt Ltd, Bhubaneswar, RQP- Sri P.K. Sen**

This is a Stone Mining Project for having an area of 0.809 Ha [Khata No.- 51, Plot No.- 825 (P)] The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The stone mining lease over an area of 0.809 Ha was granted to Smt. Madhu Kumari Sinha, which at later stage transferred to Smt. Sheela Singh for a period of 10 years from 07.11.2007 to 17.06.2016.. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 38.94 Lakh and a provision of Rs 4.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve :	1,33,734 t
Mineable Probable Reserve :	16,800 t

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

1 <sup>st</sup> Year	:	15,054 t
2 <sup>nd</sup> Year	:	15,039 t
3 <sup>rd</sup> Year	:	15,060 t
4 <sup>th</sup> Year	:	15,456 t
5 <sup>th</sup> Year	:	15,093 t

The daily production as per Form I is 52 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. PP had applied for CTE which is pending for want of environment clearance. The information were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Nichitpur-Raidih Stone Mine of Smt. Sheela Singh at Village- Nichitpur-Raidih, Thana- Dhurwa (Tupudana OP), Dist.- Ranchi, Jharkhand (0.809 Ha) be recommended for**

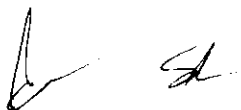


**consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

## **Annexure –I**

### **A. Specific Conditions**

1. The environmental clearance is subject to renewal of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. EC is subject to the grant of mining lease to the rightful owner.
4. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
5. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
6. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
7. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
8. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
9. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
10. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
11. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
12. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.



13. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
14. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
15. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
16. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
17. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
18. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
19. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
20. Drills shall either be operated with the dust extractors or equipped with water injection system.
21. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
22. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
23. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
24. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
26. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.



27. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

**B. General conditions**

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a

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convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.

15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

**C. Other points**

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of renewal of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**Proposal related to Stone Mine (New Projects)**

**I. Sirka Stone Deposit of Shri Pericharla Anjaneyulu Raju at Village – Sirka, P.S – Karra, District – Khunti, Jharkhand. Area – 8.70 Ha**

**Consultant- En-Vision Environmental Services RQP- Dr. G. S. Jaiswal**

This is a Stone Mining Project for having an area of 8.70 Ha [Khata No. – 103 Plot No.- 1572(P)] The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 85 Lakh and a provision of Rs 6.50 Lakh will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	25,52,294 t
Mineable Probable Reserve	:	8,33,269 t

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

1 <sup>st</sup> Year	:	3,38,556 t
2 <sup>nd</sup> Year	:	3,38,556 t
3 <sup>rd</sup> Year	:	3,38,556 t
4 <sup>th</sup> Year	:	3,38,556 t
5 <sup>th</sup> Year	:	3,38,556 t

The daily production as per Form-I is 1128.52 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal Sirka Stone Deposit of Shri Pericharla Anjaneyulu Raju at Village – Sirka, P.S – Karra, District – Khunti, Jharkhand. Area – 8.70 Ha be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

## **II. Jaltanda Stone Deposit of Shri M/S Narne Infrastructure Pvt. Ltd. at Village – Jaltanda, P.S – Karra, District – Khunti, Jharkhand. ( 4.29 Ha)**

### **Consultant- En-Vision Environmental Services RQP- Dr. G. S. Jaiswal**

This is a Stone Mining Project for having an area of 4.29 Ha (Khata No. – 57 Plot No.- 845 & 810 ) The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 50 Lakh and a provision of Rs 6 Lakh will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	7,12,337 t
Mineable Probable Reserve	:	3,42,645 t

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

1 <sup>st</sup> Year	:	2,10,996 t
2 <sup>nd</sup> Year	:	2,10,996 t
3 <sup>rd</sup> Year	:	2,10,996 t
4 <sup>th</sup> Year	:	2,10,996 t
5 <sup>th</sup> Year	:	2,10,996 t

The daily production as per Form-I is 703 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal Jaltanda Stone Deposit of Shri M/S Narne Infrastructure Pvt. Ltd. at Village – Jaltanda, P.S – Karra, District – Khunti, Jharkhand. Area – 4.29 Ha be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

### **III. Katanga Stone Deposit of M/S TRIVENI ENGICONS PVT.LTD at Village- Katanga, P.S.- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (2.99 Ha).**

#### **Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 2.99 Ha [Khata No.- 145, Plot No.- 829. The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 35.93 Lakh and a provision of Rs 15.08 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are



Mineable Proved Reserve	:	1, 66,431t
Mineable Probable Reserve	:	1, 98,304t

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

1 <sup>st</sup> Year	:	72,946 t
2 <sup>nd</sup> Year	:	72,945 t
3 <sup>rd</sup> Year	:	72,935 t
4 <sup>th</sup> Year	:	72,940 t
5 <sup>th</sup> Year	:	72,968 t

The daily production as per Form-I is 243 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Katanga Stone Deposit of M/S Triveni Engicons Pvt.Ltd at Village- Katanga, P.S.- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (2.99 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**IV. Upersila Stone Deposit of M/S Triveni Engicons Pvt. Ltd. at Village- Upersila, P.S.- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (5.66 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 5.66 Ha [Khata No.- 120, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 39.68 Lakh and a provision of Rs 18.33 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	15, 20,036t
Mineable Probable Reserve	:	3, 15,851t

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

1 <sup>st</sup> Year	:	2, 49,999 t
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2 <sup>nd</sup> Year	:	2, 49,993t
3 <sup>rd</sup> Year	:	2, 50,001t
4 <sup>th</sup> Year	:	2, 50,000t
5 <sup>th</sup> Year	:	2, 49,997 t

The daily production as per Form-I is 833 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Upersila Stone Deposit of M/S Triveni Engicons Pvt. Ltd. at Village- Upersila, P.S. - Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (5.66 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**V. Murkum Stone Deposit of M/S Triveni Engicons Pvt. Ltd at Village- Murkum, P.S.- Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand (3.24 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 3.24 Ha [Khata No.- 178, Plot No.- 1588 & 630. The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 36.66 Lakh and a provision of Rs 16.41 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve :	6, 04,430t
Mineable Probable Reserve :	28,641t

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

1 <sup>st</sup> Year	:	1, 50,000 t
2 <sup>nd</sup> Year	:	1, 50,000 t
3 <sup>rd</sup> Year	:	1, 50,000 t
4 <sup>th</sup> Year	:	1, 50,000 t
5 <sup>th</sup> Year	:	33,071t

The daily production as per Form-I is 500 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Murkum Stone Deposit of M/S Triveni Engicons Pvt. Ltd at Village- Murkum, P.S. - Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand (3.24 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**VI. Dholadih Stone Deposit of M/S Rajeswari Minerals at Village- Dholadih, P.S.- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (4.75 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 4.75 Ha [Khata No.- 69, Plot No.- 280 (P). The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 37.81 Lakh and a provision of Rs 16.96 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve :	32, 08,629t
Mineable Probable Reserve :	2, 49,161t

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

1 <sup>st</sup> Year	:	2, 50,000 t
2 <sup>nd</sup> Year	:	2, 49,993t
3 <sup>rd</sup> Year	:	2, 49,991t
4 <sup>th</sup> Year	:	2, 49,991t
5 <sup>th</sup> Year	:	2, 49,997 t

The daily production as per Form-I is 833 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Dholadih Stone Deposit of M/S Rajeswari Minerals at Village- Dholadih, P.S. - Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (4.75 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

**VII. Barhe Stone Deposit of Shree Vinayak Mining & Construction at Village- Barhe, P.S.- Mandar, Dist.- Ranchi, Jharkhand (3.488 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 3.488 Ha [Khata No.- 191, Plot No.- 735. The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 51.44 Lakh and a provision of Rs 18.12 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve :	3, 13,690t
Mineable Probable Reserve :	2, 47,143t

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

1 <sup>st</sup> Year	:	1, 12,499 t
2 <sup>nd</sup> Year	:	1, 12,499 t
3 <sup>rd</sup> Year	:	1, 12,499 t
4 <sup>th</sup> Year	:	1, 12,499t
5 <sup>th</sup> Year	:	1, 10,837 t

The daily production as per Form-I is 375 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Barhe Stone Deposit of Shree Vinayak Mining & Construction at Village- Barhe, P.S. - Mandar, Dist.- Ranchi, Jharkhand (3.488 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**VIII. M/s Sidhivinayak Enterprises Stone Mine of M/s Sidhivinayak Enterprises at Mouza- Chandradipa, Jamtara, Dist.- Jamtara, Jharkhand (4.04 Ha).**

**Consultant- M/s True Support Services Pvt Ltd, RQP- Dr. Amarjeet Kumar Singh**

This is a Stone Mining Project for having an area of 4.04 Ha [Khata No.- 102, Plot No.- 624(P) & 569(P)]. The committee noted that as per Form I it is a proposal for **new** mine 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs. 79.30 Lakh and a provision of Rs 5.10 Lakh as capital cost and Rs. 2.20 Lakhs as recurring cost has been indicated for Environment management. Rs. 4.00 Lakhs has been earmarked for CSR activities.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 6783114.00 t

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

1 <sup>st</sup> Year	:	120006.00 t
2 <sup>nd</sup> Year	:	120006.00 t
3 <sup>rd</sup> Year	:	120006.00 t
4 <sup>th</sup> Year	:	120006.00 t
5 <sup>th</sup> Year	:	120006.00 t

The daily production as per Form I is 400.02 tonnes.

PP has submitted certificates from Gram Sabha, Circle Officer, DFO & DMO. The information were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for M/s Sidhivinayak Enterprises Stone Mine of M/s Sidhivinayak Enterprises at Mouza- Chandradipa, Jamtara, Dist.- Jamtara, Jharkhand (4.04 Ha). be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**IX. Chhota Bana Stone Deposit of M/S Balaji Minerals at Village- Chhota Bana, P.S.- Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand (4.92 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 4.92 Ha [Khata No.- 99, Plot No.- 587. The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 33.60 Lakh and a provision of Rs 15.25 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve :	26, 28,004t
Mineable Probable Reserve :	2, 56,073t

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

1 <sup>st</sup> Year	:	2, 49,998 t
2 <sup>nd</sup> Year	:	2, 49,999 t
3 <sup>rd</sup> Year	:	2, 49,997 t
4 <sup>th</sup> Year	:	2, 49,996t
5 <sup>th</sup> Year	:	2, 49,997 t

The daily production as per Form-I is 833 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Chhota Bana Stone Deposit of M/S Balaji Minerals at Village- Chhota Bana, P.S. - Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand (4.92 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**X. Chandradipa Stone Deposit of M/s Maa Chanchala Stone Works at Village- Chandradipa, P.S.- Mihijam, Dist.- Jamtara, Jharkhand (4.047 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 4.047 Ha [Khata No.- 102, Plot No.- 569 (P), 624 (P). The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakh and a provision of Rs 6.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	35,08,502 t
Mineable Probable Reserve	:	15,255 t

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

1 <sup>st</sup> Year	:	3,52,536 t
2 <sup>nd</sup> Year	:	3,52,328 t
3 <sup>rd</sup> Year	:	3,54,704 t
4 <sup>th</sup> Year	:	3,53,743t
5 <sup>th</sup> Year	:	3,46,599 t

The daily production as per Form-I is 1182 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Chandradipa Stone Deposit of M/s Maa Chanchala Stone Works at Village-Chandradipa, P.S.- Mihijam, Dist.- Jamtara, Jharkhand (4.047 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**XI. Laharjori Stone Deposit of M/S Agrima Infra engineering Pvt. Ltd at Village – Laharjori, P.S – Maragomunda, District – Deoghar, Jharkhand. Area – 7.24 Ha  
Consultant- Cognizance Research India Pvt. Ltd RQP- Tapan Kumar Chakravarty**

This is a Stone Mining Project for having an area of 7.24 Ha [Plot No.- 1687 The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 80 Lakh and a provision of Rs 3,50,000/- will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	84,87,747
Mineable Probable Reserve	:	71955 t

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

1 <sup>st</sup> Year	:	853462 t
2 <sup>nd</sup> Year	:	853643 t
3 <sup>rd</sup> Year	:	854042 t
4 <sup>th</sup> Year	:	855484 t
5 <sup>th</sup> Year	:	855911 t

The daily production as per Form-I is 2853 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal Laharjori Stone Deposit of M/S Agrima Infra engineering Pvt. Ltd at Village – Laharjori, P.S – Maragomunda, District – Deoghar, Jharkhand. Area – 7.24 Ha be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

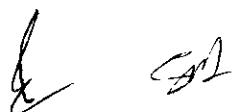
## **Annexure -II**

### **A. Specific Conditions**

1. The environmental clearance is subject to grant of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. EC is subject to the grant of mining lease to the rightful owner.
4. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
5. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive

with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.

6. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
7. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
8. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
9. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
10. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
11. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
12. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
13. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
14. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
15. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
16. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
17. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.

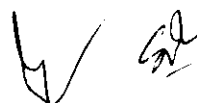




18. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
19. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
20. Drills shall either be operated with the dust extractors or equipped with water injection system.
21. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
22. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
23. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
24. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
26. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
27. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

#### **B. General conditions**

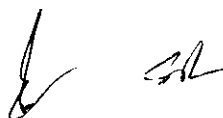
1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.



7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

**C. Other points**

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of grant of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.



3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

### **Proposal related to Sand Mine**

#### **I. Anandpur Sand Deposit on Koel River of Sri Dilip Kumar Sharma at Village- Anandpur, Thana- Anandpur, Dist.- West Singhbhum, Jharkhand (8.42 Ha).**

##### **Consultant- Safe Environment, Jamshedpur, RQP- Shri DR. G.S. Jaiswal**

This is a Sand Mining Project for having an area of 8.42 Ha [Plot No- 2909(P) & 2910(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.- 1331/M, dated- 07.11.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office orders 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guide lines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs12.071 Lakh and a provision of Rs 3.15 Lakh has been indicated for Environment management.

The proposed estimated reserve is 121349.93cum and annual production capacity as per Form I has been indicated as 121349.93cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.



Based on the presentation made and information provided the Committee decided that the proposal for Anandpur Sand Deposit on Koel River of Sri Dilip Kumar Sharma at Village – Anandpur, Thana – Anandpur, Dist.- West Singhbhum, Jharkhand (8.42 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

**II. Koima Sand Deposit on Subarnrekha River of Sri Kanhu Samant at Village- Koima, Thana- Bahragora, Dist.- East Singhbhum, Jharkhand (1.21 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Shri DR. G.S. Jaiswal**

This is a Sand Mining Project for having an area of 1.21 Ha [Khata No.- 133, Plot No- 245(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.- 1809/M, dated- 06.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guide lines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs15.45 Lakh and a provision of Rs 5.33 Lakh has been indicated for Environment management.

The proposed estimated reserve is 12771.87cum and annual production capacity as per Form I has been indicated as 12771.87cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Koima Sand Deposit on Subarnarekha River of Sri Kanhu Samant at Village – Koima, Thana – Bahragora, Dist.- East Singhbhum, Jharkhand (1.21 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

**III. Tirla and Undhan Sand Deposit on Koel River of Sri Dilip Kumar Sharma at Village- Tirla and Undhan, Thana- Manoharpur, Dist.- West Singhbhum, Jharkhand (10.52 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Shri DR. G.S. Jaiswal**



This is a Sand Mining Project for having an area of 10.52 Ha [Plot No- 1339(P), 1340(P) & 681(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.- 1332/M, dated- 07.11.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guide lines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs33.25Lakh and a provision of Rs 4.65 Lakh has been indicated for Environment management.

The proposed estimated reserve is 86937.50cum and annual production capacity as per Form I has been indicated as 86937.50cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Tirla and Undhan Sand Deposit on Koel River of Sri Dilip Kumar Sharma at Village – Tirla and Undhan, Thana – Manoharpur, Dist.- West Singhbhum, Jharkhand (10.52 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.**

#### **IV. Matigora, Swaspur Sand Deposit on Gudra River of M/S Triveni Engicons Pvt. Ltd. at Village- Swaspur, Thana- Musabani, Dist.- East Singhbhum, Jharkhand (4.29 Ha).**

##### **Consultant- Safe Environment, Jamshedpur, RQP- Shri DR. G.S. Jaiswal**

This is a Sand Mining Project for having an area of 4.29 Ha [Khata No.- 181, Plot No- 391(P), 799(P) & 1(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.- 2178/M, dated- 01.10.2013 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guide lines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs21.61Lakh and a provision of Rs 10.17 Lakh has been indicated for Environment management.

The proposed estimated reserve is 23535.00 cum and annual production capacity as per Form I has been indicated as 23535.00 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

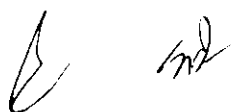
**Based on the presentation made and information provided the Committee decided that the proposal for Matigora, Swaspur Sand Deposit on Gudra River of M/S Triveni Engicons Pvt. Ltd. at Village- Swaspur, Thana- Musabani, Dist.- East Singhbhum, Jharkhand (4.29 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**V. Jilinggora Sand Deposit on Kharkai River of M/S Shashank Nidhi Construction Pvt. Ltd. at Village- Jilinggora, Thana- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (11.34 Ha).**

**Consultant- M/S Safe Environment, Jamshedpur, RQP- Shri DR. G.S. Jaiswal**

This is a Sand Mining Project for having an area of 11.34 Ha [Khata No.- 108, Plot No- 898(P) & 307/891(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.- 3354/M, dated- 09.12.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office orders 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guide lines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major



impact on the surroundings. The indicated project cost is Rs68.28Lakh and a provision of Rs 5.58 Lakh has been indicated for Environment management.

The proposed estimated reserve is 134235.90 cum and annual production capacity as per Form I has been indicated as 134235.90 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Jilinggora Sand Deposit on Kharkai River of M/S Shashank Nidhi Construction Pvt. Ltd. at Village- Jilinggora, Thana- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (11.34 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**VI. Barkundia- Turamdih Sand Deposit on Iligara River of Sri Aditya Vikram Tiriya at Village- Barkundia & Turamdih, Thana- Kolhan, Dist.- West Singhbhum, Jharkhand (10.319 Ha).**

**Consultant- Safe Environment, Jamshedpur, RQP- Shri DR. G.S. Jaiswal**

This is a Sand Mining Project for having an area of 10.319 Ha [Plot No- 3030(P), 2905(P) & 3392 (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.- 459/M, dated- 05.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification offices order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guide lines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 14.68Lakh and a provision of Rs 5.33 Lakh has been indicated for Environment management.

The proposed estimated reserve is 39151 cum and annual production capacity as per Form I has been indicated as 39151 cum per annum.

PP has submitted certificates from DMO & DFO. PP has submitted Affidavit that there is no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Barkundia- Turamdih Sand Deposit on Iligara River of Sri Aditya Vikram Tiriya at Village- Barkundia & Turamdih, Thana- Kolhan, Dist.- West Singhbhum, Jharkhand (10.319 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**VII. Jhimri and Muru Sand Mining Project on Sankha River of Sri Lal Mohan Mahto at Village- Jhimri and Muru, Thana- Nimdih, Dist.- Saraikela-Kharsawan, Jharkhand (10.93 Ha).**

**Consultant- M/s Visiontek Consultancy Services Pvt Ltd, RQP- Dr. Gurupinder Singh Jaiswal**

This is a Sand Mining Project having an area of 10.93 Ha [Jhimri, Khata no. 791, Plot No – 5636 and Muru Khata no. 460, Plot no. 3686]. 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. 3102/M dated 29.10.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 of MoEF and SEIAA guidelines dated 07.05.2013 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road 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 will not have any major impact on the surroundings. The indicated project cost is Rs. 134.20 Lakh and a provision of Rs 4.00 Lakh as capital cost and Rs. 2.80 Lakhs as recurring cost has been indicated for Environment management. Rs. 7.00 Lakhs has been earmarked for CSR activities.

The estimated geological reserve is 1,63,901 cum and annual production capacity as per Form I has been indicated as 33,315 cum per annum.

PP has submitted certificates from DMO and CO. PP has submitted Affidavit that there is no forest within 250 m and no intake well and breeding point within 500 of mine lease. 500 m barrier will be left from bridge. The information were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Jhimri & Muru Sand Mining Project on Sankha River of Sri Lal Mohan Mahto at Village – Jhimri and Muru, Thana- Nimdih, Dist.- Saraikela-Kharsawan, Jharkhand (10.93 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.**





**VIII. Palamara Sand Mining Project on Palamara River of Sri Ajit Sagar Nawarangi at Village- Pharsabera, Thana- Simdega, Dist: Simdega, Jharkhand (5.66 Ha).**

**Consultant- M/S True Support Services Pvt Ltd, RQP- Dr. Amarjeet Kumar Singh**

This is a Sand Mining Project having an area of 5.66 Ha [Khata no. 14, Plot no. 01 (part)]. 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. 794/M dated 21.09.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 of MoEF and SEIAA guidelines dated 07.05.2013 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road 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 will have not have any major impact on the surroundings. As per the revised Form-I, indicated project cost is Rs 65.30 Lakh and a provision of Rs 6.00 Lakh as capital cost and Rs. 2.70 Lakhs as recurring cost has been indicated for Environment management. Rs. 3.50 Lakhs has been earmarked for CSR activities.

As per revised Mine Plan the estimated geological reserve is 154500 cum and annual production capacity as per Form I has been indicated as 32198 cum per annum.

PP has submitted certificates from DMO & CO. PP has submitted Affidavit that there is no forest within 250 m and no intake well and breeding point within 500 of mine lease. 500 m barrier will be left from bridge. The information were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Palamara Sand Mining Project on Palamara River of Sri Ajit Sagar Nawarangi at Village- Pharsabera, Thana- Simdega, Dist: Simdega, Jharkhand (5.66 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**IX. Nagwa Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Nagwa, Anchal- Tonatand, Dist.- Chatra, Jharkhand (2.32 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B.B. Lall**

This is a Sand Mining Project for having an area of 2.32 Ha [Khata No.- 07, Plot No-539]. 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.- 700 , dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 54.61 Lakh and a provision of Rs 5.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 49,879 tonne and annual production capacity as per Form I has been indicated as 44,891 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Nagwa Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Nagwa, Anchal- Tonatand, Dist.- Chatra, Jharkhand (2.32 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**X. Muhani Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Muhane, Anchal- Ikhori, Dist.- Chatra, Jharkhand (8.1 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Ashok Kumar**

This is a Sand Mining Project for having an area of 8.1 Ha [Khata No.- 162, Plot No-560 (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.- 707, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 1.11 Crores and a provision of Rs 8.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,71,790 tonne and annual production capacity as per Form I has been indicated as 3,71,790 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Muhani Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Muhane, Anchal- Ikhori, Dist.- Chatra, Jharkhand (8.1 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

#### **XI. Hathiya Balu Ghat over Mohani River of Sri Ranjeet Singh at Village- Tonatanr, Anchal- Tonatanr, Dist.- Chatra, Jharkhand (10.926 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 10.926 Ha [Khata No.- 45, Plot No-01]. 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.- 708, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 64.78 Lakh and a provision of Rs 8.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,91,862 tonne and annual production capacity as per Form I has been indicated as 1,72,675 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Hathiya Balu Ghat over Mohani River of Sri Ranjeet Singh at Village-Tonatanr, Anchal- Tonatanr, Dist.- Chatra, Jharkhand (10.926 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

## **XII. Muhane Balu Ghat over Mohani River of Sri Ranjeet Singh at Village-Muhane, Anchal- Ikhori, Dist.- Chatra, Jharkhand (5.6 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 5.6 Ha [Khata No.- 162, Plot No- 560 (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.- 707, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 64.78 Lakh and a provision of Rs 8.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,28,520 tonne and annual production capacity as per Form I has been indicated as 1,15,668 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Muhane Balu Ghat over Mohani River of Sri Ranjeet Singh at Village-Muhane, Anchal- Ikhori, Dist.- Chatra, Jharkhand (5.6 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**



**XIII. Gaadilong Balu Ghat over Gerua River of Sri Premchand Singh at Village-Gaadilong, Anchal- Tandwa, Dist.- Chatra, Jharkhand (6.15 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 6.15 Ha [Khata No.- 161, Plot No- 1120]. 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.- 711, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07:05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 1.40 Crore and a provision of Rs 8.25 Lakh has been indicated for Environment management.

The proposed estimated reserve is 73,440 tonne and annual production capacity as per Form I has been indicated as 66,096 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Gaadilong Balu Ghat over Gerua River of Sri Premchand Singh at Village-Gaadilong, Anchal- Tandwa, Dist.- Chatra, Jharkhand (6.15 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XIV. Jorikhurd Balu Ghat over Lilajan River of Sri Munna Singh at Village-Jorikhurd, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (7.28 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 7.28 Ha [Khata No.- 68, Plot No- 01]. 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.- 713, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme. 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 1.70 Crore and a provision of Rs 9.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,85,436 tonne and annual production capacity as per Form I has been indicated as 1,66,892 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

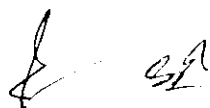
**Based on the presentation made and information provided the Committee decided that the proposal for Jorikhurd Balu Ghat over Lilajan River of Sri Munna Singh at Village- Jorikhurd, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (7.28 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

#### **XV. Bhuiyadih Balu Ghat over Jam River of Sri Munna Singh at Village- Bhuiyadih, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (8.26 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 8.26 Ha [Khata No.- 02, Plot No- 12 & 28]. 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.- 713, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme. 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major



impact on the surroundings. The indicated project cost is Rs 1.70 Crore and a provision of Rs 9.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,95,228 tonne and annual production capacity as per Form I has been indicated as 1,75,705 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Bhuiyadih Balu Ghat over Jam River of Sri Munna Singh at Village-Bhuiyadih, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (8.26 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

## **XVI. Garhkedli Balu Ghat over Lilajan River of Sri Munna Singh at Village-Garhkedli, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (2.83 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 2.83 Ha [Khata No.- 25, Plot No- 01]. 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.- 704, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 47.37 Lakh and a provision of Rs 4.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 67,932 tonne and annual production capacity as per Form I has been indicated as 61,138 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Garhkedli Balu Ghat over Lilajan River of Sri Munna Singh at Village-**

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**Garhkedli, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (2.83 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XVII. Jorikala Balu Ghat over Lilajan River of Sri Munna Singh at Village- Jorikala, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (14.56 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 14.56 Ha [Khata No.- 267, Plot No- 1168 & 1173]. 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.- 712, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 1.65 Crore and a provision of Rs 9.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,47,310 tonne and annual production capacity as per Form I has been indicated as 3,12,579 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Jorikala Balu Ghat over Lilajan River of Sri Munna Singh at Village- Jorikala, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (14.56 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XVIII. Vansingh Balu Ghat over Kandar River of Sri Munna Singh at Village- Vansingh, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (3.56 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 3.56 Ha [Khata No.- 267, Plot No- 1174]. 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.- 712, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 1.65 Crore and a provision of Rs 9.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 78,336 tonne and annual production capacity as per Form I has been indicated as 70,502 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Vansingh Balu Ghat over Kandar River of Sri Munna Singh at Village-Vansingh, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (3.56 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

#### **XIX. Dumrikala Balu Ghat over Lilajan River of Sri Munna Singh at Village-Dumrikala, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (8.50 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B. B. Lall**

This is a Sand Mining Project for having an area of 8.50 Ha [Khata No.- 94, Plot No- 656]. 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.- 705, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and

the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 61.85 Lakh and a provision of Rs 5.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 2,16,342 tonne and annual production capacity as per Form I has been indicated as 1,94,707 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Dumrikala Balu Ghat over Lilajan River of Sri Munna Singh at Village- Dumrikala, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (8.50 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**



**XX. Suraiya (Chora) Balu Ghat over Pasari / Garhi River of Shri Shashikant Kumar Sahay at Village- Suraiya (Chora), Anchal- Tandwa, Dist.- Chatra, Jharkhand (4.95 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Ashok Kumar**

This is a Sand Mining Project for having an area of 4.95 Ha [Khata No.- 16, Plot No- 01]. 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.- 674, dated- 28.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 52.71 Lakh and a provision of Rs 5.20 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,67,494 cum and annual production capacity as per Form I has been indicated as 1531 cum per day (3,67,494 cum per annum).

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PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Suraiya (Chora) Balu Ghat over Pasari / Garhi River of Shri Shashikant Kumar Sahay at Village- Suraiya (Chora), Anchal- Tandwa, Dist.- Chatra, Jharkhand (4.95 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXI. Sisai Balu Ghat over Khadaiya River of Sri Premchand Singh at Village- Sisai, Anchal- Tandwa, Dist.- Chatra, Jharkhand (1.42 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B.B. Lall**

This is a Sand Mining Project for having an area of 1.42 Ha [Plot No- 1050]. 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.- 709, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 1.22 Crore and a provision of Rs 8.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 36,720 tonne and annual production capacity as per Form I has been indicated as 33,048 tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Sisai Balu Ghat over Khadaiya River of Sri Premchand Singh at Village- Sisai, Anchal- Tandwa, Dist.- Chatra, Jharkhand (1.42 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXII. Badki Nadi Balu Ghat over Badki River of Sri Premchand Singh at Village- Tandwa, Anchal- Tandwa, Dist.- Chatra, Jharkhand (2.42 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B.B. Lall**

This is a Sand Mining Project for having an area of 2.42 Ha [Khata No.- 222, Plot No- 1983 ]. 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.- 710, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 2.47 Crore and a provision of Rs 12.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 88,434 tonne and annual production capacity as per Form I has been indicated as 75,590 tonne per annum.



PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Badki Nadi Balu Ghat over Badki River of Sri Premchand Singh at Village- Tandwa, Anchal- Tandwa, Dist.- Chatra, Jharkhand (2.42 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXIII. Ghanghri Balu Ghat over Lilajan Rive of M/s Sahay Construction (Shri Shashikant Kumar Sahay) at Village- Ghanghri, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (4.85 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri B.B. Lall**

This is a Sand Mining Project for having an area of 4.85 Ha [Khata No.- 99, Plot No- 1/616 ]. 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.- 673, dated- 04.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 80.98 Lakh and a provision of Rs 12.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,45,727 cum and annual production capacity as per Form I has been indicated as 1,45,727 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Ghanghri Balu Ghat over Lilajan Rive of M/s Sahay Construction (Shri Shashikant Kumar Sahay) at Village- Ghanghri, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (4.85 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

#### **XXIV. Boda Balu Ghat over Lilajan Rive of M/s Sahay Construction (Shri Shashikant Kumar Sahay) at Village- Ghanghri, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (2.43 Ha).**

##### **Consultant- M/S ASQUARE, Ranchi, RQP- Shri B.B. Lall**

This is a Sand Mining Project for having an area of 2.43 Ha [Khata No.- 85, Plot No- 389 ]. 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.- 673, dated- 04.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road

from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 80.98 Lakh and a provision of Rs 12.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 72,345 cum and annual production capacity as per Form I has been indicated as 72,345 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Boda Balu Ghat over Lilajan Rive of M/s Sahay Construction (Shri Shashikant Kumar Sahay) at Village- Ghanghri, Anchal- Hunterganj, Dist.- Chatra, Jharkhand (2.43 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**



**XXV. Kichto (Plot no. 632) Balu Ghat over Damodar River of M/s. Sahay Construction at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand. (0.5 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Chinmoy Dey**

This is a Sand Mining Project for having an area of 0.5 Ha [Khata No.- 39, Plot No- 632 ]. 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.- 672, dated- 04.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 97.68 Lakh and a provision of Rs 5.20 Lakh has been indicated for Environment management.

The proposed estimated reserve is 14,640 cum and annual production capacity as per Form I has been indicated as 14,640 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Kichto (Plot no. 632) Balu Ghat over Damodar River of M/s. Sahay Construction at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand, (0.5 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXVI. Kichto (Plot no. 649) Balu Ghat over Damodar River of M/s. Sahay Construction at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand. (0.5 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Chinmoy Dey**

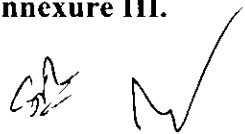
This is a Sand Mining Project for having an area of 0.5 Ha [Khata No.- 39, Plot No- 649]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 672, dated- 04.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 97.68 Lakh and a provision of Rs 5.20 Lakh has been indicated for Environment management.

The proposed estimated reserve is 15,120 cum and annual production capacity as per Form I has been indicated as 15,120 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Kichto (Plot no. 649) Balu Ghat over Damodar River of M/s. Sahay Construction at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand. (0.5 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**



**XXVII. Kichto (Plot no. 534) Balu Ghat over Damodar River of M/s. Sahay Construction at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand. (0.5 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Chinmoy Dey**

This is a Sand Mining Project for having an area of 0.5 Ha [Khata No.- 39, Plot No- 534]. 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.- 672, dated- 04.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 97.68 Lakh and a provision of Rs 5.20 Lakh has been indicated for Environment management.

The proposed estimated reserve is 14,850 cum and annual production capacity as per Form I has been indicated as 14,850 cum per annum.

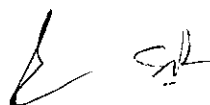
PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Kichto (Plot no. 534) Balu Ghat over Damodar River of M/s. Sahay Construction at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand. (0.5 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXVIII. Kichto (Plot no. 663) Balu Ghat over Damodar River of M/s. Sahay Construction at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand. (0.5 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Chinmoy Dey**

This is a Sand Mining Project for having an area of 0.5 Ha [Khata No.- 39, Plot No- 663]. 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.- 672, dated- 04.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 97.68 Lakh and a provision of Rs 5.20 Lakh has been indicated for Environment management.

The proposed estimated reserve is 15,105 cum and annual production capacity as per Form I has been indicated as 15,105 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Kichto (Plot no. 663) Balu Ghat over Damodar River of M/s. Sahay Construction at Village- Kichto, Anchal- Tandwa, Dist.- Chatra, Jharkhand. (0.5 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXIX. Murtiya Balu Ghat over Barakar River of Sri Kishor Kunal at Village- Murtiya, Anchal- Chandwara, Dist.- Koderma, Jharkhand (4.31 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Ashok Kumar**

This is a Sand Mining Project for having an area of 4.31 Ha [Plot No- 826 & 1106]. 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.- 534, dated- 21.08.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and

the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 44.05 Lakh and a provision of Rs 3.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,29,363 cum and annual production capacity as per Form I has been indicated as 1,29,363 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Murtiya Balu Ghat over Barakar River of Sri Kishor Kunal at Village- Murtiya, Anchal- Chandwara, Dist.- Koderma, Jharkhand (4.31 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXX. Tetran Balu Ghat over Keso River of Sri Sourav Kumar at Village- Tetran, Anchal- Jainagar, Dist.- Koderma, Jharkhand (4.77 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Ashok Kumar**

This is a Sand Mining Project for having an area of 4.77Ha [Khata No.- 37, Plot No- 1559]. 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.- 537, dated- 21.08.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 40.27 Lakh and a provision of Rs 3.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,42,800 cum and annual production capacity as per Form I has been indicated as 1,42,800 cum per annum.



PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Tetran Balu Ghat over Keso River of Sri Sourav Kumar at Village- Tetran, Anchal- Jainagar, Dist.- Koderma, Jharkhand (4.77 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXXI. Tilokari Balu Ghat over Barakar River of Sri Kishor Kunal at Village- Tolikari, Anchal- Jainagar, Dist.- Koderma, Jharkhand (2.02 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Ashok Kumar**

This is a Sand Mining Project for having an area of 2.02 Ha [Khata No.- 117, Plot No- 3568]. 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.- 536, dated- 21.08.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 39.61 Lakh and a provision of Rs 3.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 60,858 cum and annual production capacity as per Form I has been indicated as 60,858 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Tetran Balu Ghat over Keso River of Sri Sourav Kumar at Village- Tetran, Anchal- Jainagar, Dist.- Koderma, Jharkhand (4.77 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXXII. Katia Balu Ghat over Keso River of Sri Suresh Kumar Yadav at Village- Katia, Anchal- Jainagar, Dist.- Koderma, Jharkhand (1.39 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Ashok Kumar**

This is a Sand Mining Project for having an area of 1.39 Ha [Khata No.- 46, Plot No- 3880]. 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.- 434, dated- 29.07.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 39.03 Lakh and a provision of Rs 3.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 25,245 cum and annual production capacity as per Form I has been indicated as 25,245 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Katia Balu Ghat over Keso River of Sri Suresh Kumar Yadav at Village- Katia, Anchal- Jainagar, Dist.- Koderma, Jharkhand (1.39 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXXIII. Dhuna Balu Ghat over Mohana River of Sri Ranjit Singh at Village- Katua, Anchal- itkhori, Dist.- Chatra, Jharkhand (5.69 Ha).**

**Consultant- M/S ASQUARE, Ranchi, RQP- Shri Ashok Kumar**

This is a Sand Mining Project for having an area of 5.69 Ha [Khata No.- 26, Plot No- 168]. 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.- 706, dated- 09.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme. 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 63.85 Lakh and a provision of Rs 6.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,28,700 cum and annual production capacity as per Form I has been indicated as 1,28,700 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Dhuna Balu Ghat over Mohana River of Sri Ranjit Singh at Village- Katua, Anchal- itkhor, Dist.- Chatra, Jharkhand (5.69 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXXIV. Garadih Sand Mining Project on Kanchi River of M/S Mihijam Wine Trader, At Village – Gomeadih, Thana – Sonahatu, District – Ranchi, Jharkhand, Area – 13.15 Ha**

**Consultant- Cognizance Research India Pvt. Ltd RQP- Dr. G.S. Jaiswal**

This is a Sand Mining Project for having an area of 13.15 Ha Plot No-1376. 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.- 1925, dated- 05.11.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MOEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs. 2,33,27133.51/- and a provision of Rs 8 Lakh has been indicated for Environment management.



The proposed estimated reserve is 8,41,978 MT and annual production capacity as per Form I has been indicated as 5,36,811 Tonne per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Garadih Sand Mining Project on Kanchi River of M/S Mihijam Wine Trader, At Village – Gomeadih, Thana – Sonahatu, District – Ranchi, Jharkhand, Area – 13.15 Ha be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XXXV. Gomeadih Sand Mining Project on Kanchi River of M/S Mihijam Wine Trader, At Village – Gomeadih, Thana – Sonahatu, District – Ranchi, Jharkhand, Area – 8.83 Ha**

**Consultant- Cognizance Research India Pvt. Ltd RQP- Dr. G.S. Jaiswal**

This is a Sand Mining Project for having an area of 8.83 Ha Plot No- 862 & 864. 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.- 1925, dated- 05.11.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order 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 are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MOEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs. 1,59,47,877/- and a provision of Rs 6 Lakh has been indicated for Environment management.

The proposed estimated reserve is 5,03,572 MT and annual production capacity as per Form I has been indicated as 3,26,111 Tonne per annum.

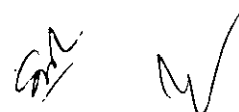
PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Gomeadih Sand Mining Project on Kanchi River of M/S Mihijam Wine Trader, At Village – Gomeadih, Thana – Sonahatu, District – Ranchi, Jharkhand, Area – 8.83 Ha be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.**

### **Annexure III**

#### **A. Specific Conditions**

1. The Environmental clearance is subject to grant of Mining Lease and will be co-terminus with the mining lease period.
2. The mining work will be open-cast and exclusively manual. No mechanical work or drilling / blasting should be involved at any stage.
3. EC is subject to the grant of mining lease to the rightful owner.
4. The mining is confined to extraction of sand from the river bed only. No mining is to be carried out in water stream. It shall be ensured that there shall be no mining beyond 03 m or upto water level which ever is less in the issue of Sand Mining or Sand / Gravel Mining should be raised 15 meter away from the river side or mining should be restricted from the distance equal or more than 1/5 module of river width shall be left on both the banks of precise area to control and avoid erosion of river bank.
5. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed. Also PP shall ensure that stipulations mentioned in MoEF OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 and SEIAA, Jharkhand guideline dated 07.05.2013 are adhered to.
6. For the green belt development in the mining area / transport road sides / other land area saplings available in the forest nursery / private nursery should also be considered for the mentioned purpose instead of the Trees / Plants mentioned in the PFR / Presentation copies of the proposed mine.
7. No sand mining activities will be carried out in upstream or downstream within 500 m of railways, road, bridge, water intake, wires & notified aquarium or breeding places.
8. Project Proponent shall appoint a Monitoring Committee to monitor the replenishment study, traffic management, levels of production, River Bank erosion and maintenance of Road etc and shall submit report to SEIAA, JSPCB and DMO after every monsoon i.e. by end of November (30<sup>th</sup>) of that year. Also after receding of flood / water (after monsoon) a study has to be conducted in mining lease area and list of flora & fauna is to be prepared and submit report to SEIAA, JSPCB and DMO.
9. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area).
10. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
11. The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine



- lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season. Due consideration will be given to points raised in Supreme Court judgement and SEIAA guidelines.
12. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
  13. The project proponent will provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
  14. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management rules.
  15. Project falling within in 1.0 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
  16. Natural /customary paths used by villagers should not be obstructed at any time by the activities proposed under the project. Transportation of sand is to be carried out with consent of Villagers and Trucks are to be covered with Tarpaulin.
  17. Local flora may be planted in the Core Zone of the Mining Lease area.
  18. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  19. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
  20. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
  21. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
  22. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
  23. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
  24. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
  25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.



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26. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.

## **B. General conditions**

1. Any change in mining area Plot / Khata numbers, entailing capacity addition with change in process and or mining technology modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended), SEIAA guidelines and Supreme Court judgement on the subject.
2. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation, Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
3. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall-be automatically deemed to have been cancelled.
4. Parking of vehicles should not be made on public places.
5. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
6. No wildlife habitat will be infringed.
7. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed / basin, where, mining is carried out.
8. It shall be ensured that mining operation will not in any way disturb the, velocity and flow pattern of the river water significantly.
9. It shall be ensured that there is no fauna dependant on the river bed or areas dose to mining for its nesting, primary survey of flora and fauna shall be carried out and data / report on the same, vetted by the competent authority shall be submitted to the RO, JSPCB and SEIAA within 03 months of grant of EC.
10. The proponent shall observe every 15 day for nesting of any turtle hill stream fishes in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat / nesting area is undisturbed.
11. Hydro- geological study shall be carried out by reputed organization / institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the DMO, JSPCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
12. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the DMO, JSPCB and SEIAA and this activity should be completed before the start of sand mining.

13. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects / tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
14. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO / Horticulture Officer. At least 33 % equivalent to lease area is to be covered with local species of plant. Plantation is to be carried out along Village road and other roads, community places like schools, temples, religious places, panchayat bhawan, etc.
15. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
16. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities, Maintenance of Village roads through which transportation of minerals is to be undertaken, shall be carried out by the project proponent regularly at his own expenses.
17. Measures for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried out with geo textile matting or other suitable material.
18. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
19. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile / insect like snake. Periodical and Annual medical check up of workers as per Mines Act and they should be covered under ESI as per rule.
20. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
21. The Project proponent shall maintain register for production and dispatch and submit return to the SEIAA / JSPCB / concerned authorities.
22. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
23. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
24. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
25. Dispensary facilities for First Aid shall be provided at site.
26. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

27. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover).
28. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
29. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
30. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NOx (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
31. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
32. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
33. All statutory clearances shall be obtained before start of mining operations.

### **C. Other points**

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of grant of lease for the mine. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.



5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

## **Proposal related to Brick Clay Mine**

### **I. Bricks Clay Mining Project of M/s Kisan Bricks Jaglal Prasad at Village-Dumardih, P.S.- Gumla, Dist.- Gumla, Jharkhand. (0.91 Ha)**

#### **Consultant- M/S Cognizanace Research India Pvt Ltd, Noida**

This is a Brick Clay Mining Project for having an area of 0.91 Ha [Khata No. 01, Plot No. 1433 (P)]. The committee noted that as per Form I it is a proposal for new project 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) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24<sup>th</sup> June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, 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 pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 14.00 Lakhs and a provision of Rs 1.50 Lakhs will be kept for Environment management.

PP has submitted certificate from DMO and affidavit w.r.t. distance from forest as required under SEIAA guidelines. The same was examined and found to be satisfactory. Affidavits with regard to distance from forest have been accepted based on decision taken by SEIAA in its 22<sup>nd</sup> Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form-I has been indicated as 3640 m<sup>3</sup>.

**Based on the presentation made and information provided the Committee decided that the proposal for Bricks Clay Mining Project of M/s Kisan Bricks Jaglal Prasad at Village-Dumardih, P.S.- Gumla, Dist.- Gumla, Jharkhand. (0.91 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure-IV.**

## **Annexure -IV**

### **A. Specific Conditions**



1. The environmental clearance is subject to grant / renewal of mining permit by the Department of Mines, Government of Jharkhand to PP Latest Minor Mineral Concession Rules of Govt. of Jharkhand and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. EC is subject to the grant of mining lease to the rightful owner.
4. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals / Brick Earth Mining.
5. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities.
6. The activity associated with borrowing / excavation of 'brick earth' and 'ordinary earth' for purpose of brick manufacturing, construction of roads, embankments etc. shall not involve blasting.
7. The borrowing / excavation activity shall be restricted to a maximum depth of 2 m below general ground level at the site. However – excavation shall not intercept with ground water level at site.
8. The borrowing / excavation activity shall not alter the natural drainage pattern of the area.
9. The borrowing / excavated pit shall be restored by the project proponent for useful purpose (s).
10. Appropriate fencing all around the borrowed / excavated pit shall be made to prevent any mishap.
11. Measures shall be taken to prevent dust emission by covering of borrowed / excavated earth during transportation.
12. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing / excavation of earth.
13. Workers / labours shall be provided with facilities for drinking water and sanitation.
14. A considerable space from mine pit shall be left from the boundary of adjoining field, having, minimum width of 5M.
15. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.
16. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
17. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
18. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the



lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.

19. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
20. The project proponent should implement suitable conservation measures to augment ground water resources in the area as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
21. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
22. Suitable rainwater harvesting scheme shall be planned and implemented as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
23. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
24. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
25. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
26. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
27. Provision shall be made for the housing of labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
28. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
29. A final mine closure scheme plan of mine pit shall be submitted to concerned DMO in advance of final mine closure for approval.
30. The excavated earth – by such Brick mining pit owner – shall be supplied only to owners of manufacturing of bricks –having “Consent to Operate” under the provision of section 25 and 26 of The water (prevention and control of pollution) Act, 1974 and under section 21 of The Air (prevention and control of pollution) Act, 1981.
31. All haul roads connection to mining pit head to concerned Brick kilns – shall have muram / Brick paved road to avoid fugitive emission during transportation activities. In addition to this there shall be tree plantation in both side along the haul road.
32. Prime agricultural land shall not be used for earth mining – until and unless – permission of conversion of land has been obtained by component authority.

#### **B. General conditions**



1. No change in mining methodology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
8. Dispensary facilities for First Aid shall be provided at site.
9. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (% of Profit / turnover).
10. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi its concerned Regional Office and to SEIAA.
12. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
13. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
14. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.



15. All statutory clearances shall be obtained before start of mining operations.

**C. Other points**

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance will be valid till the period of land lease and subject to grant / renewal of mining permit which are generally granted for period of 6 month at one time. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

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

**1. Konsera Stone Mine of Smt. Ahilya Devi at Vill- Konsera, Thana- Simdega, Dist- Simdega, Jharkhand. (Area- 1.01 Ha).**

The proposal was considered by SEAC on 22.12.2015 in 38<sup>th</sup> meeting. This is a renewal case w.e.f. 2013. But the CO certificate indicates distance of existing of mine as:-

- I. 287 m from Goshala of Church
- II. 330 m from Church
- III. 426 m from School
- IV. 254 m from from Canal

The issues involved may be clarified as to that type of school (no. of students) etc. is there from the concerned CO, before grant of EC.

**Once the PP provides the information, SEAC will, after examining the same, will refer the matter to SEIAA for consideration for further action.**

**2. M/s Bihar Hard Coke Mfg. Co. Pvt Ltd at Village- Udaipur, Tehsil- Kalyanpur, Dist.- Dhanbad, Jharkhand.**

PP has not submitted the details.

**3. Chotta Mirkhi Stone Mine of M/s Grands Mining at Vill- Chotta Mirkhi, Tehsil- Devipur, Dist- Deoghar, Jharkhand. (Area- 2.83 Ha)**

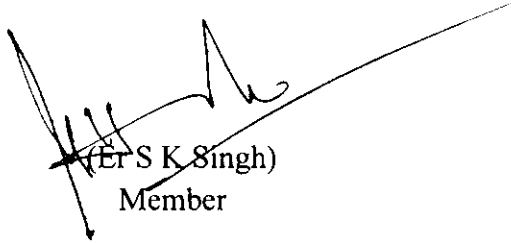
PP was asked to submit certificate from DMO regarding production figure.



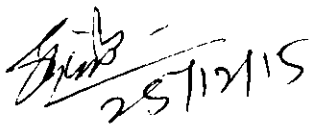
Once the PP provides the information, SEAC will, after examining the same, will refer the matter to SEIAA for consideration for further action.

4. **Sponge Iron Plant of M/s Bihar Sponge Iron Limited at Vill- Umesh Nagar, Tehsil – Chandil, Dist- Saraikela Kharsawan, Jharkhand.**
5. **Sand Deposit in the River Bed of Subarnrekah of Shri Sumit Kumar Bansal at Vill- Chakulia, Dist- East Singhbhum, Jharkhand. (Area- 0.910 Ha)**

PP's not present.



(Er S K Singh)  
Member



(Prof (Dr) Shatrunjay Kumar Singh)  
Member

**MINUTES OF THE 38<sup>th</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 18<sup>th</sup> to 24<sup>th</sup> DECEMBER, 2015**

Date- 22<sup>nd</sup> December, 2015

**1. Proposal related to Stone Mine (Renewal Projects)**

**I. Uparsila Stone Deposit of Sri Ashok Kumar Katyal at Village- Uparsila, Thana- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (9.71 Ha)**

**Consultant – Gognizance Research India Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakraborty**

This is a Stone Mining Project for having an area of 9.71 Ha [Khata No.- 120, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 13.03.2006 for a period of 10 years.. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 10.00 Lakhs and a provision of Rs 2.40 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	45,279 t
Mineable Probable Reserve	:	3,848 t

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

1 <sup>st</sup> Year	:	4,995 t
2 <sup>nd</sup> Year	:	4,925 t
3 <sup>rd</sup> Year	:	4,990 t
4 <sup>th</sup> Year	:	4,933 t
5 <sup>th</sup> Year	:	4,987 t

The daily production as per Form I is 17 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP had also submitted CTO from JSPCB. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Kandra Stone Mine of Shri Sayed Shahid Akhtar At Village – Kandra, Thana – Senha, Dist – Lohardaga, Jharkhand. (0.41 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

## **II. Dwarpahri Granite & Stone Mine of M/s Bharat Minerals Grinding Industries at Village- Dwarpahri, P.S.- Karaon, Dist.- Deoghar, Jharkhand (1.618 Ha).**

**Consultant – Gognizanace Research India Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakraborty**

This is a Stone Mining Project for having an area of 1.618 Ha [Plot No.- 543 (P)]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 02.08.1999 for a period of 07 years.. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 20.00 Lakhs and a provision of Rs 2.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	2,83,217 t
Mineable Probable Reserve	:	7128 t

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

	Stone	Granite Blocks (No.)
1 <sup>st</sup> Year	: 1782 t	603
2 <sup>nd</sup> Year	: 1769 t	598
3 <sup>rd</sup> Year	: 1788 t	605
4 <sup>th</sup> Year	: 1769 t	598
5 <sup>th</sup> Year	: 1782 t	603

The daily production as per Form I is 6 tonnes and 605 Blocks of Granite (Maximum) per annum .

PP has submitted certificates from Circle Officer, DFO & DMO. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Dwarpahri Granite & Stone Mine of M/s Bharat Minerals Grinding Industries at Village- Dwarpahri, P.S.- Karaon, Dist.- Deoghar, Jharkhand (1.618 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

### **III. Kandadag Stone Mine of M/s Jai Mata Metals at Village- Kandadag, Tehsil- Padma, Dist.- Hazaribagh, Jharkhand (2.072 Ha).**

**Consultant – Visiontek Consultancy Services Pvt Ltd, Bhubaneshwar, RQP- Dr. G.S. Jaiswal**

This is a Stone Mining Project for having an area of 2.072 Ha [Khata No.- 81, Plot No.- 590 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 18.09.2011 to 17.09.2021.. 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 31<sup>st</sup> 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 37.40 Lakhs and a provision of Rs 3.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	2.59,584 t
Mineable Probable Reserve	:	2.46,195 t

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

1 <sup>st</sup> Year	:	Nil
2 <sup>nd</sup> Year	:	Nil
3 <sup>rd</sup> Year	:	1,80,000 t
4 <sup>th</sup> Year	:	1,80,000 t
5 <sup>th</sup> Year	:	1,80,000 t

The daily production as per Form I is 600 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Kandadag Stone Mine of M/s Jai Mata Metals at Village- Kandadag, Tehsil- Padma, Dist.- Hazaribagh, Jharkhand (2.072 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.**

## **Annexure –I**

### **A. Specific Conditions**

1. The environmental clearance is subject to renewal of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. EC is subject to the grant of mining lease to the rightful owner.
4. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
5. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
6. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
7. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
8. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
9. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
10. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
11. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be

- utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
12. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
  13. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
  14. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
  15. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
  16. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
  17. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
  18. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
  19. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
  20. Drills shall either be operated with the dust extractors or equipped with water injection system.
  21. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
  22. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
  23. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
  24. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.

26. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
27. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

**B. General conditions**

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It

shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.

15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

### **C. Other points**

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of renewal of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

## **Proposal related to Stone Mine (New Projects)**

### **I. Uparsila Stone Deposit of Sri Ashok Kumar Katyal at Village- Uparsila, Thana- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (9.71 Ha).**

**Consultant – Gognizanace Research India Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakraborty**

This is a Stone Mining Project for having an area of 9.71 Ha [Khata No.- 120, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 90 Lakh and a provision of Rs 7.50 Lakh will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	82,56,611 t
Mineable Probable Reserve	:	80,730 t

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

1 <sup>st</sup> Year	:	5,40,351 t
2 <sup>nd</sup> Year	:	5,40,038 t
3 <sup>rd</sup> Year	:	5,40,779 t
4 <sup>th</sup> Year	:	5,40,443 t
5 <sup>th</sup> Year	:	5,40,905 t

The daily production as per Form-I is 1803 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The information's were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal Uparsila Stone Deposit of Sri Ashok Kumar Katyal at Village- Uparsila, Thana- Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (9.71 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

## **II. Lal Mohan Mahto Stone Mine of Sri Lal Mohan Mahto at Mouza- Bhulubasa, Rajnagar, Dist.- Sarikela-Kharsawan, Jharkhand (6.29 Ha).**

**Consultant- M/s Visiontek Consultancy Services Pvt Ltd, RQP- Dr. Amarjeet Kumar Singh**

This is a Stone Mining Project for having an area of 6.29 Ha [Khata No.- 96, Plot No.- 380]. The committee noted that as per Form I it is a proposal for **new** mine 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs. 83.50 Lakh and a provision of Rs 5.40 Lakh as capital cost and Rs. 2.50 Lakhs as recurring cost has been indicated for Environment management. Rs. 4.50 Lakhs has been earmarked for CSR activities.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 72,24,294 t

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

1 <sup>st</sup> Year	:	300015 t
2 <sup>nd</sup> Year	:	300015 t
3 <sup>rd</sup> Year	:	300015 t
4 <sup>th</sup> Year	:	300015 t
5 <sup>th</sup> Year	:	300015 t

The daily production as per Form I is 1000.50 tonnes.

PP has submitted certificates from Gram Sabha, Circle Officer, DFO & DMO. The information were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for M/s Lal Mohan Mahto Stone Mine of Sri Lal Mohan Mahto at Mouza- Bhulubasa, Rajnagar, Dist.- Sarikela-Kharsawan, Jharkhand (6.29 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

### **III. Ambdiha Stone Deposit of M/S SGS Mines & Industries PVT.LTD at Village- Ambdiha, P.S.- Kolhan, Dist.- West Singhbhum, Jharkhand (4.08 Ha).**

#### **Consultant- Safe Environment, Jamshedpur, RQP- Dr. G.S Jaiswal**

This is a Stone Mining Project for having an area of 4.08 Ha [Khata No.- 02, Plot No.- 3349. The committee noted that as per Form I it is a proposal for new project 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) 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 will have not have any major impact on the surroundings. The indicated project cost is Rs 40.11 Lakh and a provision of Rs 19.26 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve :	1, 59,422t
Mineable Probable Reserve :	7, 80,793t

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

1 <sup>st</sup> Year	:	1, 50,010 t
2 <sup>nd</sup> Year	:	1, 50,005 t
3 <sup>rd</sup> Year	:	1, 50,000 t
4 <sup>th</sup> Year	:	2, 10,000 t
5 <sup>th</sup> Year	:	2, 10,009t

The daily production as per Form-I is 700 tonne.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Ambdiha Stone Deposit of M/S SGS Mines & Industries PVT.LTD at Village-Ambdiha, P.S. - Kolhan, Dist.- West Singhbhum, Jharkhand (4.08 Ha)be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.**

## **Annexure -II**

### **A. Specific Conditions**

1. The environmental clearance is subject to grant of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. EC is subject to the grant of mining lease to the rightful owner.
4. Environmental clearance is subject to final order of the Hon`ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
5. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.

6. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
7. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
8. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
9. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
10. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
11. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
12. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
13. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
14. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
15. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
16. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
17. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
18. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles

carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.

19. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
20. Drills shall either be operated with the dust extractors or equipped with water injection system.
21. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
22. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
23. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
24. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
26. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
27. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

#### **B. General conditions**

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.

8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

**C. Other points**

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of grant of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.

4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Trans boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.