

**PART- B MINUTES OF THE 28<sup>th</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 27<sup>th</sup> to 30<sup>th</sup> APRIL, 2015**

The 28<sup>th</sup> meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 27<sup>th</sup> to 30<sup>th</sup> April, 2015 under the Chairmanship 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. Prof (Dr) Shatrunjay Kumar Singh | - Member   |

Shri R.N. Kashyap, Secretary, SEAC did not attend the meeting.

Various projects which were received by SEIAA after the previous SEAC meeting held from 24<sup>th</sup> to 27<sup>th</sup> March, 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. Proposals related to Brick Earth**

- 1. Brick Clay Mining of M/S Om Bricks (Shri Manoranjan Saw) at Village - Bamdol, P.O. & P.S.- Bahragora, District- East Singhbhum, Jharkhand. (1.00 Ha)**

**Consultant – ENV DAS India Pvt. Ltd., Lucknow**

This is a Brick Clay Mining Project for having an area of 1.00 Ha [Khata No.- 114, Plot No.- 787 to 789, Khata No.- 103, Plot No- 786, 582, 585, 590, 790 & 797]. 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

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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 43.00 Lakhs and a provision of Rs 2.15 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 1584 m<sup>3</sup>.

**Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/S Om Bricks (Shri Manoranjan Saw) at Village - Bamdol, P.O. & P.S.- Bahragora, District- East Singhbhum, Jharkhand. (1.00 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure - I.**

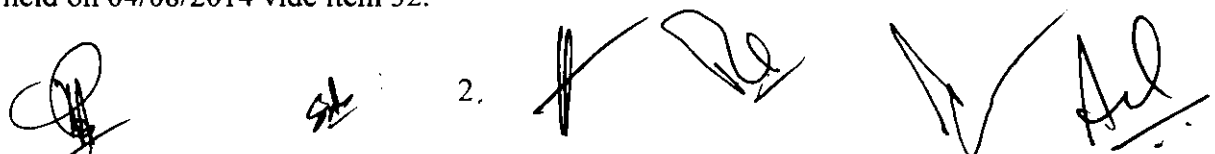
**II. Brick Clay Mining of M/s Bhawani Bricks Supplier at Village- Dugdabasti, P.O-Karmatand, P.S- Dugda, Dist.- Bokaro, Jharkhand (0.95 Ha)**

**Consultant – ENV DAS India Pvt. Ltd., Lucknow**

This is a Brick Clay Mining Project for having an area of 0.95 Ha [Khata No.- 40, Plot No- 2113, Khata No.- 142, Plot No.- 2115 to 2118]. 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 43 Lakhs and a provision of Rs 1.70 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.

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The proposed annual production capacity as per Form I has been indicated as 1584 m<sup>3</sup>.

**Based on the presentation made and information provided, the Committee recommends that the proposal for Brick Clay Mining of M/s Bhawani Bricks Supplier at Village-Dugdabasti, P.O-Karmatand, P.S- Dugda, Dist.- Bokaro, Jharkhand (0.95 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure- I.**

**III. Brick Clay Mining of M/S Shan Bricks at Village & P.O.- Kumardaga, P.S.- Pindrajora, District- Bokaro, Jharkhand (0.91 Ha)**

**Consultant – ENV DAS India Pvt. Ltd., Lucknow**

This is a Brick Clay Mining Project for having an area of 0.91 Ha [Khata No.- 23, Plot No- 150, 151, 153 & 154]. The committee noted that as per Form I it is a proposal for renewal of 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 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 40.00 Lakhs and a provision of Rs 1.20 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. It has been observed that the Khata no. has been mentioned as 23 in all certificates except in mining permit. DMO has in its certificate mentioned Khata no. 23. PP has submitted an undertaking to this effect.

The proposed annual production capacity as per Form I has been indicated as 1584 m<sup>3</sup>.

**Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/S Shan Bricks at Village & P.O.- Kumardaga, P.S.- Pindrajora, District- Bokaro, Jharkhand (0.91 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

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**IV. Brick Clay Mining for M/s J.S.C Bricks at Village – Jainagar, P.O.- Murrahdih, P.S.- Barwa Adda, District- Dhanbad, Jharkhand (0.541 Ha)**

**Consultant – ENV DAS India Pvt. Ltd., Lucknow**

This is a Brick Clay Mining Project for having an area of 0.541 Ha [Khata No.- 41, Plot No- 2339, 2342 (P), 2343 (P), 2345 to 2348]. 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 43.00 Lakhs and a provision of Rs 1.03 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 2640 m<sup>3</sup>.

**Based on the presentation made and information provided, the Committee recommends that the proposal for Brick Clay Mining for M/s J.S.C Bricks at Village – Jainagar, P.O.- Murrahdih, P.S.- Barwa Adda, District- Dhanbad, Jharkhand (0.541 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure- I.**

**V. Brick Clay Mining of MGM Bricks at Village- Dantu, Thana- Kasmar, District- Bokaro, Jharkhand (1.00 Ha).**

**Consultant – Enviro Consultants, Ranchi**

This is a Brick Clay Mining Project for having an area of 1.00 Ha [Khata No.- 48, Plot No- 1339, 1353 & 1355 ]. 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

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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 25.00 Lakhs and a provision of Rs 1.00 Lakhs will be kept for Environment management.

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

The proposed annual production capacity as per Form I has been indicated as 2296 m<sup>3</sup>.

**Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of MGM Bricks at Village- Dantu, Thana- Kasmar, District- Bokaro, Jharkhand (1.00 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**VI. Brick Clay Mining of M/s Jai Mata Di Bricks at Village- Taisera, Taluka - Gumla, District- Gumla, Jharkhand (0.534 Ha).**

**Consultant – M/S Apex Mintech Consultants, Udaipur, Rajasthan**

This is a Brick Clay Mining Project for having an area of 0.534 Ha [Khata No.- 02, Plot No- 89 & 90]. 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 42.50 Lakhs and a provision of Rs 2.12 Lakhs will be kept for Environment management.

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

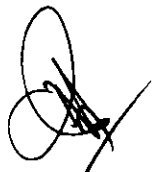
The proposed annual production capacity as per Form I has been indicated as 1584 m<sup>3</sup>.

**Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Jai Mata Di Bricks at Village- Taisera, Taluka - Gumla, District - Gumla, Jharkhand (0.534 Ha) be recommended for consideration of SEIAA 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 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. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals / Brick Earth Mining.
4. 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.
5. 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.
6. 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.
7. The borrowing / excavation activity shall not alter the natural drainage pattern of the area.
8. The borrowing / excavated pit shall be restored by the project proponent for useful purpose (s).
9. Appropriate fencing all around the borrowed / excavated pit shall be made to prevent any mishap.
10. Measures shall be taken to prevent dust emission by covering of borrowed / excavated earth during transportation.
11. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing / excavation of earth.
12. Workers / labours shall be provided with facilities for drinking water and sanitation.
13. A considerable space from mine pit shall be left from the boundary of adjoining field, having, minimum width of 5M.



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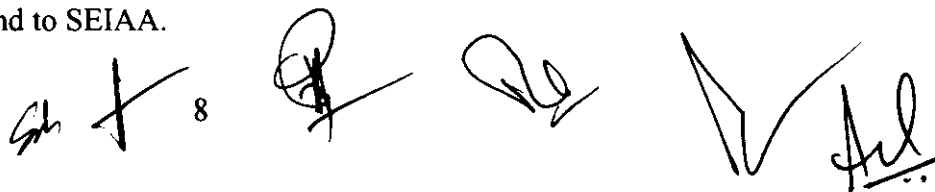
14. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.
15. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. Suitable rainwater harvesting scheme shall be planned and implemented as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
22. 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.
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. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
26. 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.
27. 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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28. A final mine closure scheme plan of mine pit shall be submitted to concerned DMO in advance of final mine closure for approval.
29. 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.
30. 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.
31. 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.

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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 Parishad / 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**

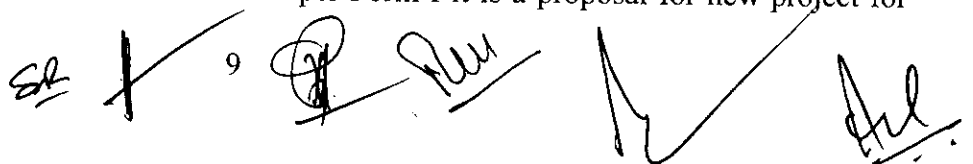
1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance will be valid till the period of land lease and subject to 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.

## **2. Proposals related to Stone Mine (New Project)**

### **I. Rajguru Stone Mine of Shri Rakesh Kumar Singh at Village- Rajguru, Thana- Basisthnagar, Chatra, Jharkhand. (1.00 Ha).**

**Consultant- M/S Green CIndia Consulting Pvt Ltd, NCR, Ghaziabad, UP,  
RQP- Shri B. Tirkey**

This is a Stone Mining Project for having an area of 1.00 Ha [Khata No.- 89, Plot No.- 577, 596, 595 & 587, Khata No.- 88, Plot No- 590, Khata No.- 90, Plot No.- 576, 573 & 589, Khata No.- 04, Plot No.- 578]. 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 20.00 Lakhs and a provision of Rs 1.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 1,32,970 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	24,098 t
2 <sup>nd</sup> Year	:	24,381 t
3 <sup>rd</sup> Year	:	24,154 t
4 <sup>th</sup> Year	:	20,299 t
5 <sup>th</sup> Year	:	7960 t

The daily production as per Form I is 67 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 recommends that the proposal for Rajguru Stone Mine of Shri Rakesh Kumar Singh at Village- Rajguru, Thana- Basisthnagar, Chatra, Jharkhand. (1.00 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

## **II. Chainpur Stone Mine of M/S Santhal Enterprises at Village – Chainpur, Thana - Balidih, District- Bokaro, Jharkhand (2.25 Ha)**

**Consultant- M/S Green CIndia Consulting Pvt Ltd, NCR, Ghaziabad, UP, RQP- Shri B. Tirkey**

This is a Stone Mining Project for having an area of 2.25 Ha [ Khata No.- 04, Plot No.- 163, Khata No.- 76, Plot No- 147 (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

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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 25.00 Lakhs and a provision of Rs 4.08 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 6,40,470 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	90,898 t
2 <sup>nd</sup> Year	:	87,885 t
3 <sup>rd</sup> Year	:	82,124 t
4 <sup>th</sup> Year	:	76,577 t
5 <sup>th</sup> Year	:	71,215 t

The daily production as per Form I is 272 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 recommends that the proposal for Chainpur Stone Mine of M/S Santhal Enterprises at Village – Chainpur, Thana - Balidih, District- Bokaro, Jharkhand (2.25 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

**III. Dharguli Stone Mine of M/S Balaji Enterprises at Village- Kalichatan, Thana- Bagodar, District- Giridih, Jharkhand. (4.47 Ha)**

**Consultant- M/S Green CIndia Consulting Pvt Ltd, NCR, Ghaziabad, UP,  
RQP- Dr. R. N. Singh**

This is a Stone Mining Project for having an area of 4.47 Ha [ Khata No.- 23, Plot No- 98 (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.

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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 50.00 Lakhs and a provision of Rs 1.80 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 2,41,882 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	48,500 t
2 <sup>nd</sup> Year	:	39,960 t
3 <sup>rd</sup> Year	:	31,925 t
4 <sup>th</sup> Year	:	24,395 t
5 <sup>th</sup> Year	:	17,370 t

The daily production as per Form I is 108 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 recommends that the proposal for Dharguli Stone Mine of M/S Balaji Enterprises at Village-Kalichatan, Thana- Bagodar, District- Giridih, Jharkhand. (4.47 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

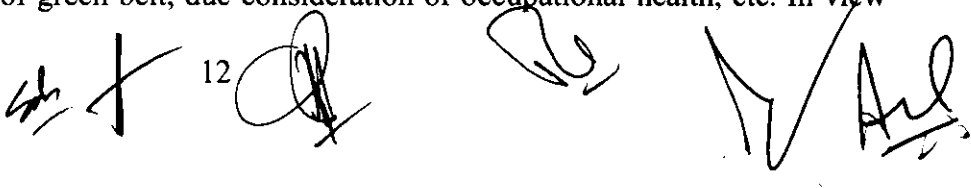
**IV. Kirokuria Stone Mine of Shri Madan Kant at Village – Kirokuria, P.O – Sakrigali, P.S- Taljhari, Dist.- Sahibganj, Jharkhand (2.428 Ha).**

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

This is a Stone Mining Project for having an area of 2.428 Ha [ Khata No.- 14, Plot No.- 2(P), Khata No.- 4, Plot No.- 30 (P) & Khata No.- 15, Plot No- 31 (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

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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 17.70 Lakhs and a provision of Rs 4.50 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 5,78,220 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	58,860 t
2 <sup>nd</sup> Year	:	59,981 t
3 <sup>rd</sup> Year	:	60,750 t
4 <sup>th</sup> Year	:	60,345 t
5 <sup>th</sup> Year	:	59,886 t

The daily production as per Form I is 200 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 recommends that the proposal for Kirokuria Stone Mine of Shri Madan Kant at Village – Kirokuria, P.O – Sakrigali, P.S- Taljhari, Dist.- Sahibganj, Jharkhand (2.428 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – V**

**V. Mishrol Stone Mine of M/S Maa Suruchi Stone Works at Village – Mishrol, P.O- Tapej, P.S- Chatra, District- Chatra, Jharkhand (1.09 Ha).**

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

This is a Stone Mining Project for having an area of 1.09 Ha [ Khata No.- 11, Plot No.- 241, Khata No.- 12, Plot No.- 237, Khata No.- 16, Plot No- 242]. 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,

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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 17.10 Lakhs and a provision of Rs 3.50 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 3,56,868 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	30,075 t
2 <sup>nd</sup> Year	:	30,030 t
3 <sup>rd</sup> Year	:	30,000 t
4 <sup>th</sup> Year	:	30,075 t
5 <sup>th</sup> Year	:	30,030 t

The daily production as per Form I is 100 tonnes.

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

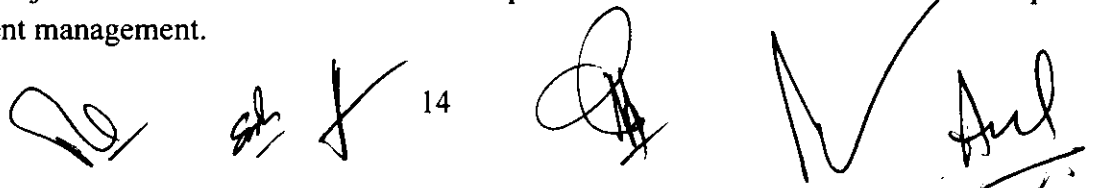
**Based on the presentation made and information provided the Committee recommends that the proposal for Mishrol Stone Mine of M/S Maa Suruchi Stone Works at Village – Mishrol, P.O- Tapej, P.S- Chatra, District- Chatra, Jharkhand (1.09 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

**VI. Golpahari Stone Mine of Shri Amit Kumar Pandey at Village – Golpahari, Tehsil- Jamtara, District- Jamtara, Jharkhand (4.45 Ha).**

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

This is a Stone Mining Project for having an area of 4.45 Ha [ Khata No.- 58, Plot No- 2357 (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 19.30 Lakhs and a provision of Rs 4.50 Lakhs will be kept for Environment management.

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The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 42,98,697 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	2,40,216 t
2 <sup>nd</sup> Year	:	2,40,027 t
3 <sup>rd</sup> Year	:	2,40,176 t
4 <sup>th</sup> Year	:	2,40,035 t
5 <sup>th</sup> Year	:	2,40,100 t

The daily production as per Form I is 800 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. In the certificate provided by CO distance of project site from interstate boundary has been inadvertently missed. Proponent while filling Annexure I has indicated that the distance of interstate boundary is more than 10 km. The map showing area within 5 km radius (toposheet) does not show interstate boundary. Further since area is less than 5 Ha general condition do not apply as per MoEF notification dated 25<sup>th</sup> June, 2014. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Golpahari Stone Mine of Shri Amit Kumar Pandey at Village – Golpahari, Tehsil- Jamtara, District- Jamtara, Jharkhand (4.45 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

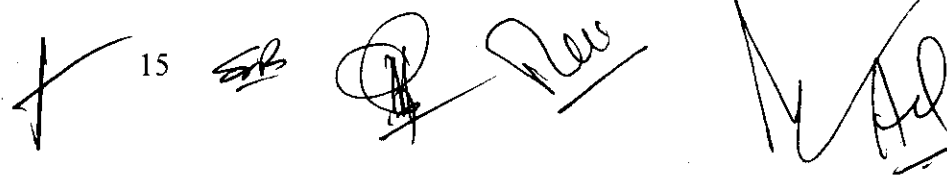
**VII. Stone Boulder Mining of M/S Barin Kumar Majhi at Village – Patmahuliya, P.O.- Patmahuliya, P.S.- Ghatsila, District- East Singhbhum, Jharkhand (2.25 Ha).**

**Consultant- M/S ENV DAS India Pvt Ltd, Lucknow, RQP- Shri P.K. Sen**

This is a Stone Mining Project for having an area of 2.25 Ha [ Khata No.- 131, Plot No- 293]. 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 1.89 Crores and a provision of Rs 5.00 Lakhs will be kept for Environment management. The committee during meeting had asked PP to revise the same. PP

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had revised project cost is Rs 33.00 Lakhs and a provision of Rs 3.50 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 10,56,283 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	1,06,296 t
2 <sup>nd</sup> Year	:	1,06,188 t
3 <sup>rd</sup> Year	:	1,06,178 t
4 <sup>th</sup> Year	:	1,06,407 t
5 <sup>th</sup> Year	:	1,06,010 t

The daily production as per Form I is 355 tonnes.

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

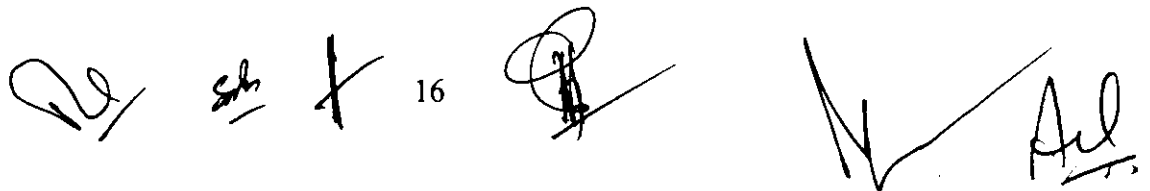
**Based on the presentation made and information provided the Committee recommends that the proposal for Stone Boulder Mining of M/S Barin Kumar Majhi at Village – Patmahuliya, P.O.- Patmahuliya, P.S.- Ghatsila, District- East Singhbhum, Jharkhand (2.25 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

**VIII. Purtidighiya Stone Deposit of M/S Trustline Dealers Pvt Ltd at Village – Purtidighiya, P.O- Noamundi, District- West Singhbhum, Jharkhand (1.36 Ha).**

**Consultant- M/S ENV DAS India Pvt Ltd, Lucknow, RQP- Shri P.K. Sen**

This is a Stone Mining Project for having an area of 1.36 Ha [ Khata No.- 2, Plot No- 2319 (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 1.35 Crores and a provision of Rs 5.00 Lakhs will be kept for Environment management. The committee during meeting had asked PP to revise the same. PP

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had revised project cost is Rs 30.00 Lakhs and a provision of Rs 1.90 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 4,70,847 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	97,200 t
2 <sup>nd</sup> Year	:	97,200 t
3 <sup>rd</sup> Year	:	97,230 t
4 <sup>th</sup> Year	:	97,854 t
5 <sup>th</sup> Year	:	96,888 t

The daily production as per Form I is 324 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 recommends that the proposal for Purtidighiya Stone Deposit of M/S Trustline Dealers Pvt Ltd at Village – Purtidighiya, P.O- Noamundi, District- West Singhbhum, Jharkhand (1.36 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

**IX. Berwari Stone Deposit of Shri Rantha Mahli & Shri Ravi Shankar Sahu at Village- Berwari, Thana- Angara, District- Ranchi, Jharkhand. (0.81 Ha)**

**Consultant- M/S Enviro Consultants, RQP- Shri Ajay Shankar**

This is a Stone Mining Project for having an area of 0.81 Ha [Khata No.- 134, Plot No- 1320 (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 18.50 Lakhs and a provision of Rs 1.15 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

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Mineable Proved Reserve : 1,89,221 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	19,694 t
2 <sup>nd</sup> Year	:	19,661 t
3 <sup>rd</sup> Year	:	19,737 t
4 <sup>th</sup> Year	:	19,699 t
5 <sup>th</sup> Year	:	19,656 t

The daily average production based on 295 working days as per is 67 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 recommends that the proposal for Berwari Stone Deposit of Shri Rantha Mahli & Shri Ravi Shankar Sahu at Village- Berwari, Thana- Angara, District- Ranchi, Jharkhand. (0.81 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

**X. Saharpur Stone Deposit of M/S Lakshmi Stone Works at Village- Saharpur, Thana- Sikaripara, District- Dumka, Jharkhand. (2.299 Ha).**

**Consultant- M/S Enviro Consultants, RQP- Shri Ajay Shankar**

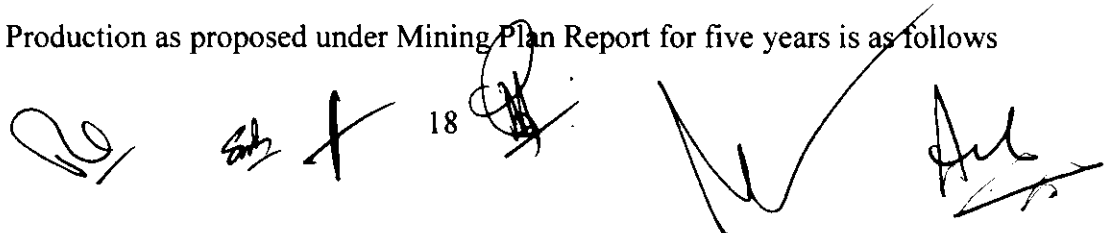
This is a Stone Mining Project for having an area of 2.099 Ha [Plot No- 103 (P), 104 (P), 105, 106, 108 & 109]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 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 18.50 Lakhs and a provision of Rs 2.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 14,88,966 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

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1 <sup>st</sup> Year	:	1,65,691 t
2 <sup>nd</sup> Year	:	1,33,267 t
3 <sup>rd</sup> Year	:	1,40,675 t
4 <sup>th</sup> Year	:	1,44,288 t
5 <sup>th</sup> Year	:	1,55,088 t

The daily production as per Form I is 500 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO (Cluster area 12.09 Acres i.e. 4.894 Ha). The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Saharpur Stone Deposit of M/S Lakshmi Stone Works at Village- Saharpur, Thana- Sikaripara, District- Dumka, Jharkhand. (2.299 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II**

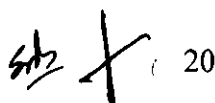
## **Annexure -II**

### **A. Specific Conditions**

1. That the proponent shall obtain approval of mining plan within 3 months from the approved persons / authority by the Deptt. of Mines & Geology, Govt. of Jharkhand from the date of grant of environmental clearance and the proponent shall be bound to comply the additional conditions framed by the Deptt. of Mines & Geology.
2. 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.
3. 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.
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.

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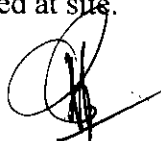
8. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease 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.

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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.

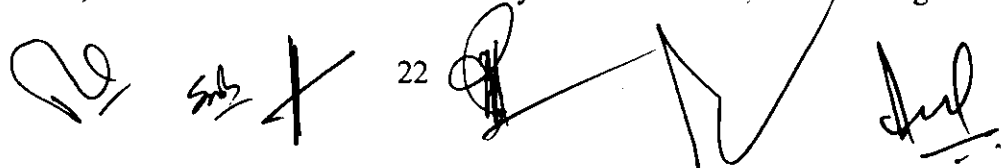
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10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental 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 Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their

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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.

### **Proposals related to Stone Mine (Renewal Project)**

#### **XI. Biswani Stone Mining Project of M/S Rafik Ansari at Mouza – Biswani, Thana- Mohanpur, Dist.- Deoghar, Jharkhand (1.34 Ha)**

**Consultant- M/S Green CIndia Consulting Pvt Ltd, NCR, Ghaziabad, UP, RQP- Shri B. Tirkey**

This is a Stone Mining Project for having an area of 1.34 Ha [Khata No.- 24, Plot No-738 & 743, Khata No.- 25, Plot No.- 742] . The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 16.05.2005 to 15.05.2015 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) 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 22.00 Lakhs and a provision of Rs 1.78 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

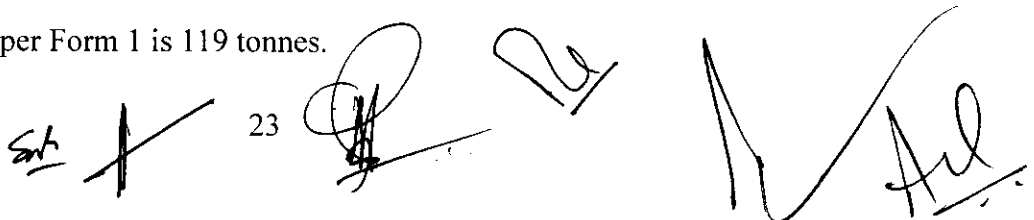
Mineable Proved Reserve : 2,76,782 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	40,897 t
2 <sup>nd</sup> Year	:	33,145 t
3 <sup>rd</sup> Year	:	40,144 t
4 <sup>th</sup> Year	:	36,790 t
5 <sup>th</sup> Year	:	27,540 t

The daily production as per Form 1 is 119 tonnes.

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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 recommends that the proposal for Biswani Stone Mining Project of M/S Rafik Ansari at Mouza – Biswani, Thana- Mohanpur, Dist.- Deoghar, Jharkhand (1.34 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III**

**XII. Stone Mining Project of M/S Chacha Bhatija Stone Works at Mouza – Kashila, Thana- Pakur, Dist.- Pakur, Jharkhand (1.74 Ha).**

**Consultant- M/S Green CIndia Consulting Pvt Ltd, NCR, Ghaziabad, UP,  
RQP- Dr. R.N. Singh**

This is a Stone Mining Project for having an area of 1.74 Ha [Survey No.- 15, Plot No- 941, 942, 947 to 949 & 1309 (P)]. It was verbally informed by PP that Khata No. and Survey No. are same. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 14.09.2010 to 10.09.2012.. 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 25.00 Lakhs and a provision of Rs 2.16 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

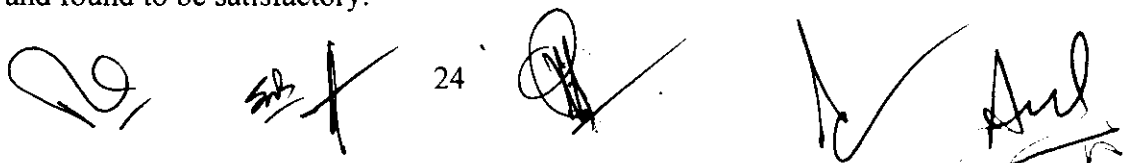
Mineable Proved Reserve : 6,74,996 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	35,668 t
2 <sup>nd</sup> Year	:	42,543 t
3 <sup>rd</sup> Year	:	45,650 t
4 <sup>th</sup> Year	:	44,990 t
5 <sup>th</sup> Year	:	46,615 t

The daily production as per Form 1 is 144 tonnes.

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

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Based on the presentation made and information provided the Committee recommends that the proposal for Stone Mining Project of M/S Chacha Bhatija Stone Works at Mouza – Kashila, Thana- Pakur, Dist.- Pakur, Jharkhand (1.74 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

**XIII. Basko Stone Mine of M/S Maa R.K. Construction at Village – Basko, P.O – Ghatiyari, Tehsil- Rajmahal, District- Sahibganj, Jharkhand (2.376 Ha).**

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

This is a Stone Mining Project for having an area of 2.376 Ha [Khata No.- 17, Plot No-1 (P), Khata No.- 1, Plot No.- 2 & 3 (P)] . The committee noted that as per Form I it is a proposal for renewal of existing mining lease for which PP is seeking EC. The lease was valid w.e.f. 15.10.2011 to 14.10.2021.. PP has approached JSPCB for grant of NOC which is pending due to non availability of 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 18.30 Lakhs and a provision of Rs 4.50 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 9,08,202 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	90,711 t
2 <sup>nd</sup> Year	:	90,888 t
3 <sup>rd</sup> Year	:	90,390 t
4 <sup>th</sup> Year	:	90,582 t
5 <sup>th</sup> Year	:	90,915 t

The daily production as per Form 1 is 300 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 recommends that the proposal for Basko Stone Mine of M/S Maa R.K. Construction at Village – Basko,**

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**P.O – Ghatiyari, Tehsil- Rajmahal, District- Sahibganj, Jharkhand (2.376 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III**

**XIV. Borna Stone Mine of M/S Rajan Stone Works at Village – Borna, P.O- Bishanpur, Tehsil- Pathna, District- Sahibganj, Jharkhand (1.89 Ha)**

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

This is a Stone Mining Project for having an area of 1.89 Ha [Khata No.- 37, Plot No-44 (P) & 49, Khata No.- 43, Plot No.- 45 & 46, Khata No.- 18, Plot No.- 47, 48, 51 & 52 (P), Khata No.- 70, Plot No.- 85 (P)] . The committee noted that as per Form I it is a proposal for renewal of mining lease with enhanced production for which PP is seeking EC. The lease was valid w.e.f. 29.08.2005 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) 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 17.25 Lakhs and a provision of Rs 3.75 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 6,48,480 t

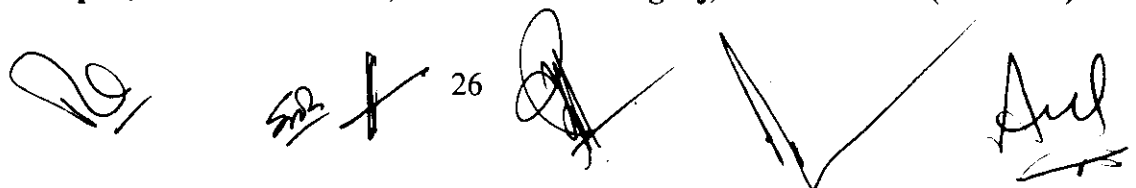
Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	75,000 t
2 <sup>nd</sup> Year	:	75,405 t
3 <sup>rd</sup> Year	:	75,123 t
4 <sup>th</sup> Year	:	75,042 t
5 <sup>th</sup> Year	:	75,120 t

The daily production as per Form I is 250 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 recommends that the proposal for Borna Stone Mine of M/S Rajan Stone Works at Village – Borna, P.O- Bishanpur, Tehsil- Pathna, District- Sahibganj, Jharkhand (1.89 Ha) be**

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recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

**XV. Gadaitungi & Chalpahar Stone Mine of M/S Swastik Mineral Agency at Village – Gadaitungi & Chalpahar, Tehsil- Taljhari, District- Sahibganj, Jharkhand (2.63 Ha)**

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

This is a Stone Mining Project for having an area of 2.63 Ha [Gadaitungi Khata No.- 39, Plot No-102 (P), Chalpahar Khata No.- 14, Plot No.- 2 (P)] . The committee noted that as per Form I it is a proposal for renewal of existing mining lease for which PP is seeking EC. The lease was valid w.e.f. 02.10.2011 for a period of 10 years.. PP informed that as per NGT order dated 13/01/2015 existing mines are also required to obtain EC as such he has approached for same. 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 15.30 Lakhs and a provision of Rs 5.50 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 11,61,842 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

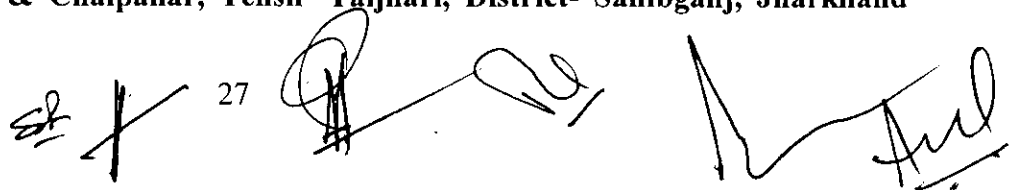
1 <sup>st</sup> Year	:	2,46,119 t
2 <sup>nd</sup> Year	:	2,46,775 t
3 <sup>rd</sup> Year	:	2,46,321 t
4 <sup>th</sup> Year	:	2,46,864 t
5 <sup>th</sup> Year	:	2,46,772 t

The daily production as per Form 1 is 800 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 recommends that the proposal for Gadaitungi & Chalpahar Stone Mine of M/S Swastik Mineral Agency at Village – Gadaitungi & Chalpahar, Tehsil- Taljhari, District- Sahibganj, Jharkhand**

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(2.63 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

**XVI. Domchanch Stone Mine of Sri Tarkeshwar Mehta at Village-Domchanch,, Thana- Koderma, District – Koderma, Jharkhand. (0.52 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, NCR, Ghaziabad, UP, RQP- Shri P.K. Sen**

This is a Stone Mining Project for having an area of 0.52 Ha [Khata No.- 1340, Plot No.- 8520] . The committee noted that as per Form I it is a proposal for renewal of existing mining lease for which PP is seeking EC. The lease was valid w.e.f. 10.05.2001 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) 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 25.00 Lakhs and a provision of Rs 1.15 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 22,297 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	2236 t
2 <sup>nd</sup> Year	:	2276 t
3 <sup>rd</sup> Year	:	2295 t
4 <sup>th</sup> Year	:	2273 t
5 <sup>th</sup> Year	:	2284 t

The daily production as per Form I is 8 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 recommends that the proposal for Domchanch Stone Mine of Sri Tarkeshwar Mehta at Village-Domchanch,, Thana- Koderma, District – Koderma, Jharkhand. (0.52 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III**

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### **Annexure - III**

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

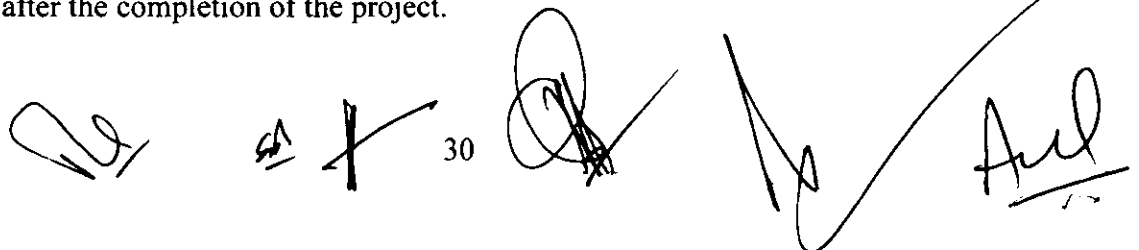
1. That the proponent shall obtain approval of mining plan within 3 months from the approved persons / authority by the Deptt. of Mines & Geology, Govt. of Jharkhand from the date of grant of environmental clearance and the proponent shall be bound to comply the additional conditions framed by the Deptt. of Mines & Geology.
2. 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.
3. 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.
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

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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.

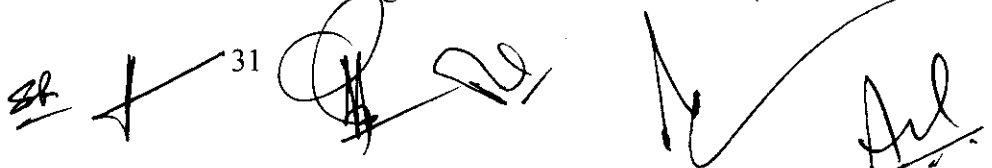
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25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
26. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand 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

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copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.

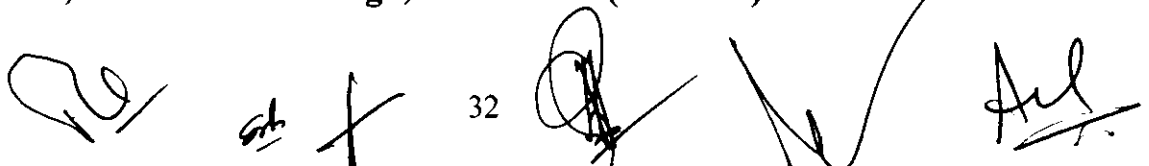
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. 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. 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.

**Proposals related to Stone Mine (New Project & Approved Mine Plan)**

**XVII. Makandu Stone Mine of M/S Sri Balaji Stone Trading Agency at Village – Makandu, District- Lohardaga, Jharkhand.( 3.64 Ha).**

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**Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Shri B.B. Lall**

This is a Stone Mining Project for having an area of 3.64 Ha [Khata No.- 128, Plot No- 1171 (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 40.00 Lakhs and a provision of Rs 0.91 lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

	Quartzite	Morrum	Stone	Morrum
Mineable Proved Reserve :	5,38,200 t	2,87,040 t	9,00,480 t	3,85,920 t

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

	Quartzite	Morrum	Stone	Morrum
1 <sup>st</sup> Year :	37,440 t	19,968 t	42,336 t	18,144 t
2 <sup>nd</sup> Year :	52,640 t	28,080 t	45,360 t	19,440 t
3 <sup>rd</sup> Year :	47,970 t	25,584 t	46,368 t	19,872 t
4 <sup>th</sup> Year :	42,120 t	22,464 t	48,384 t	20,736 t
5 <sup>th</sup> Year :	43,875 t	23,400 t	48,787 t	20,909 t

The daily production as per Form 1 is 435 tonnes Stone & Quartzite and 43 cum Morrum.

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 recommends that the proposal for Makandu Stone Mine of M/S Sri Balaji Stone Trading Agency at Village – Makandu, District- Lohardaga, Jharkhand.( 3.64 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – IV**

**XVIII. Munkeri Stone Deposit of M/S Mahadeo Construction Company at Village- Munkeri, Tehsil- Chhatarpur, District- Palamu, Jharkhand (4.654 Ha).**

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

This is a Stone Mining Project for having an area of 4.654 Ha [Khata No.- 218, Plot No- 2751 (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 57.09 Lakhs and a provision of Rs 18.90 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 44,26,851 t

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

1 <sup>st</sup> Year	:	4,50,090 t
2 <sup>nd</sup> Year	:	4,50,018 t
3 <sup>rd</sup> Year	:	4,50,021 t
4 <sup>th</sup> Year	:	4,50,048 t
5 <sup>th</sup> Year	:	4,50,012 t

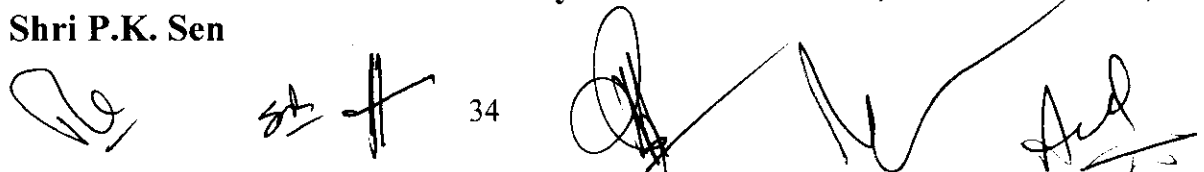
The daily production as per Form 1 is 1500 tonnes.

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 recommends that the proposal for Munkeri Stone Deposit of M/S Mahadeo Construction Company at Village- Munkeri, Tehsil- Chhatarpur, District- Palamu, Jharkhand (4.654 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – IV**

**XIX. Munkeri Stone Deposit of Shri Anoop Kumar Singh at Village – Munkeri, Tehsil- Chhatarpur, District- Palamu, Jharkhand (2.73 Ha).**

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

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This is a Stone Mining Project for having an area of 2.73 Ha [Khata No.- 218, Plot No- 110] . 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 41.58 Lakhs and a provision of Rs 12.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 26,48,757 t

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

1 <sup>st</sup> Year	:	2,80,461 t
2 <sup>nd</sup> Year	:	2,80,494 t
3 <sup>rd</sup> Year	:	2,80,476 t
4 <sup>th</sup> Year	:	2,80,488 t
5 <sup>th</sup> Year	:	2,80,530 t

The daily production as per Form 1 is 935 tonnes.

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

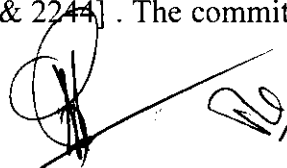
**Based on the presentation made and information provided, the Committee recommends that the proposal for Munkeri Stone Deposit of Shri Anoop Kumar Singh at Village – Munkeri, Tehsil- Chhatarpur, District- Palamu, Jharkhand (2.73 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – IV**

**XX. Bhadudih Stone Mine of M/S Harelal Construction Company at Village- Bhadudih, Tehsil- Chandil, District- Saraikela- Kharsawan, Jharkhand (1.90 Ha)**

**Consultant- M/S Visiontek Consultancy Services Pvt Ltd, Bhubaneshwar, RQP- Shri B. Tirkey**

This is a Stone Mining Project for having an area of 1.90 Ha [Khata No.- 375, Plot No.- 2242, Khata No.- 430, Plot No- 2261 (P), 2241, 2243 & 2244] . The committee noted that as per Form

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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 24.75 Lakhs and a provision of Rs 5.80 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 4,71,205 t

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

1 <sup>st</sup> Year	:	1,08,184 t
2 <sup>nd</sup> Year	:	96,665 t
3 <sup>rd</sup> Year	:	85,730 t
4 <sup>th</sup> Year	:	75,379 t
5 <sup>th</sup> Year	:	65,610 t

The daily production as per Form 1 is 361 tonnes.

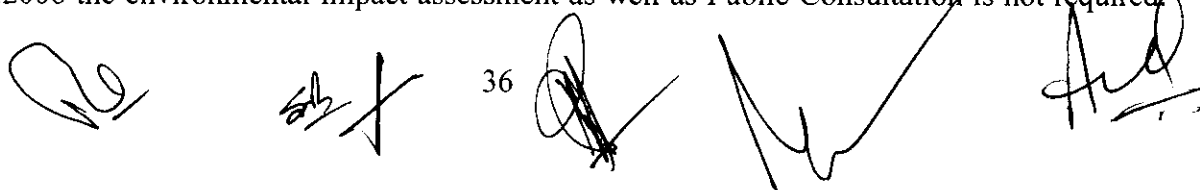
PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided, the Committee recommends that the proposal for Bhadudih Stone Mine of M/S Harelal Construction Company at Village- Bhadudih, Tehsil- Chandil, District- Saraikela- Kharsawan, Jharkhand (1.90 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – IV**

**XXI. Lodhya Stone Deposit of Shri Alok Kumar Dengi at Village – Lodhya, Thana- Pratappur, Dist.- Chatra, Jharkhand (1.21 Ha)**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, NCR, Ghaziabad, UP,  
RQP- Shri P.K. Sen**

This is a Stone Mining Project for having an area of 1.21 Ha [Khata No.- 21, Plot No- 118 (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.

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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 30.00 Lakhs and a provision of Rs 1.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 4,35,231 t

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

1 <sup>st</sup> Year	:	43,974 t
2 <sup>nd</sup> Year	:	43,956 t
3 <sup>rd</sup> Year	:	43,983 t
4 <sup>th</sup> Year	:	43,950 t
5 <sup>th</sup> Year	:	43,986 t

The daily production as per Form 1 is 147 tonnes.

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

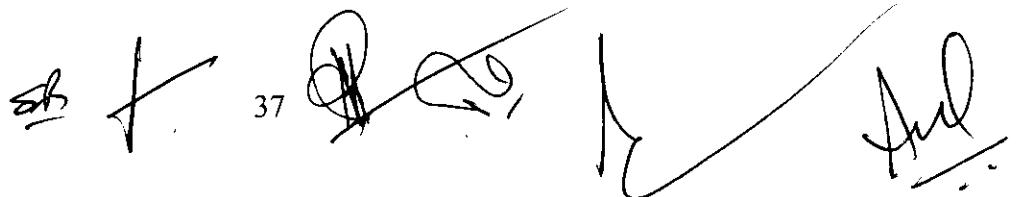
**Based on the presentation made and information provided, the Committee recommends that the proposal for Lodhya Stone Deposit of Shri Alok Kumar Dengi at Village – Lodhya, Thana- Pratappur, District- Chatra, Jharkhand (1.21 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – IV**

**XXII. Uday Stone & Morrum Mine of Shri Uday Kumar Singh at Mouza - Kurmipur, Thana & Block - Husenabad, District - Palamu, Jharkhand (4.856 Ha).**

**Consultant- M/S Apex Mintech Consultants, Udaypur, Rajasthan, RQP- Dr. Amarjeet Kumar Singh**

This is a Stone Mining Project for having an area of 4.856 Ha [Khata No.- 441, Plot No- 2418] . 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

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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 46.00 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 : 27,51,404 t

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

	Stone	Morrum
1 <sup>st</sup> Year	: 3,79,200 t	1,89,600 t
2 <sup>nd</sup> Year	: 3,79,200 t	94,800 t
3 <sup>rd</sup> Year	: 3,79,600 t	Nil
4 <sup>th</sup> Year	: 3,79,200 t	Nil
5 <sup>th</sup> Year	: 3,79,200 t	Nil

The daily production as per Form 1 is 1264 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 recommends that the proposal for Uday Stone & Morrum Mine of Shri Uday Kumar Singh at Mouza - Kurmipur, Thana & Block - Husenabad, District - Palamu, Jharkhand (4.856 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – IV**

#### **Annexure -IV**

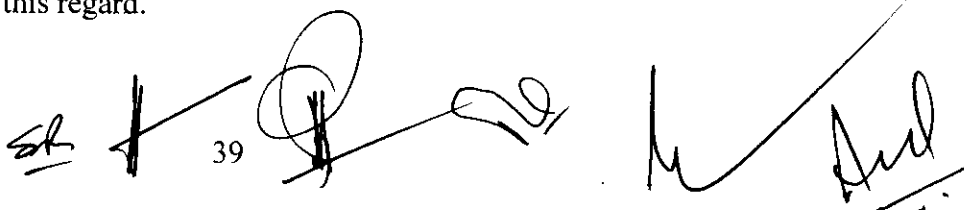
##### **A. Specific Conditions**

1. The environmental clearance is subject to grant 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. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.

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4. 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.
5. 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.
6. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.

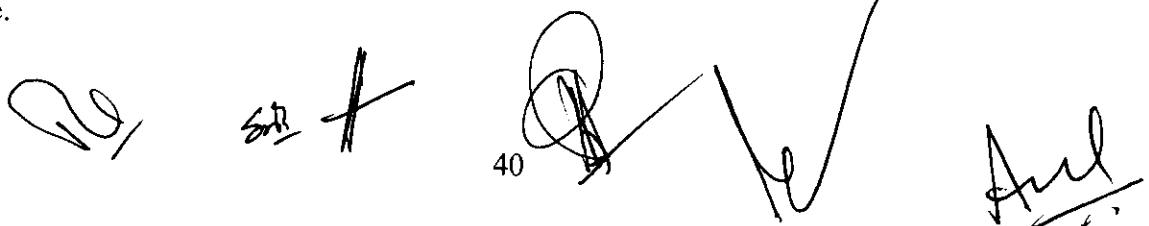
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14. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
15. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
16. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
17. 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.
18. 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.
19. Drills shall either be operated with the dust extractors or equipped with water injection system.
20. 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.
21. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
22. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
23. 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.
24. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
25. 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.
26. 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.

The bottom of the page features several handwritten signatures and initials in black ink. From left to right, there is a signature that appears to be 'S. S.', followed by a signature that looks like 'S. S.', then a signature that is partially obscured by the page number '40'. To the right of '40' is a large, stylized signature, and further right is another signature that appears to be 'A. S.'.



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

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,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 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.

**Proposals related to River Sand Mine**

**XXIII. Sand Deposit of the Bank of Subarnrekha & Kharkai River (Block- 1) of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, District- East Singhbhum, Jharkhand (1.312 Ha).**

**Consultant- M/S Safe Environment, Singhbhum East, RQP- Dr. G.S. Jaiswal**

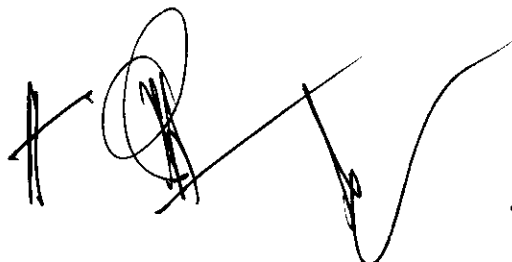
This is a Sand Mining Project for having an area of 1.312 Ha [Plot No-01]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office 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.

This plot forms a part of mine lease in which there are 4 (four) blocks. The allotment was made by Jamshedpur Notified Area committee vide letter no.- 1742, dated – 19.09.2013. This has been also indicated in DMO's letter no.- 1699, dated – 26.05.2015. The size of blocks are as follows:

1. Block- 1 - 1.312 Ha
2. Block- 2 - 2.134 Ha



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### 3. Block- 3 & 4 - 2.218 Ha (Cluster)

This proposal is for Block-1

The proposed estimated reserve for the mine is 67487 cum and for block-1 is 19500 cum and annual production capacity as per Form I has been indicated as 19500 cum per annum. This has been based on the premise that the quantity will be replenished during monsoon.

The project was reviewed in light of <sup>amended</sup> 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 for all blocks has been indicated Rs 6.75 Crores and a provision of Rs 2.35 Lakhs has been indicated for Environment management.

PP has submitted all information as desired by committee. PP has submitted an undertaking that the desired informations from DFO could not be obtained. In lieu he has submitted data generated / information collected by their consultant. Regarding replishment of sand PP has submitted settlement rates (as per CWC Report) during presentation. PP has also submitted an affidavit wherein he has mentioned that in case of default the grant EC would be withdrawn.

In allotment letter no.- 2082 issued by DMO dated 23.09.2013 the distance of sand mining has to be kept as 50 m away from Bridge, Dam, Cremation Ground, Intake well. As per SEIAA guidelines the distance of sand mining from intake well and bridge has to be kept as 500 m. The same has been mentioned under EC conditions. We are following the Annexure I & II of brick earth / ordinary earth mining. PP has also through Affidavit clarified CO's letter no.- 2226, dated- 22.10.2013

**Based on the presentation made and information provided the Committee recommends that the proposal for Sand Deposit of the Bank of Kharkai River (Block- 1) of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, District- East Singhbhum, Jharkhand (1.312 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure VI.**

#### **XXIV. Sand Deposit of the Bank of Kharkai River (Block- 3 & 4) of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, District- East Singhbhum, Jharkhand (2.218 Ha).**

**Consultant- M/S Safe Environment, Singhbhum East, RQP- Dr. G.S. Jaiswal**

This is a Sand Mining Project for having an area of 2.218 Ha [Plot No-01]. 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 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.

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This plot forms a part of mine lease in which there are 4 (four) blocks. The allotment was made by Jamshedpur Notified Area committee vide letter no.- 1742, dated – 19.09.2013. This has been also indicated in DMO's letter no.- 1699, dated – 26.05.2015. The size of blocks are as follows:

1. Block- 1 - 1.312 Ha
2. Block- 2 - 2.134 Ha
4. Block- 3 & 4 - 2.218 Ha (Cluster)

This proposal is for Block- 3 & 4

The proposed estimated reserve for the mine is 67487 cum and for block – 3 & 4 is 9593 cum and annual production capacity as per Form I has been indicated as 9593 cum per annum. This has been based on the premise that the quantity will be replenished during monsoon.

The project was reviewed in light of <sup>operated</sup> 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 for all blocks has been indicated Rs 6.75 Crores and a provision of Rs 2.35 Lakhs has been indicated for Environment management.

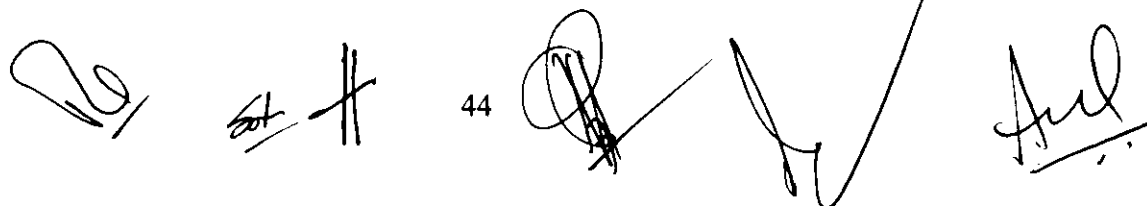
PP has submitted all information as desired by committee. PP has submitted an undertaking that the desired informations from DFO could not be obtained. In lieu he has submitted data generated / information collected by their consultant. Regarding replishment of sand PP has submitted settlement rates (as per CWC Report) during presentation. PP has also submitted an affidavit wherein he has mentioned that in case of default the grant EC would be withdrawn.

In allotment letter no.- 2082 issued by DMO dated 23.09.2013 the distance of sand mining has to be kept as 50 m away from Bridge, Dam, Cremation Ground, Intake well. As per SEIAA guidelines the distance of sand mining from intake well and bridge has to be kept as 500 m. The same has been mentioned under EC conditions. We are following the Annexure I & II of brick earth / ordinary earth mining. PP has also through Affidavit clarified CO's letter no.- 2226, dated- 22.10.2013

**Based on the presentation made and information provided the Committee recommends that the proposal for Sand Deposit of the Bank of Kharkai River (Block- 3 & 4) of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, District- East Singhbhum, Jharkhand (2.218 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure VI.**

**XXV. Sand Deposit of the Bank of Subarnrekha & Kharkai River (Block- 2) of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, District- East Singhbhum, Jharkhand (2.134 Ha).**

**Consultant- M/S Safe Environment, Singhbhum East, RQP- Dr. G.S. Jaiswal**

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This is a Sand Mining Project for having an area of 2.134 Ha [Plot No-01]. 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 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.

This plot forms a part of mine lease in which 4 have been allotted blocks. The allotment was made by Jamshedpur Notified Area committee vide letter no.- 1742, dated - 19.09.2013. This has been also indicated in DMO's letter no.- 1699, dated - 26.05.2015. The size of blocks are as follows:

1. Block- 1 - 1.312 Ha
2. Block- 2 - 2.134 Ha
5. Block- 3 & 4 - 2.218 Ha(Cluster)

This proposal is for Block -2

The proposed estimated reserve for the mine is 67487 cum and for block-2 is 38394 cum and annual production capacity as per Form I has been indicated as 38394 cum per annum. This has been based on the premise that the quantity will be replenished during monsoon.

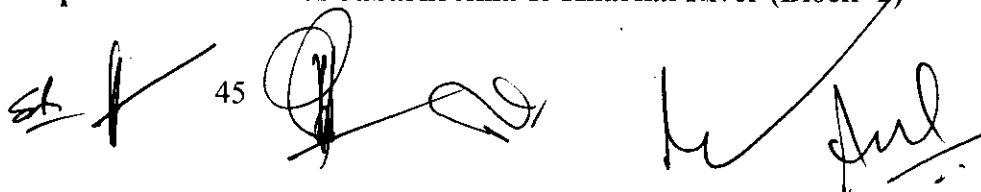
The project was reviewed in light of <sup>amended</sup> 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, 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 for all blocks has been indicated Rs 6.75 Crores and a provision of Rs 2.35 Lakhs has been indicated for Environment management.

PP has submitted all information as desired by committee. PP has submitted an undertaking that the desired informations from DFO could not be obtained. In lieu he has submitted data generated / information collected by their consultant. Regarding replishment of sand PP has submitted settlement rates (as per CWC Report) during presentation. PP has also submitted an affidavit wherein he has mentioned that in case of default the grant EC would be withdrawn.

In allotment letter no.- 2082 issued by DMO dated 23.09.2013 the distance of sand mining has to be kept as 50 m away from Bridge, Dam, Cremation Ground, Intake well. As per SEIAA guidelines the distance of sand mining from intake well and bridge has to be kept as 500 m. The same has been mentioned under EC conditions. We are following the Annexure I & II of brick earth / ordinary earth mining. PP has also through Affidavit clarified CO's letter no.- 2226, dated- 22.10.2013

**Based on the presentation made and information provided the Committee recommends that the proposal for Sand Deposit of the Bank of Subarnrekha & Kharkai River (Block- 2)**

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**of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, District- East Singhbhum, Jharkhand (2.134 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure VI.**

## **Annexure VI**



### **A. Specific Conditions**

1. The Environmental clearance is subject to grant of Mining Lease and will be co-terminus with the mining lease period. PP has to get the Mine Plan approved from the concerned authorities within 3 months from grant of EC.
2. The mining work will be open-cast and exclusively manual. No mechanical work or drilling / blasting should be involved at any stage.
3. 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. The mining is confined to extraction of sand from the river bed only.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. Project falling within 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.
10. Natural /customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.

11. 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.
12. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
13. 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).
14. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
15. 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.
16. 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.
17. 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.
18. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
19. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
20. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
21. 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.
22. That the proponent shall obtain approval of mining plan within 3 months from the committee constituted by the Deptt. of Mines & Geology, Govt. of Jharkhand from the date of grant of environmental clearance and the proponent shall be bound to comply the additional conditions framed by the Deptt. of Mines & Geology.
23. 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. 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.

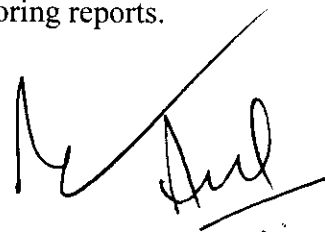
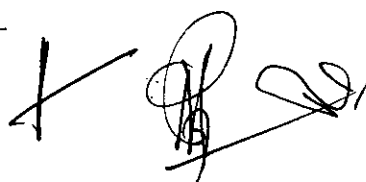
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2. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated 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 RO, 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 RO, 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.

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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.
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 Board.
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) or at least Rs 1 per ton whichever is higher.
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.


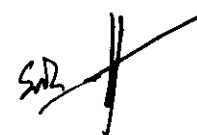




29. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional 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> ,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.
31. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / 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.

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

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**1. Chapande Stone Mine of M/S Dokania Stone Works at Village – Chapande, P.S – Ranga, Dist.- Sahibganj, Jharkhand (3.237 Ha).**

**Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Shri B.B. Lall**

This is a Stone Mining Project for having an area of 3.237 Ha [Plot No- 190 (P), 191 to 193, 195 (P), 201, 205, & 206]. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 28.11.2001 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) 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 22.00 Lakhs and a provision of Rs 1.15 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 20,06,750 t

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

1 <sup>st</sup> Year	:	1,64,450 t
2 <sup>nd</sup> Year	:	1,69,625 t
3 <sup>rd</sup> Year	:	1,67,900 t
4 <sup>th</sup> Year	:	1,71,350 t
5 <sup>th</sup> Year	:	1,75,950 t

The daily average production based on 230 working days as per is 700 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit

1. Revised Pre Feasibility Report.
2. Certificate from DMO regarding previous 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.**

**2. Stone Mine at Dhab Salonia of Shri Parmeshwar Gope at Village- Dhab Salonia, P.O.- Barhi, Thana - Chuaparan, District- Haziribagh , Jharkhand (0.502 Ha)**

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**Consultant- M/S Pollution & Ecology Control Services, Nagpur, RQP- Shri N.K. Sanyal**

This is a Stone Mining Project for having an area of 0.52 Ha [Khata No.- 20, Plot No- 3]. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 01.09.2002 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) 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 25.00 Lakhs and a provision of Rs 1.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,38,431 t

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

1 <sup>st</sup> Year	:	8100 t
2 <sup>nd</sup> Year	:	8121 t
3 <sup>rd</sup> Year	:	8100 t
4 <sup>th</sup> Year	:	8157 t
5 <sup>th</sup> Year	:	8109 t

The daily production as per Form I is 27 tonnes.

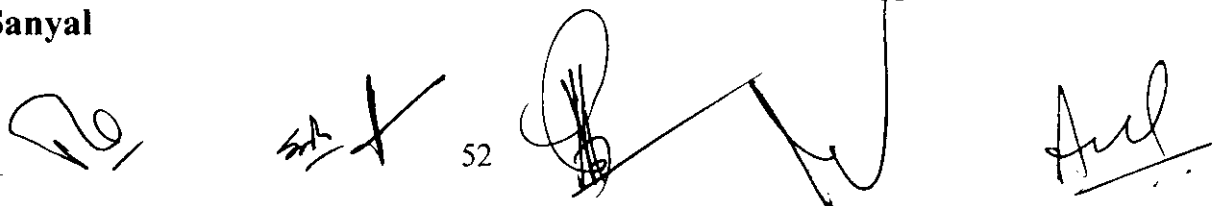
PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit

1. Revised Form- I & Pre Feasibility Report.
2. Green Belt developed in Mine area / other area.
3. Certificate from DMO regarding previous 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.**

**3. Stone Quarry at Churchu of Shri Dilip Kumar at Village- Churchu, P.O.- Ichak, Thana- Sadar, District- Hazaribagh, Jharkhand.(0.41 Ha)**

**Consultant- M/S Pollution & Ecology Control Services, Nagpur, RQP- Shri N.K. Sanyal**

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This is a Stone Mining Project for having an area of 0.41 Ha [Plot No- 3 & 4]. 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 25.00 lakhs and a provision of Rs 1.00 lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,44,312 t

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

1 <sup>st</sup> Year	:	7500 t
2 <sup>nd</sup> Year	:	7503 t
3 <sup>rd</sup> Year	:	7500 t
4 <sup>th</sup> Year	:	7500 t
5 <sup>th</sup> Year	:	7491 t

The daily production as per Form 1 is 25 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit revised Form-I & Pre Feasibility Report.

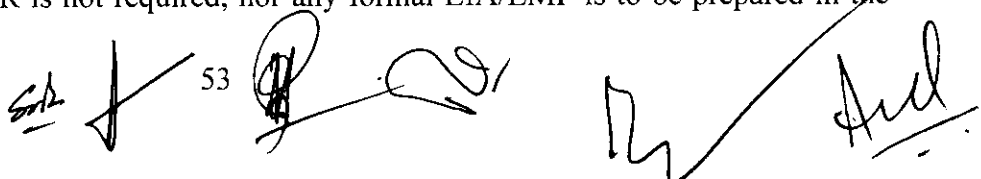
**Once the PP provides the information SEAC will, after examining the same, will refer the matter to SEIAA for consideration for further action.**

**4. Stone Mining Project of M/S Hiralal Bhakat at Village- Kanupur, Thana- Pakur, District- Pakur, Jharkhand (4.72 Ha)**

**Consultant M/S Green CIndia Consulting Pvt Ltd, NCR, Ghaziabad, UP, RQP- Dr. R.N. Singh**

This is a Stone Mining Project for having an area of 4.72 Ha [Khata No.- 98, Plot No- 200, 201, 215, 219 (P) to 223 (P)] . The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 30.08.2000 for a period of 10 years.. Considering the fact that it is B2 Category 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

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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 25.00 Lakhs and a provision of Rs 1.74 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 18,18,728 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	19,250 t
2 <sup>nd</sup> Year	:	28,686 t
3 <sup>rd</sup> Year	:	32,915 t
4 <sup>th</sup> Year	:	36,632 t
5 <sup>th</sup> Year	:	38,788 t

The daily production as per Form I is 116 tonnes.

The PP has submitted certificate from CO, DFO and DMO. PP was also asked to submit Approved Mine Plan.

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

**5. Salbona Pahar Stone Mining of M/S Umanand Singh & Partner at Village – Salbona Pahar, Thana-Shikaripara, Dist.- Dumka, Jharkhand (2.43 Ha)**

The PP submitted certificate from CO, DFO and DMO. This is a case of violation due to increase in production after 2012. SEIAA is requested to write to the Deptt. of Forests & Environment, Government of Jharkhand / JSPCB to take credible action under EP Act for the above violation.

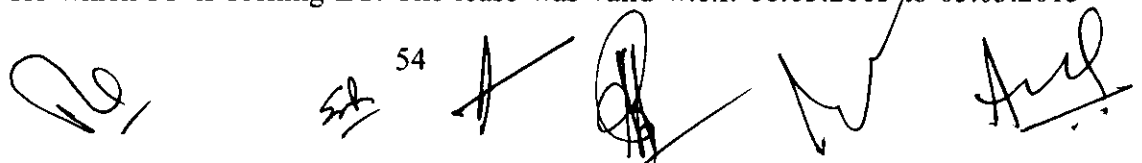
**Once credible action is taken by the State Government, SEAC will, after considering the same, will refer the matter to SEIAA for consideration for further action.**

**6. Kodaiya Stone Mine of M/S Jagdamba Stone Chips at Village- Kodaiya, Tehsil Giridih, District- Giridih, Jharkhand. (1.012 Ha)**

**Consultant- M/S Crystal Consultants, RQP- Shri B. Tirkey**

This is a Stone Mining Project for having an area of 1.012 Ha [Khata No.- 2, 10 & 12, Plot No.- 142 to 156, 25, 203 (P)] . The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 06.03.2005 to 05.03.2015

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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) 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 15.00 Lakhs and a provision of Rs 3.75 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 5,04,168 t

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

1 <sup>st</sup> Year	:	50,544 t
2 <sup>nd</sup> Year	:	63,936 t
3 <sup>rd</sup> Year	:	55,944 t
4 <sup>th</sup> Year	:	51,408 t
5 <sup>th</sup> Year	:	43,524 t

The daily production as per Form 1 is 213 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. It was observed from the note of DFO that the distance from Forest Land has been indicated as 30 meter. While preparing mine plan a minimum distance of 50 meter has to be kept from Forest Boundary. PP was also asked to submit revised Approved Mine Plan.

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

**7. Sand Mining Project of M/S Rakesh Kumar Agarwal at Mouza- Benashol, Thana No.- 100, P.O. + P.S. - Ghatsila, District- East Singhbhum, Jharkhand (1.76 Ha)**

The PP was asked to submit additional information

1. Revised Form- I, Pre Feasibility Report & Mine Plan.
2. Certificate from DMO regarding contiguous patch.
3. Certificate from DFO.

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*[Handwritten signatures and initials]*

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

**8. Bandua Stone Deposit of M/S Prakhar Vyapar Pvt. Ltd. at Village - Bandua, Tehsil - Rajnagar, Dist.- Saraikela-Kharsawan, Jharkhand (4.93 Ha)**

**Consultant- M/S Safe Environment, Singhbhum East, RQP- Dr. G.S. Jaiswal**

This is a Stone Mining Project for having an area of 4.93 Ha [ Khata No.- 192, Plot No- 1324 (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 30.00 Lakhs and a provision of Rs 4.20 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 32,04,160 t

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

1 <sup>st</sup> Year	:	2,00,000 t
2 <sup>nd</sup> Year	:	3,00,017 t
3 <sup>rd</sup> Year	:	3,50,007 t
4 <sup>th</sup> Year	:	3,50,004 t
5 <sup>th</sup> Year	:	3,50,008 t

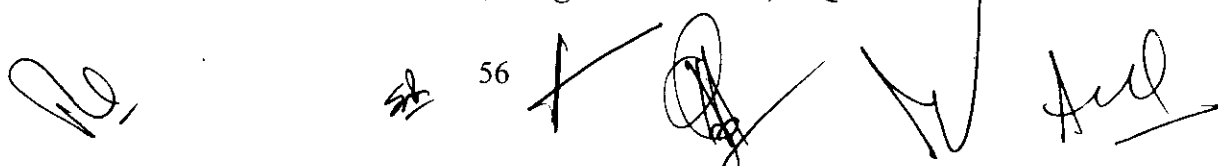
The daily average production based on 300 working days as per is 1167 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit revised Form- I & Pre Feasibility Report.

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

**9. Rawankocha Stone Deposit of M/S Shaligram Infrastructure Pvt. Ltd at Village – Rawankocha, Tehsil- Rajnagar, District- Saraikela-Kharsawan, Jharkhand (2.12 Ha)**

**Consultant- M/S Safe Environment, Singhbhum East, RQP- Dr. G.S. Jaiswal**

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This is a Stone Mining Project for having an area of 2.12 Ha [ Khata No.- 56, Plot No- 491 (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 20.50 Lakhs and a provision of Rs 3.86 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 4,42,837 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	30,000 t
2 <sup>nd</sup> Year	:	1,20,000 t
3 <sup>rd</sup> Year	:	1,50,000 t
4 <sup>th</sup> Year	:	1,67,263 t
5 <sup>th</sup> Year	:	1,60,549 t

The daily production as per Form I is 557 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit revised Form- I & Pre Feasibility Report.

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

**10.Goglo Sand Mine Project of M/S Adibasi Welfare Society at Village – Goglo, Nutangarh, P.O+ Thana- Mohishol, Dhalbhumgarh, Dist.- East Singhbhum, Jharkhand (8.033 Ha).**

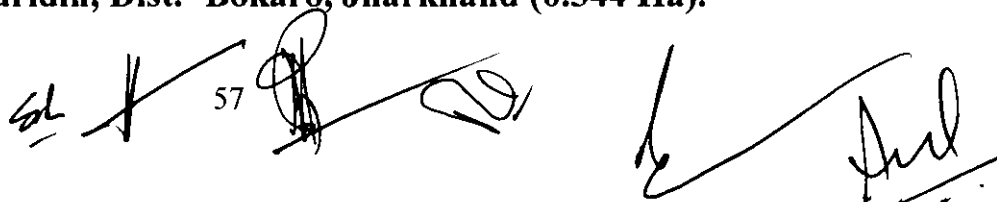
The PP was asked to submit additional information

1. Revised Form- I, Pre Feasibility Report & Mine Plan.
2. NOC from Gram Sabha / Allotment

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

**11.Balrampur Stone Mine of Shri Dharendra Kumar Mahto at Village – Balrampur, Thana- Jaridih, Dist.- Bokaro, Jharkhand (0.344 Ha).**

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The PP submitted certificate from CO, DFO and DMO. This is a case of violation due to increase in production after 2012. SEIAA is requested to write to the Deptt. of Forests & Environment, Government of Jharkhand / JSPCB to take credible action under EP Act for the above violation.

**Once credible action is taken by the State Government, SEAC will, after considering the same, will refer the matter to SEIAA for consideration for further action.**

**12. Khelari Sai Stone Mine of Md. Mustafa Ansari at Village- Khelari Sai, P.S- Kharswan, Dist.- Saraikela- Kharsawan, Jharkhand. (0.607 Ha).**

The PP submitted certificate from CO, DFO and DMO. This is a case of violation due to increase in production after 2012. SEIAA is requested to write to the Deptt. of Forests & Environment, Government of Jharkhand / JSPCB to take credible action under EP Act for the above violation.

**Once credible action is taken by the State Government, SEAC will, after considering the same, will refer the matter to SEIAA for consideration for further action.**

**13. Amainagar Stone Deposit of M/S J. J. Industries at Village – Amainagar, Thana - Chandankyari, District- Bokaro, Jharkhand (1.82 Ha).**

**Consultant- M/S Ascenso Management and Consulting Services Pvt Ltd, Noida, U.P, RQP- Sri Ajay Shankar**

This is a Stone Mining Project for having an area of 1.82 Ha [ Khata No.- 141, Plot No- 1504 (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 18.00 Lakhs and a provision of Rs 1.62 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 6,45,678 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	65,435 t
2 <sup>nd</sup> Year	:	65,405 t
3 <sup>rd</sup> Year	:	65,362 t
4 <sup>th</sup> Year	:	65,408 t

5<sup>th</sup> Year : 65,459 t

The daily production as per Form I is 218 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit revised Form- I & Pre Feasibility Report.

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

**14. Karaundajore Stone Deposit of Shri Hemant Kumar Ohdar at Village – Karaundajore, Thana - Gumla, District- Gumla, Jharkhand (2.83 Ha).**

**Consultant- M/S Ascenso Management and Consulting Services Pvt Ltd, Noida, U.P, RQP- Sri D.P. Choudhary**

This is a Stone Mining Project for having an area of 2.83 Ha [ Khata No.- 167, Plot No- 2147 (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 19.50 Lakhs and a provision of Rs 1.47 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 7,18,519 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	75,465 t
2 <sup>nd</sup> Year	:	75,600 t
3 <sup>rd</sup> Year	:	75,411 t
4 <sup>th</sup> Year	:	75,587 t
5 <sup>th</sup> Year	:	75,665 t

The daily production as per Form I is 252 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit revised Form- I & Pre Feasibility Report.

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

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**15.Parasbani Stone Mine of Shri Sanjay Kumar Suman at Village – Parasbani, Thana - Birni, Dist.- Giridih, Jharkhand (0.41 Ha).**

**Consultant- M/S Ascenso Management and Consulting Services Pvt Ltd, Noida, U.P, RQP- Sri D.P. Choudhary**

This is a Stone Mining Project for having an area of 0.41 Ha [ Khata No.- 09, Plot No- 120 & 121]. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 04.09.2003 to 03.09.2013 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) 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 12.30 Lakhs and a provision of Rs 1.37 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 60,000 t

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

1 <sup>st</sup> Year	:	6060 t
2 <sup>nd</sup> Year	:	6000 t
3 <sup>rd</sup> Year	:	6060 t
4 <sup>th</sup> Year	:	6000 t
5 <sup>th</sup> Year	:	5940 t

The daily production as per Form I is 252 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit revised Form- I & Pre Feasibility Report.

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

**16.Brick Clay Mining for M/s PK Pramanik Bricks at Mauza- Parasbahal, P.O.- Karaikela, District- West Singhbhum, Jharkhand (0.639 Ha)**

**Consultant – ENV DAS India Pvt. Ltd., Lucknow**

The bottom of the page features five handwritten signatures or initials in black ink, arranged horizontally. The first is a stylized 'P', the second is a cross-like mark, the third is a signature with a circular flourish, the fourth is a large 'N' or 'W' shape, and the fifth is a signature that appears to be 'Aul'.

This is a Brick Clay Mining Project for having an area of 0.639 Ha [Khata No.- 88, Plot No- 199, 201, 202 & 213, Khata No.- 26, Plot No- 200]. 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 39.00 Lakhs and a provision of Rs 1.00 Lakhs will be kept for Environment management.

The proposed annual production capacity as per Form I has been indicated as 1584 m<sup>3</sup>.

PP was also asked to submit certificate from DMO regarding 500 meter distance of contiguous patch.

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

**17. Brick Clay Mining for M/s PK Pramanik Bricks at Mauza- Kashipur, P.O.- Kera, PS- Chakradharpur, District- West Singhbhum, Jharkhand (0.95 Ha).**

**Consultant – ENV DAS India Pvt. Ltd., Lucknow**

This is a Brick Clay Mining Project for having an area of 0.95 Ha [Khata No.- 291, Plot No- 168]. 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

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any major impact on the surroundings. The indicated project cost is Rs 41.00 Lakhs and a provision of Rs 2.05 Lakhs will be kept for Environment management.

The proposed annual production capacity as per Form I has been indicated as 1584 m<sup>3</sup>.

PP was asked to submit certificate from DMO regarding 500 meter distance of contiguous patch.

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

**18. Udiya Stone Deposit of Shri Rajesh Kumar at Village – Udiya, P.O-Patamda, District- East Singhbhum, Jharkhand (0.93 Ha).**

**Consultant- M/S ENV DAS India Pvt Ltd, Lucknow, RQP- Shri P.K. Sen**

This is a Stone Mining Project for having an area of 0.93 Ha [ Khata No.- 624, Plot No- 4275 (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 1.09 Crores and a provision of Rs 5.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

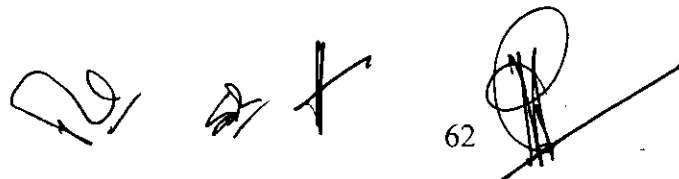
Mineable Proved Reserve : 3,29,721 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	33,810 t
2 <sup>nd</sup> Year	:	33,402 t
3 <sup>rd</sup> Year	:	33,324 t
4 <sup>th</sup> Year	:	33,513 t
5 <sup>th</sup> Year	:	33,213 t

The daily production as per Form I is 113 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO in which the area of mining lease do not match. PP was also asked to submit revised certificates.

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

**19. Stone Boulder Mining of M/S Vivek Kumar Singh at Village – Chilgu, P.O.- Chandil, District- Saraikela Kharsawan, Jharkhand (2.15 Ha).**

**Consultant- M/S ENV DAS India Pvt Ltd, Lucknow, RQP- Shri P.K. Sen**

This is a Stone Mining Project for having an area of 2.15 Ha [Khata No.- 87, 104, 130, Plot No.- 804 (P), 842 (P), 829 to 831, 843 & 844] . The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 15.05.2010 to 14.05.2015 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) 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 1.09 Crores and a provision of Rs 5.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan Report are

Mineable Proved Reserve : 4,95,725 t

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

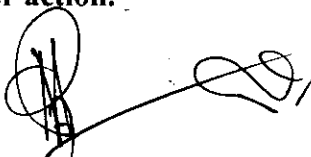
1 <sup>st</sup> Year	:	50,101 t
2 <sup>nd</sup> Year	:	52,315 t
3 <sup>rd</sup> Year	:	50,072 t
4 <sup>th</sup> Year	:	51,557 t
5 <sup>th</sup> Year	:	52,464 t

The daily production as per Form 1 is 200 tonnes.

The application EC was made considering 2.15 Ha. however the approved mine plan submitted after meeting held on 27<sup>th</sup> to 30<sup>th</sup> April, 2015 shows an area of 2.03 Ha. PP has applied to DMO stating that area of mining lease be reduced from 2.15 Ha to 2.03 Ha due technical reason. PP is to explain the change to SEAC.

PP has submitted certificates from Circle Officer, DFO & DMO.

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

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**20.Chhota Damin Bhita Stone Mine of M/S C.T.S Industries Ltd at Village – Chhota Damin Bhita, Tehsil - Mirzachowki, District- Sahibganj, Jharkhand (4.998 Ha)**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, NCR, Ghaziabad, UP, RQP- Shri P.K. Sen**

This is a Stone Mining Project for having an area of 4.998 Ha [Khata No.- 35, Plot No.- 04, Khata No.- 31. Plot No.- 26 (P) Khata No.- 16, Plot No.- 07] . The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 21.10.2010 to 20.10.2017 for a period of 07 years. The lessee (M/S Joyshri Stone Works) has been transfer the mining lease to M/S CTS Industries Ltd, Kolkata – 700017 on 06.08.2012 for lease period from 06.08.2012 to 20.10.2017.. 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 50.00 Lakhs and a provision of Rs 2.70 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 19,94,444 t

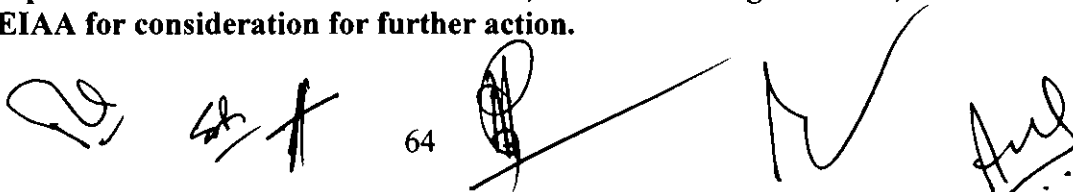
Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	2,00,658 t
2 <sup>nd</sup> Year	:	2,01,393 t
3 <sup>rd</sup> Year	:	2,01,301 t
4 <sup>th</sup> Year	:	2,04,714 t
5 <sup>th</sup> Year	:	2,00,378 t

The daily production as per Form 1 is 682 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit certificate from DMO regarding previous production details.

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

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**21. Jonkmari Stone Mine of M/S Karan Stone Works at Village – Jonkmari, Thana- Borio (Jirwabari), Dist.- Sahibganj, Jharkhand (2.024 Ha)**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, NCR, Ghaziabad, UP, RQP- Shri P.K. Sen**

This is a Stone Mining Project for having an area of 2.024 Ha [Khata No.- 51, Plot No.- 84 (P) & 420, Khata No.- 70, Plot No.- 421 (P)] . The committee noted that as per Form I it is a proposal for expansion of mining lease for which PP is seeking EC. The lease was valid w.e.f. 26.12.2009 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) 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 1.40 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 5,39,163 t

Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	53,515 t
2 <sup>nd</sup> Year	:	56,124 t
3 <sup>rd</sup> Year	:	53,422 t
4 <sup>th</sup> Year	:	55,094 t
5 <sup>th</sup> Year	:	53,779 t

The daily production as per Form 1 is 190 tonnes.

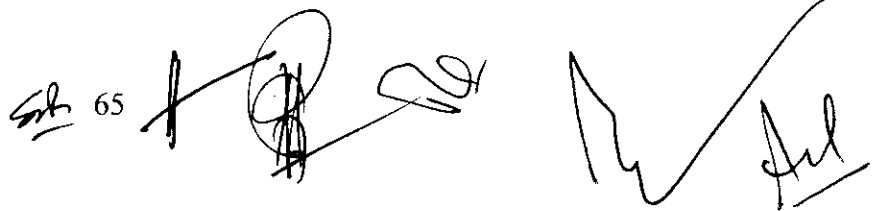
PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit Certificate from DMO regarding previous production details and NOC from JSPCB.

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

**22. Stone Mining Project of M/S Quantam Power Tech Pvt Ltd at Village – Dudhju, Thana- Kumardungi, Dist.- Chaibasa, Jharkhand (3.84 Ha).**

**Consultant- M/S Envirotech East (P) Ltd, Kolkata, RQP- Shri J.P. Bhattacharya**

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This is a Stone Mining Project for having an area of 3.84 Ha [Khata No.- 03, Plot No.- 2239 (F)] . The committee noted that as per Form I it is a proposal for production enhancement for which PP is seeking EC. The lease was valid w.e.f. 03.02.2010 to 02.02.2020 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) 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 2.55 Crores and a provision of Rs 10.25 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 13,02,735 t

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

1 <sup>st</sup> Year	:	1,04,857 t
2 <sup>nd</sup> Year	:	1,04,857 t
3 <sup>rd</sup> Year	:	1,05,655 t
4 <sup>th</sup> Year	:	1,05,283 t
5 <sup>th</sup> Year	:	1,07,065 t

The daily production as per Form 1 is 350 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was also asked to submit Certificate from DMO regarding previous production details.

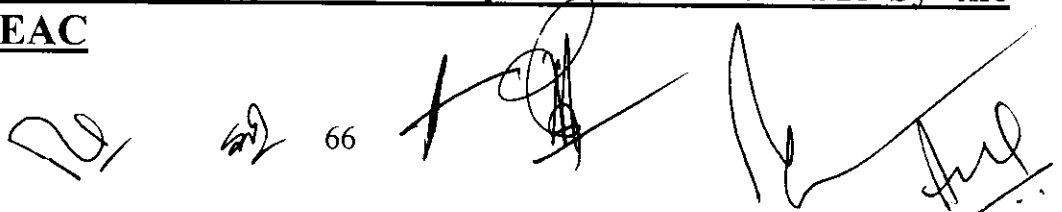
**Once the PP provides the information SEAC will, after examining the same, will refer the matter to SEIAA for consideration for further action.**

**23. Harup Bauxite & Laterite Mine of Shri Girish Kumar Popat at Village- Harup, Dist.- Gumla, Jharkhand. (45.65 Ha)**

SEIAA has written Letter No. – 279, dated 21.02.2014 to the Govt. of Jharkhand take credible action. It was informed that the same has not been initiated. Recommendation regarding EC will be made after the same is initiated.

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

**C. The following is the list of PP's when matter deferred to next meeting due to non-receipt of the copies of revised PFR by the member of SEAC**

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1. Balu Ghat at Dangawar, Palamu on Son River of M/s Krishna Kumar Singh at Village- Dangawar, District - Palamu, Jharkhand. (2.02 Ha)


**D. PP was asked to furnish details in earlier meeting. PP was present but did not submit all details / desired information. The list of PP is as follows:-**


1. Stone Mine of M/S Preeti Agarwala Stone Mines at Village- Goradih, Dist.- Giridih, Jharkhand. (0.89 Ha)
2. Kolhaiya Stone Mine at Mouza- Kolhaiya, Block- Hariharganj, Dist.- Palamu, Jharkhand. (0.607 Ha)
3. Bardag Stone Mine at Mouza- Bardag, Thana & Block- Hariharganj, Dist.- Palamu, Jharkhand. (4.89 Ha).
4. Taratanr Stone Mine of Sri Devendra Prasad Mehta at Village- Taratanr, Thana-Koderma, Dist-Koderma, Jharkhand (0.61 Ha)
5. Motijharna Stone Mine of M/S. Mayur Machine Pvt. Ltd. at Village- Moti Jharna, Thana-Taljhari, District - Sahibganj, Jharkhand. (7.831 Ha).
6. Motijharna Stone Mine of M/S. Mayur Machine Pvt. Ltd. at Village- Moti Jharna, Thana-Taljhari, District - Sahibganj, Jharkhand. (2.853 Ha).


**E. The following is the list of PP's who have requested for deferment to next meeting.**

1. Brick Clay Mining of M/S Laxmi Trading Company at Village -Lusadih, P.O.-Baghdaha, District- Dhanbad, Jharkhand. (0.95 ha)
2. Brick Clay Mining of M/s Sona Bricks at Village- Bahadurpur, P.O- Narayanpur, P.S- Pindajora, Dist.- Bokaro, Jharkhand (2.5 Acres / 1.01 Ha).
3. Stone Quarry at Dudhiya of Sri Satpal Singh Saluja at Village -Dudhiya, P.O.- Baliapur, Thana- Baliapur, Dist.- Dhanbad, Jharkhand (1.50 Acre).
4. Barisa Stone Mine of Sri Dinesh Oraon at Village - Birsa, Thana- Asni, Dist.- Gumla, Jharkhand (0.405 Ha).

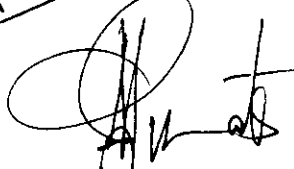
The meeting concluded with thanks to all present.


  
(S.B.S Chauhan)  
Member

  
(Dr. R.P. Singh Sangu)  
Member

  
( Prof (Dr) Shatrunjay Singh)  
Member

  
(Er S K Singh)  
Member

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

  
(A K Saxena)  
Chairman