

**PART- B MINUTES OF THE 26<sup>th</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 16<sup>th</sup> to 18<sup>th</sup> FEBRUARY 2015**

The 26<sup>th</sup> meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 16<sup>th</sup> to 18<sup>th</sup> February 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. Shri R.N. Kashyap - Secretary

Prof (Dr) Shatrunjay Kumar Singh, Member could not attend the meeting due to personal reasons.

Various projects which were received by SEIAA after the previous SEAC meeting held from 12<sup>th</sup> to 15<sup>th</sup> January 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**

**I. Brick Clay Mining of M/S R.M.B Bricks (Shri Ravindra Kumar) at Village + P.O - Ramgarh, P.S.- Ramgarh Cantt, Dist.- Ramgarh, Jharkhand (0.99 Ha).**

This is a Brick Clay Mining Project for having an area of 0.99 Ha [Plot No- 1633 & 1667]. 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 44.5 Lakhs and a provision of Rs 1.58 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 R.M.B Bricks (Shri Ravindra Kumar) at Village + P.O - Ramgarh, P.S.- Ramgarh Cantt, Dist.- Ramgarh, Jharkhand (0.99 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

## **II. Brick Clay Mining of M/S Aman Bricks at Village- Piri, P.O - Barkakana, Dist.- Ramgarh, Jharkhand (0.87 Ha).**

This is a Brick Clay Mining Project for having an area of 0.87 Ha [Plot No- 47 & 53]. 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 8.4 Lakhs and a provision of Rs 2.7 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 Aman Bricks at Village- Piri, P.O - Barkakana, Dist.- Ramgarh, Jharkhand (0.87 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

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**III. Brick Clay Mining of M/S C.M.D Bricks at Village- Gobardhara, P.O - Kaitha, P.S. & Dist.- Ramgarh, Jharkhand. (0.915 Ha)**

This is a Brick Clay Mining Project for having an area of 0.915 Ha [Plot No- 158, 166 & 226]. 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 45.00 Lakhs and a provision of Rs 1.75 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 3660 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 C.M.D Bricks at Village- Gobardhara, P.O - Kaitha, P.S. & Dist.- Ramgarh, Jharkhand. (0.915 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**IV. Brick Clay Mining of M/S Rajendra Prasad Choudhary at Village- Raimara, P.O Baramari, P.S.-Kandra, Dist.-Sariakela Kharsawan, Jharkhand (0.638 Ha).**

This is a Brick Clay Mining Project for having an area of 0.638 Ha [Plot No- 20]. 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

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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 42.00 Lakhs and a provision of Rs 1.13 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 Rajendra Prasad Choudhary at Village-Raimara, P.O Baramari, P.S.-Kandra, Dist.-Sariakela Kharsawan, Jharkhand (0.638 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**V. Brick Clay Mining for M/S Bala Prasad Singhania & Sons at Village-Murakati, P.O - Barajuri, Dist.- East Singhbhum, Jharkhand (0.388 Ha).**

This is a Brick Clay Mining Project for having an area of 0.338 Ha [Plot No- 1119 to 1121]. 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 20.00 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 1550 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 Bala Prasad Singhania & Sons at Village-Murakati, P.O - Barajuri, Dist.- East Singhbhum, Jharkhand (0.388 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**VI. Brick Clay Mining for M/S S.D.M Bricks Udyog at Village-Tilatand, P.O.- Chandore, Dist.- Dhanbad, Jharkhand (0.48 Ha)**

This is a Brick Clay Mining Project for having an area of 0.48 Ha [Plot No- 186 & 193]. 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 36.00 Lakhs and a provision of Rs 1.86 Lakhs will be kept for Environment management.

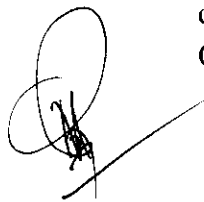
PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, affidavits with regard to distance from forest have been accepted based on decision taken by SEIAA in its 22<sup>nd</sup> Meeting held on 04/08/2014 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 S.D.M Bricks Udyog at Village-Tilatand, P.O.-Chandore, Dist.- Dhanbad, Jharkhand (0.48 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**VII. Brick Clay Mining of M/S S.D.M Bricks Industries at Village- Ganduba, P.O.- Chandore, Dist.- Dhanbad, Jharkhand. (0.44 Ha)**

This is a Brick Clay Mining Project for having an area of 0.44 Ha [Plot No- 177 & 179]. 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 38.00 Lakhs and a provision of Rs 2.8 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 of M/S S.D.M Bricks Industries at Village-Ganduba, P.O.- Chandore, Dist.- Dhanbad, Jharkhand (0.44 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**VIII. Brick Clay Mining of M/S S.K.B Red Bricks at Village- Barkidundi, P.O.- Mandu, Dist.- Ramgarh, Jharkhand (0.67 Ha)**

This is a Brick Clay Mining Project for having an area of 0.67 Ha [Plot No- 730, 731 & 733]. 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 38.00 Lakhs and a provision of Rs 1.08 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 S.K.B Red Bricks at Village- Barkidundi, P.O.- Mandu, Dist.- Ramgarh, Jharkhand (0.67 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**IX. Brick Clay Mining of M/s Jai Maa Bricks at Village – Chaha, P.O.- Jamira, Dist.- Ramgarh, Jharkhand (0.505 Ha)**

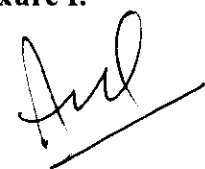
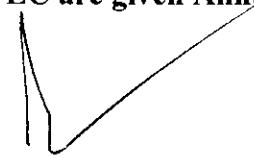
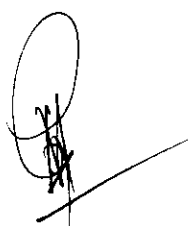
This is a Brick Clay Mining Project for having an area of 0.505 Ha [Plot No- 1067 (P)]. The committee noted that as per Form I it is a proposal for renewal of lease for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental 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 1.35 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 Jai Maa Bricks at Village – Chaha, P.O.- Jamira, Dist.- Ramgarh, Jharkhand (0.505 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**



**X. Brick Clay Mining for M/s Yadav Bricks at Village – Pakrar, P.S.- Latehar, Dist.- Latehar, Jharkhand (1.00 Ha)**

This is a Brick Clay Mining Project for having an area of 1.00 Ha [Plot No- 86 & 87]. 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 42.8 Lakhs and a provision of Rs 4.00 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 1584 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 Yadav Bricks at Village – Pakrar, P.S.- Latehar, Dist.- Latehar, Jharkhand (1.00 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**XI. Brick Clay Mining for M/s Atikur Rahman Bricks at Village – Gamharia, Dist.- Saraikela- Kharsawan, Jharkhand (0.40 Ha)**

This is a Brick Clay Mining Project for having an area of 0.40 Ha [Plot No- 481(P) & 482 (P)]. 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 34.00 Lakhs and a provision of Rs 1.67 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 for M/s Atikur Rahman Bricks at Village – Gamharia, Dist.- Saraikela- Kharsawan, Jharkhand (0.40 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

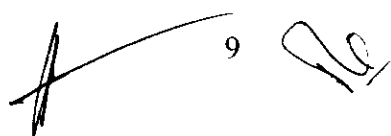
## **XII. Brick Clay Mining for M/S Zubair Ahmad at Mouza – Kuluptanga, Adityapur Dist.- Saraikela Kharsawan, Jharkhand (1.01 Ha)**

This is a Brick Clay Mining Project for having an area of 1.01 Ha [Plot No- 727 (P)]. 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 42.00 Lakhs and a provision of Rs 0.60 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 Zubair Ahmad at Mouza – Kuluptanga, Adityapur Dist.- Saraikela Kharsawan, Jharkhand (1.01 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.

**XIII. Brick Clay Mining for M/S Sai Bricks Works (Shri Basant Kumar Chandak) at Mouza – Arahasa, P.O.- Kasarharia, Dist.- Saraikela Kharsawan, Jharkhand (0.98 Ha)**

This is a Brick Clay Mining Project for having an area of 0.98 Ha [Plot No- 136 & 139]. 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 45.00 Lakhs and a provision of Rs 2.22 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 for M/S Sai Bricks Works (Shri Basant Kumar Chandak) at Mouza – Arahasa, P.O.- Kasarharia, Dist.- Saraikela Kharsawan, Jharkhand (0.98 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.

**XIV. Brick Clay Mining of M/S OM Bricks Products (Shri Bala Prasad Agarwal ) at Village - Murakati, P.O.-Barajuri, Dist.- East Singhbhum, Jharkhand (0.99 Ha)**

This is a Brick Clay Mining Project for having an area of 0.99 Ha [Plot No- 998, 1000, 1001 & 1003]. 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 42.00 Lakhs and a provision of Rs 2.10 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 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 Products (Shri Bala Prasad Agarwal ) at Village - Murakati, P.O.-Barajuri, Dist.- East Singhbhum, Jharkhand (0.99 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**XV. Brick Clay Mining for M/S Dayal Bricks at Mauza- Kanchanpur, P.O.- Saraidih, Dist.- Latehar, Jharkhand (0.90 Ha)**

This is a Brick Clay Mining Project for having an area of 0.90 Ha [Plot No- 221, 222 & 225]. 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 69.6 Lakhs and a provision of Rs 3.48 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 1584 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 Dayal Bricks at Mauza- Kanchanpur, P.O.-Saraidih, Dist.- Latehar, Jharkhand (0.90 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**XVI. Brick Clay Mining for M/S S.S.S Bricks at Village – Padma ( Banda Partan), P.O.- Padma, Dist.- Hazaribagh, Jharkhand (1.00 Ha)**

This is a Brick Clay Mining Project for having an area of 1.00 Ha [Plot No- 9408 to 9414, 9423 to 9427 & 9700]. 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 18.5 Lakhs and a provision of Rs 3.00 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 for M/S S.S.S Bricks at Village – Padma ( Banda Partan), P.O.- Padma, Dist.- Hazaribagh, Jharkhand (1.00 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**



**XVII. Brick Clay Mining for M/S H.M. Bricks (Shri Hare Lal Mandal) at Village + P.O.- Burudih, PS –Kandra, Dist.- Sariaakela- Kharsawan, Jharkhand (1.01 Ha)**

This is a Brick Clay Mining Project for having an area of 1.01 Ha [Plot No- 965 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24<sup>th</sup> June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 42.00 Lakhs and a provision of Rs 1.23 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 for M/S H.M. Bricks (Shri Hare Lal Mandal) at Village + P.O.- Burudih, PS –Kandra, Dist.- Sariaakela- Kharsawan, Jharkhand (1.01 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

**XVIII. Brick Clay Mining for M/S Ganpati Bricks at Village- Pathkidih, P.O.- Birajpur, P.S. – Barwadda, Dist.- Dhanbad, Jharkhand (0.80 Ha)**

This is a Brick Clay Mining Project for having an area of 0.80 Ha [Plot No- 510]. 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 42.00 Lakhs and a provision of Rs 4.3 Lakhs will be kept for Environment management.

PP has submitted certificates for the information as required under SEIAA guidelines. The same were examined and found to be satisfactory. In few cases, 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 for M/S Ganpati Bricks at Village- Pathkidih, P.O.-Birajpur, P.S. – Barwadda, Dist.- Dhanbad, Jharkhand (0.80 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.**

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

### **1. Arjua Quartzite (Stone) Deposit of Shri Jeet Ram Manjhi at Village- Arjua, P.S.- Petwar, Dist.- Bokaro, Jharkhand. (1.00 Ha)**

This is a Quartzite (Stone) Mining Project for having an area of 1.00 Ha [Plot No- 1317, 1319 to 1322 & 1325] . 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 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 0.80 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 1,45,800 t

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

1 <sup>st</sup> Year	:	14,912 t
2 <sup>nd</sup> Year	:	14,974 t
3 <sup>rd</sup> Year	:	14,989 t
4 <sup>th</sup> Year	:	14,918 t
5 <sup>th</sup> Year	:	14,912 t

The daily production as per Form I is 50 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 Arjua Quartzite (Stone) Deposit of Shri Jeet Ram Manjhi at Village- Arjua, P.S.- Petwar, Dist.- Bokaro, Jharkhand. (1.00 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

## **II. Udiya Stone Deposit of M/s Navin Kumar Singh at Village- Udiya, Thana Udiya, Dist.- East Singhbhum, Jharkhand (3.24 Ha)**

This is a Stone Mining Project for having an area of 3.24 Ha [Plot No- 1988] . 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 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakhs and a provision of Rs 3.5 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 18,77,793 t

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

1 <sup>st</sup> Year	:	1,90,728 t
2 <sup>nd</sup> Year	:	1,91,120 t
3 <sup>rd</sup> Year	:	1,90,439 t
4 <sup>th</sup> Year	:	1,91,284 t
5 <sup>th</sup> Year	:	1,93,088 t

The daily production as per Form I is 644 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 Udiya Stone Deposit of M/s Navin Kumar Singh at Village- Udiya, Thana Udiya, Dist.- East Singhbhum, Jharkhand (3.24 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

### **III. Tangarjora Stone Deposit of M/S K.K. Builders Pvt. Ltd at Village- Tangjora, P.O.- Tumung, Dist.- Saraikela Kharsawan, Jharkhand (4.856 Ha)**

This is a Stone Mining Project for having an area of 4.856 Ha [Plot No- 1042 (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 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 12.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve	:	28,57,475 t
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Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	2,89,003 t
2 <sup>nd</sup> Year	:	2,89,027 t
3 <sup>rd</sup> Year	:	2,88,384 t
4 <sup>th</sup> Year	:	2,89,232 t



5<sup>th</sup> Year : 2,90,342 t

The daily production as per Form I is 968 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 Tangarjora Stone Deposit of M/S K.K. Builders Pvt. Ltd at Village-Tangjora, P.O.- Tumung, Dist.- Saraikela Kharsawan, Jharkhand (4.856 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

**IV. Kantabani Stone Deposit of M/S K.K. Builders Pvt. Ltd. at Village-Kantabani, P.O. & P.S.-- Chakuliya, Dist.- East Singhbhum, Jharkhand (4.856 Ha)**

This is a Stone Mining Project for having an area of 4.856 Ha [Plot No- 13 (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 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 12.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 28,78,486 t

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

1 <sup>st</sup> Year	:	3,09,828 t
2 <sup>nd</sup> Year	:	3,09,874 t
3 <sup>rd</sup> Year	:	3,09,893 t
4 <sup>th</sup> Year	:	3,09,852 t
5 <sup>th</sup> Year	:	3,09,847 t

The daily production as per Form I is 1033 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 Kantabani Stone Deposit of M/S K.K. Builders Pvt. Ltd. at Village-Kantabani, P.O. & P.S.-- Chakuliya, Dist.- East Singhbhum, Jharkhand (4.856 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

**V. Vindhwasni Stone Mine of Shri Mukesh Kumar Singh at Vill- Basdiha, Block & Thana- Chhatarpur, Dist.-Palamu, Jharkhand (0.951 Ha ).**

This is a Stone Mining Project for having an area of 0.951 Ha (Plot No- 139 ). The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 37.00 lakhs and a provision of Rs 4.00 lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 2,90,000 t

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

1 <sup>st</sup> Year	:	55,800 t
2 <sup>nd</sup> Year	:	55,830 t
3 <sup>rd</sup> Year	:	55,827 t
4 <sup>th</sup> Year	:	55,800 t
5 <sup>th</sup> Year	:	55,800 t

The daily production as per Form 1 is 186 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 Vindhwasni Stone Mine of Shri Mukesh Kumar Singh at Vill-Basdiha, Block & Thana- Chhatarpur, Dist.-Palamu, Jharkhand (0.951 Ha) be**

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

**VI. Asni Stone Mine of Shri Mahaprasad Oraon at Village- Asni, Thana- Gumla, Dist.- Gumla, Jharkhand (1.01 Ha)**

This is a Stone Mining Project for having an area of 1.01 Ha [Plot No- 2717 (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 1.30 lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 3,53,678 t

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

1 <sup>st</sup> Year	:	35,732 t
2 <sup>nd</sup> Year	:	35,764 t
3 <sup>rd</sup> Year	:	35,678 t
4 <sup>th</sup> Year	:	35,678 t
5 <sup>th</sup> Year	:	35,708 t

The daily production as per Form 1 is 119 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 Asni Stone Mine of Shri Mahaprasad Oraon at Village- Asni, Thana- Gumla, Dist.- Gumla, Jharkhand (1.01 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

**VII. Kurochhatarpur Stone Deposit of Shri Ram Swarup Choudhary at Village- Kurochhatarpur, P.S.- Raidih, Dist.- Gumla, Jharkhand (1.01 Ha)**

This is a Stone Mining Project for having an area of 1.01 Ha [Plot No- 542 (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 1.19 lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 2,29,012 t

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

1<sup>st</sup> Year : 22,922 t

2<sup>nd</sup> Year : 23,263 t

3<sup>rd</sup> Year : 22,939 t

4<sup>th</sup> Year : 22,453 t

5<sup>th</sup> Year : 22,898 t

The daily production as per Form 1 is 78 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 Kurochhatarpur Stone Deposit of Shri Ram Swarup Choudhary at Village- Kurochhatarpur, P.S.- Raidih, Dist.- Gumla, Jharkhand (1.01 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

**VIII. Arkosha Stone Mine of M/s Nejam Ansari Stone Works at Village- Arkosha, Tehsil- Lohardaga, Dist.- Lohardaga, Jharkhand (1.37 Ha)**

This is a Stone Mining Project for having an area of 1.37 Ha [Plot No- 159]. 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 13.00 lakhs and a provision of Rs 4.00 lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 3,48,035 t

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

1 <sup>st</sup> Year	:	18,257 t
2 <sup>nd</sup> Year	:	18,023 t
3 <sup>rd</sup> Year	:	18,001 t
4 <sup>th</sup> Year	:	18,036 t
5 <sup>th</sup> Year	:	18,004 t

The daily production as per Form 1 is 60 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 Arkosha Stone Mine of M/s Nejam Ansari Stone Works at Village- Arkosha, Tehsil- Lohardaga, Dist.- Lohardaga, Jharkhand (1.37 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

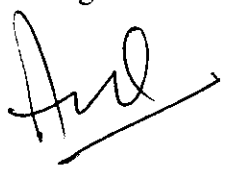
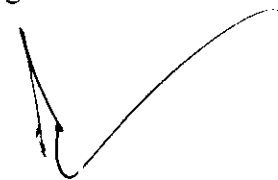
**IX. Makandu Stone & Morrur Mine M/S Anisur Rahaman at Village- Makandu, Tehsil- Kuru, Dist.- Lohardaga, Jharkhand (1.21 Ha).**

This is a Stone Mining Project for having an area of 1.21 Ha [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



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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 18.05 lakhs 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 : 5,12,023 t

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

	Stone	Moorum
1 <sup>st</sup> Year	: 51,057 t	38,067 t
2 <sup>nd</sup> Year	: 51,027 t	21,914 t
3 <sup>rd</sup> Year	: 51,027 t	9,775 t
4 <sup>th</sup> Year	: 51,095 t	19,813 t
5 <sup>th</sup> Year	: 51,081 t	Nil

The daily production of stone as per Form 1 is 170 tonnes and Moorum maximum 126 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 Makandu Stone & Morrur Mine M/S Anisur Rahaman at Village- Makandu, Tehsil- Kuru, Dist.- Lohardaga, Jharkhand (1.21 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

**X. Stone Mine of M/S Jai Shankar Stone Industries at Village- Akta, Tehsil- Hunterganj, Dist.- Chatra, Jharkhand (3.645 Ha)**

This is a Stone Mining Project for having an area of 3.645 Ha [Plot No- 82 to 86, 90, 92, 96 to 98, 100, 101, 103 to 110, 113, 117 to 122, 124 & 134]. 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

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the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 63.50 lakhs and a provision of Rs 6.00 lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 15,61,840 t

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

1 <sup>st</sup> Year	:	1,50,217 t
2 <sup>nd</sup> Year	:	1,50,109 t
3 <sup>rd</sup> Year	:	1,50,085 t
4 <sup>th</sup> Year	:	1,50,000 t
5 <sup>th</sup> Year	:	1,50,000 t

The daily production as per Form 1 is 500 tonnes.

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

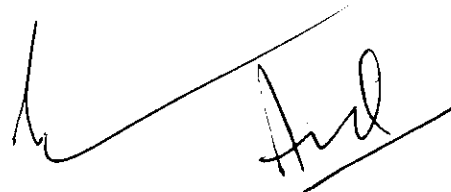
**Based on the presentation made and information provided, the Committee recommends that the proposal for Stone Mine of M/S Jai Shankar Stone Industries at Village- Akta, Tehsil- Hunterganj, Dist.- Chatra, Jharkhand (3.645 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

**XI. Domchanch Stone Deposit of M/s Tiri Saraswati at Village- Domchanch, Thana- Koderma, Dist.- Koderma, Jharkhand. (1.053 Ha)**

This is a Stone Mining Project for having an area of 1.053 Ha [Plot No- 5688 (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 26.00 lakhs and a provision of Rs 1.10 lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are



Mineable Proved Reserve : 1,70,901 t

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

1 <sup>st</sup> Year	:	20,107 t
2 <sup>nd</sup> Year	:	20,156 t
3 <sup>rd</sup> Year	:	20,099 t
4 <sup>th</sup> Year	:	20,396 t
5 <sup>th</sup> Year	:	20,134 t

The daily production as per Form 1 is 68 tonnes.

PP has submitted certificates from Circle Officer, & DMO. With regard to distance from forest the information was obtained through RTI. As per same the distance of forest from mine is 250 m. 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 Deposit of M/s Tiri Saraswati at Village- Domchanch, Thana- Koderma, Dist.- Koderma, Jharkhand. (1.053 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

## **XII. Sundarpahari Stone Mine of Shri Azar Alam at Village- Sundarpahari, Thana- Pakur, Dist.- Pakur, Jharkhand (3.00 Ha)**

This is a Stone Mining Project for having an area of 3.00 Ha [Plot No- 177, 179, 181 to 195, 197 to 211, 233, 235, 237 to 251, 253 to 256, 270, 271, 274 to 277, 280 and 290]. 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 1.65 lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 3,01,203 t

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

1<sup>st</sup> Year : 23,999 t



2 <sup>nd</sup> Year	:	24,358 t
3 <sup>rd</sup> Year	:	24,707 t
4 <sup>th</sup> Year	:	26,944 t
5 <sup>th</sup> Year	:	29,478 t

The daily production as per Form 1 is 110 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 Sundarpahari Stone Mine of Shri Azar Alam at Village- Sundarpahari, Thana- Pakur, Dist.- Pakur, Jharkhand (3.00 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

### **XIII. Kashila Stone Mine of M/S Ishaque Shaikh at Village- Kashila, P.S. – Pakur, Dist.- Pakur, Jharkhand (2.02 Ha)**

This is a Stone Mining Project for having an area of 2.02 Ha [Plot No- 937, 940, 950, 938, 971 to 974, 1305, 1306, 1308 (P), 1309 (P) and 1310 to 1312]. 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 1.95 lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve	:	7,33,624 t
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Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	33,348 t
2 <sup>nd</sup> Year	:	33,775 t
3 <sup>rd</sup> Year	:	33,521 t
4 <sup>th</sup> Year	:	34,936 t
5 <sup>th</sup> Year	:	35,221 t

The daily production as per Form 1 is 130 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 Kashila Stone Mine of Shri Ishaque Shaikh at Village-Kashila, P.S. – Pakur, Dist.- Pakur, Jharkhand (2.02 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II**

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

#### **XIV. Bara Bhumri Stone Mines of Shri Deepak Kumar Srivastava at Village- Bara Bhumri, Tehsil - Potka, Dist.-East Singhbhum, Jharkhand. (1.21 Ha)**

This is a Stone Mining Project for having an area of 1.21 Ha [Plot No- 1080] . 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. 21.05.2010 for a period of 05 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) 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 3.15 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 2,54,285 t

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


1<sup>st</sup> Year : 1,76,939 t

2<sup>nd</sup> Year : 1,17,955 t

The daily average production based on 300 working days as per is 590 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 Bara Bhumri Stone Mines of Shri Deepak Kumar Srivastava at Village- Bara Bhumri, Tehsil - Potka, Dist.-East Singhbhum, Jharkhand. (1.21 Ha) be**



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

**XV. Parariya Stone Mine of M/S Gautam Kumar Rai at Mouza- Parariya, Thana- Devipur, Dist.- Deoghar, Jharkhand (2.43 Ha)**

This is a Stone Mining Project for having an area of 2.43 Ha [Plot No- 32 (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. 20.12.2004 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 0.50 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 2,18,994 t

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

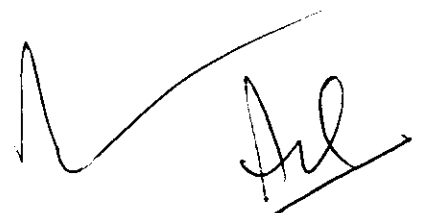
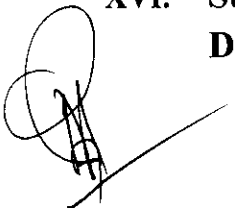
1 <sup>st</sup> Year	:	65,007 t
2 <sup>nd</sup> Year	:	60,575 t
3 <sup>rd</sup> Year	:	71,993 t
4 <sup>th</sup> Year	:	77,566 t
5 <sup>th</sup> Year	:	73,483 t

The daily production as per Form 1 is 232 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 Parariya Stone Mine of M/S Gautam Kumar Rai at Mouza- Parariya, Thana- Devipur, Dist.- Deoghar, Jharkhand (2.43 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III**

**XVI. Stone Mine of Md. Moin Ansari at Village – Barwadih, Block- Topchanchi, Dist.- Dhanbad, Jharkhand (0.405 Ha).**



This is a Stone Mining Project for having an area of 0.405 Ha [Plot No- 1296 (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. 20.08.2001 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 7.00 Lakhs and a provision of Rs 2.52 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 21,497 t

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

1 <sup>st</sup> Year	:	2365 t
2 <sup>nd</sup> Year	:	2527 t
3 <sup>rd</sup> Year	:	2422 t
4 <sup>th</sup> Year	:	2562 t
5 <sup>th</sup> Year	:	2452 t

The daily production as per Form 1 is 9 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 Mine of Md. Moin Ansari at Village – Barwadih, Block-Topchanchi, Dist.- Dhanbad, Jharkhand (0.405 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III**

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

#### **XVII. Silway Stone Mine of M/s Umesh Stone Works at Village- Silway, Thana-Ranchi, Dist.- Ranchi, Jharkhand (1.68 Ha)**

This is a Stone Mining Project for having an area of 1.68 Ha [Plot No- 2571 (P), 2572 to 2575, 2578 (P) & 2579 (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. 02.09.2003 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 41.00 Lakhs and a provision of Rs 1.35 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 3,91,311 t

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

1 <sup>st</sup> Year	:	40,117 t
2 <sup>nd</sup> Year	:	40,241 t
3 <sup>rd</sup> Year	:	40,038 t
4 <sup>th</sup> Year	:	40,052 t
5 <sup>th</sup> Year	:	40,198 t

The daily production as per Form 1 is 134 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 Silway Stone Mine of M/s Umesh Stone Works at Village- Silway, Thana- Ranchi, Dist.- Ranchi, Jharkhand (1.68 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – IV**

**XVIII. Ichadag Stone Mine of M/S Shree Balaji Enterprises at Village- Ichadag, Dist.- Ranchi, Jharkhand. (5.67 Ha)**

This is a Mining Project having a lease area of 5.67 Ha. The mine was in operation and the lease was with M/S Balaji Minerals. M/S Balaji Minerals indentured the same to M/S Shree Balaji Enterprises on 17<sup>th</sup> April 2010 for an area of 14 acres i.e. 5.67 Ha. The lease was transferred to M/S Shree Balaji Enterprises upto 1.07.2012 i.e. the unexpired period of the said lease. The Committee also noted that the PP had applied to MOEF on 13.07.2012 seeking EC for an area of 12 acres i.e. 4.86 Ha. In the Executive Summary submitted along with the application they have shown a production figure of 422,244 tonnes per year. As per Executive Summary the total Mineral resources are 34,08,405 tonnes and mineable reserves are 11,86,251 tonnes. The life of mine has been indicated as 3 years based on 295 working days. This project falls under

'B2' Category MOEF forwarded the application to SEIAA, Jharkhand for its consideration for issuance EC. The mine is located between 85°29' 01.1" E to 85°29' 01.1" E and 23°32' 36.7" N to 23°32' 49.9" N.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 10,67,626 t

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

1 <sup>st</sup> Year	:	3,80,020 t
2 <sup>nd</sup> Year	:	3,05,713 t
3 <sup>rd</sup> Year	:	3,65,364 t

The daily production as per Mine Plan is 1168 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory. Presentation was made by PP and his consultant and TOR's were issued by SEIAA vide letter no.- 133, dated- 07/09/2013.

PP made presentation against various points mentioned in TOR and Public Hearing. The committee was satisfied with the answer.

**Based on the presentation made and information provided the Committee recommends that the proposal for Ichadag Stone Mine of M/S Shree Balaji Enterprises at Village- Ichadag, Dist.- Ranchi, Jharkhand. (5.67 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – IV**

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

#### **XIX. Shyam Stone Mine of Shri Umakant Prasad Jaiswal at Mouza- Karamkala, Thana & Block- Chhatarpur, Dist.- Palamu, Jharkhand (4.856 Ha)**

This is a Stone Mining Project for having an area of 4.856 Ha (Plot No- 994 ). 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 46.00 lakhs and a provision of Rs 5.25 lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 19,43,186 t

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

1 <sup>st</sup> Year	:	1,65,000 t
2 <sup>nd</sup> Year	:	1,65,000 t
3 <sup>rd</sup> Year	:	1,65,000 t
4 <sup>th</sup> Year	:	1,65,000 t
5 <sup>th</sup> Year	:	1,65,000 t

The daily production as per Form 1 is 550 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 Shyam Stone Mine of Shri Umakant Prasad Jaiswal at Mouza- Karamkala, Thana & Block- Chhatarpur, Dist.- Palamu, Jharkhand (4.856 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V**

**XX. Stone Mining of M/S Maa Anjani Minerals at Village- Jordiha, Thana- Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand (2.57 Ha)**

This is a Stone Mining Project for having an area of 2.57 Ha (Plot No- 847 (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 1.59 crores and a provision of Rs 10.00 lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 7,46,932 t

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

1 <sup>st</sup> Year	:	97,848 t
2 <sup>nd</sup> Year	:	97,905 t
3 <sup>rd</sup> Year	:	97,476 t
4 <sup>th</sup> Year	:	97,808 t
5 <sup>th</sup> Year	:	97,711 t

The daily production as per Form 1 is 325 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 Mining of M/S Maa Anjani Minerals at Village- Jordiha, Thana- Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand (2.57 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V**

**XXI. Karma Stone Mine of M/S Nageshwar Rana & Partner at Mouza- Karma, Thana – Chauparan, Dist. - Hazaribagh, Jharkhand (1.255 Ha).**

This is a Stone Mining Project for having an area of 1.255 Ha [Plot No- 766,767,769 & 768 (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 19.00 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 : 3,59,800 t

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

1 <sup>st</sup> Year	:	30,643 t
2 <sup>nd</sup> Year	:	30,240 t



3 <sup>rd</sup> Year	:	34,524 t
4 <sup>th</sup> Year	:	30,240 t
5 <sup>th</sup> Year	:	31,248 t

The daily production as per Form 1 is 100 tonnes.

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

In the DFO Report distance of plot no.- 766 has been indicated as 242 m. PP had initially applied for 4.23 acres (1.713 Ha) of land against which. DFO has issued the above certificate since SEIAA guidelines require distance of mine from forest as 250 m. PP had revised his application and reduced the area of mining lease to 3.10 acres (1.255 Ha) to meet the requirement of guidelines.

The committee was satisfied with explanation.

**Based on the presentation made and information provided, the Committee recommends that the proposal for Karma Stone Mine of M/S Nageshwar Rana & Partner at Mouza-Karma, Thana – Chauparan, Dist. - Hazaribagh, Jharkhand (1.255 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V**

**XXII. Stone Mine of M/S Chandradhari Prasad at - 63, Village- Pundri, Tehsil-Sadar (Hazaribagh), Dist.- Hazaribagh, Jharkhand. (0.972 Ha)**

This is a Stone Mining Project for having an area of 0.972 Ha [Plot No- 13 (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 16.00 lakhs and a provision of Rs 4.00 lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 3,09,456 t

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

1 <sup>st</sup> Year	:	31,180 t
2 <sup>nd</sup> Year	:	31,180 t
3 <sup>rd</sup> Year	:	32,218 t
4 <sup>th</sup> Year	:	32,009 t
5 <sup>th</sup> Year	:	31,712 t

The daily production as per Form 1 is 100 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory. In Circle Officer's certificate it has been mentioned that there is a Barsati Nadi within 500 m of mine site.

The committee considered the same and felt that EC can be considered.

**Based on the presentation made and information provided, the Committee recommends that the proposal for Stone Mine of M/S Chandradhari Prasad at - 63, Village- Pundri, Tehsil-Sadar (Hazaribagh), Dist.- Hazaribagh, Jharkhand. (0.972 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V**

**XXIII. Stone Mine of M/S Maa Saraswarti Stone Works at Village- Churchu, Tehsil-Sadar (Hazaribagh), Dist.- Hazaribagh, Jharkhand (0.992 Ha)**

This is a Stone Mining Project for having an area of 0.992 Ha [Plot No- 10402 to 10404, 10417 (P) & 10398]. 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 18.75 lakhs and a provision of Rs 4.75 lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 3,06,810 t

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

1<sup>st</sup> Year : 28,640 t

2 <sup>nd</sup> Year	:	28,640 t
3 <sup>rd</sup> Year	:	30,139 t
4 <sup>th</sup> Year	:	32,962 t
5 <sup>th</sup> Year	:	29,560 t

The daily production as per Form 1 is 100 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory. In Circle Officer's certificate it has been mentioned that there is a Barsati Nadi within 500 m of mine site.

The committee considered the same and felt that EC can be considered.

**Based on the presentation made and information provided, the Committee recommends that the proposal for Stone Mine of M/S Maa Saraswari Stone Works at Village-Churchu, Tehsil- Sadar (Hazaribagh), Dist.- Hazaribagh, Jharkhand (0.992 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V**

**XXIV. Sadhwadih Marble Deposit of Shri Ashok Prasad Village- Sadhwadih, Thana-Manika, Dist.- Latehar, Jharkhand. (0.40 Ha)**

This is a Stone Mining Project for having an area of 0.40 Ha [Plot No- 735 & 736 (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 05.00 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 : 24,980 t

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

1 <sup>st</sup> Year	:	5025 t
2 <sup>nd</sup> Year	:	4970 t
3 <sup>rd</sup> Year	:	5005 t

4<sup>th</sup> Year : 4995 t  
5<sup>th</sup> Year : 4985 t

The daily production as per Form 1 is 17 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 Sadhwadih Marble Deposit of Shri Ashok Prasad Village- Sadhwadih, Thana- Manika, Dist.- Latehar, Jharkhand. (0.40 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V**

**XXV. Puha Stone Deposit of M/S Premium Infra Logistics (P) Ltd at Village- Puha, Thana- Rajnagar, Dist.- Saraikela -Kharsawan, Jharkhand (4.93 Ha)**

This is a Stone Mining Project for having an area of 4.93 Ha [Plot No- 253 (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 38.00 lakhs and a provision of Rs 1.95 lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 28,99,214 t

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

1<sup>st</sup> Year : 2,77,320 t  
2<sup>nd</sup> Year : 2,84,305 t  
3<sup>rd</sup> Year : 2,72,972 t  
4<sup>th</sup> Year : 2,74,858 t  
5<sup>th</sup> Year : 2,75,620 t

The daily production as per Form 1 is 948 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 Puha Stone Deposit of M/S Premium Infra Logistics (P) Ltd at Village- Puha, Thana- Rajnagar, Dist.- Saraikela -Kharsawan, Jharkhand (4.93 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V**

**XXVI. Gharatia Stone Deposit of Shri Sanjay Kumar at Village-Gharatia, Tehsil-Bishrampur, Dist.- Palamu, Jharkhand (0.583 Ha)**

This is a Stone Mining Project for having an area of 0.583 Ha [Plot No- 1203] . 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 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 11.24 Lakhs and a provision of Rs 3.60 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 52,930 t

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

1 <sup>st</sup> Year	:	5472 t
2 <sup>nd</sup> Year	:	5472 t
3 <sup>rd</sup> Year	:	5472 t
4 <sup>th</sup> Year	:	5472 t
5 <sup>th</sup> Year	:	5472 t

The daily production as per Form I is 18.23 tonnes (Figures are rounded off).

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 Gharatia Stone Deposit of Shri Sanjay Kumar at Village-Gharatia, Tehsil- Bishrampur, Dist.- Palamu, Jharkhand (0.583 Ha) be recommended for**

consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V

**Proposals related to China Clay Mine**

**XXVII. Gondkida China Clay Mining Project, M/s D. M Minerals Pvt Ltd. Vill. Gondkida, Taluka- Chaibasa Sadar, P.O- Andhari, Thana- Kolhan, P.S-Kumardungi, Dist.-West Singhbhum, Jharkhand. (38.40 Ha).**

This is a China Clay Project having a lease area of 38.40 Ha. The mining lease was granted mine w.e.f 08.01.1979 for a period of 10 years. As per DMO's certificate no.- 558, dated 31.03.2014 the lessee had applied for renewal of lease which was granted vide Bihar State Gazette no.- B./M.G-106/88-6610/M, dated 11.09.1989 for 10 years on 01.07.1997 for 2<sup>nd</sup> renewal and on 04.01.2008 for 3<sup>rd</sup> renewal. The 2<sup>nd</sup> renewal was forward to Govt. of Bihar by DC (East Singhbhum) vide letter no.- dated and 3<sup>rd</sup> renewal is pending with Govt. of Jharkhand. Both the cases are pending. It was noted that PP had not obtained EC. As per Form I they have mentioned a proposed production figure of 32,000 tonnes of China Clay per year. The expected life of mine has been indicated as 20 years. The mine lease area located at latitude 22° 09'02" to 22° 09'50" N and longitude 85° 49'46" to 86° 50'56" E.

The indicated project cost is Rs 96.30 Lakhs and a provision of Rs 26.50 Lakhs will be kept for Environment management as indicated during presentation.

PP had applied to MoEF for grant of ToR's. This is case of violation. PP submitted and undertaking on 22.11.2011. ToR's were issued by MoEF vide their letter no.- J-11015/88/2011-IA.II(M), dated 27<sup>th</sup> March, 2012. The file was transferred to SEIAA, Jharkhand vide MoEF's letter no.- J-11015/88/2011-IA-II(M), dated 10<sup>th</sup> May, 2013.

PP made presentation against various points mentioned in TOR and Public Hearing. SEAC had asked to PP to provide certain clarification/additional information as mentioned in 16<sup>th</sup> Meeting of SEAC held on 14<sup>th</sup> to 16<sup>th</sup> April, 2014. PP submitted the desired information vide his letter no.-DMM/EC/2014-15, dated 07.05.2014. SEAC in its 17<sup>th</sup> meeting of SEAC held on 07<sup>th</sup> to 10<sup>th</sup> May, 2014 reviewed the same and recommended to SEIAA to initiate credible action. SEIAA in its 19<sup>th</sup> meeting held on 30.05.2014 recorded for taking credible action and accordingly Member Secretary, SEIAA wrote to Principal Secretary, Deptt. of Forests & Environment, Govt. of Jharkhand (letter no.- 411, dated- 12.06.2014) to take credible action. RO, JSPCB, Jamshedpur has filed a case in the office of CGM, Chaibasa vide letter no.-2984, dated- 08.12.2014.

Since credible action have been completed. PP alongwith their consultants M/S Visiontek Consultancy Service Pvt Ltd, Bhubhaneshwar made a request for recommendation of EC in SEAC's meeting held from 16<sup>th</sup> to 18<sup>th</sup> February, 2015.

**Based on the presentation made and information provided, the Committee recommends that the proposal for Gondkida China Clay Mining Project, M/s D. M Minerals Pvt Ltd. Vill. Gondkida, Taluka- Chaibasa Sadar, P.O- Andhari, Thana- Kolhan, P.S-Kumardungi, Dist.-West Singhbhum, Jharkhand. (38.40 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – VI**

**XXVIII. Gondkida China Clay Mining Project of M/s D. M Minerals Pvt Ltd. Vill.- Gondkida, Thana- Kolhan, P.S-Kumardungi, Dist.-West Singhbhum, Jharkhand. (26.591Ha).**

This is a China Clay Mine Project having a lease area of 26.591 Ha. The mining lease was granted mine w.e.f 23.07.1978 for a period of 10 years. As per DMO's certificate no.- 559, dated 31.03.2014 the lessee had applied for renewal of lease which was granted vide Bihar State Gazette no.- CB/M.G-105/88-6611/M, 11.09.1989 for 10 years on 01.07.1997 for 2<sup>nd</sup> renewal and on 20.07.2007 for 3<sup>rd</sup> renewal. The 2<sup>nd</sup> renewal was forward to Govt. of Bihar by DC (East Singhbhum) vide letter no.- dated and 3<sup>rd</sup> renewal is pending with Govt. of Jharkhand. Both the cases are pending. It was noted that PP had not obtained EC. As per Form I they have mentioned a proposed production figure of Crude Ore- 4500 & Washed Ore - 1350 tonnes of China Clay Mine per year. The expected life of mine has been indicated as 20 years. The mine lease area located at latitude 22° 09' 02" to 22° 09' 50" N and longitude 85° 49' 46" to 86° 50' 56" E.

The indicated project cost is Rs 79.14 Lakhs and a provision of Rs 16.85 Lakhs will be kept for Environment management as indicated during presentation.

PP had applied to MoEF for grant of ToR's. This is case of violation. PP submitted and undertaking on 22.11.2011. ToR's were issued by MoEF vide their letter no.- J-11015/87/2011-IA.II(M), dated 07<sup>th</sup> June, 2011. The file was transferred to SEIAA, Jharkhand vide MoEF's letter no.- J-11015/87/2011-IA-II(M), dated 29<sup>th</sup> May, 2013.

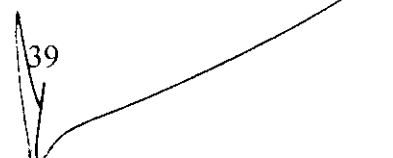
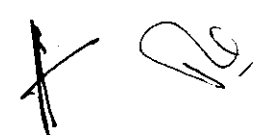
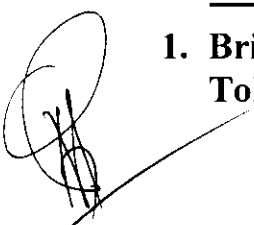
PP made presentation against various points mentioned in TOR and Public Hearing. SEAC had asked to PP to provide certain clarification/additional information as mentioned in 16<sup>th</sup> Meeting of SEAC held on 14<sup>th</sup> to 16<sup>th</sup> April, 2014. PP submitted the desired information vide his letter no.-DMM/EC/2014-15, dated 07.05.2014. SEAC in its 17<sup>th</sup> meeting of SEAC held on 07<sup>th</sup> to 10<sup>th</sup> May, 2014 reviewed the same and recommended to SEIAA to initiate credible action. SEIAA in its 19<sup>th</sup> meeting held on 30.05.2014 recorded for taking credible action and accordingly Member Secretary, SEIAA wrote to Principal Secretary, Deptt. of Forests & Environment, Govt. of Jharkhand (letter no.- 411, dated- 12.06.2014) to take credible action. RO, JSPCB, Jamshedpur has filed a case in the office of CGM, Chaibasa vide letter no.-2985, dated- 08.12.2014.

Since credible action have been completed. PP alongwith their consultants M/S Visiontek Consultancy Service Pvt Ltd, Bhubhaneshwar made a request for recommendation of EC in SEAC's meeting held from 16<sup>th</sup> to 18<sup>th</sup> February, 2015.

**Based on the presentation made and information provided, the Committee recommends that the proposal for Gondkida China Clay Mining Project, M/s D. M Minerals Pvt Ltd. Vill. Gondkida, Thana- Kolhan, P.S-Kumardungi, Dist.-West Singhbhum, Jharkhand. (26.591 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – VI**

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

- 1. Brick Clay Mining for M/S Golu Bricks at Village – Aranda Barangitand Tola, Taluka - Gumla, Dist.- Gumla, Jharkhand. (0.477 ha)**



2. **Brick Clay Mining for M/S Chhinmastika Bricks Construction at Village – Bhuli Basti, Taluka - Dhanbad, Dist.- Dhanbad, Jharkhand. (0.675 ha)**
3. **Brick Clay Mining of M/S N.B.D Bricks at Village- Barugoda, P.S- Peterwar, P.O - Chalkari, Dist.- Bokaro, Jharkhand (1.00 Ha)**

PP's were asked to submit undertaking regarding points mentioned in MoEF L-11011/47/2011-IA.II(M), 24<sup>th</sup> June, 2013 and J-13012/12/2013-IA-II (I), dated-24<sup>th</sup> December, 2013, SEIAA guidelines and following information :-

- i. Compliance report of Mining Permit
- ii. Compliance to consent to operate wrt Kiln
- iii. Distance mining pit to kiln
- iv. Status of approach road
  - a. Mine to Kiln
  - b. Kiln to main road
- v. Civil structures within 100m radius
- vi. Land use pattern
- vii. Plantation and CSR activities
  - a. Carried out earlier
  - b. Proposed
- viii. Land agreement deed
- ix. NOC from Gram Sabha
- x. Village map showing mine pit
- xi. Longitudinal section of mine pit
- xii. Depth of mining < 2
- xiii. Water Level in surrounding dug well
- xiv. Brick kilns in 1 km radius
- xv. In case PP owns the brick kiln then PP has to provide flow chart of manufacturing of brick along with material balance
- xvi. Drainage map of area
  - a. At present
  - b. After excavation

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

4. **Hazardous Waste Management Facility of M/S Adityapur Auto Cluster at Village- Dugni, Tehsil- Saraikela, District- Saraikela – Kharsawan, Jharkhand.**

The proposal is for establishment of Hazardous Waste Management Facility (HWMF) at Dugni, Jharkhand. Adityapur Industrial Area was established in 1972 with a command area of 33.970 Acres. As per EIA Notification 2006, this type (HWMF) of projects requires prior environmental clearance. For this purpose the project proponent submitted Form-I with pre-project feasibility report to MoEF for determination of Terms of Reference for environmental study. The presentation for the Project was made by M/S Crystal Consultants, Ranchi to the EAC for Building Construction, Coastal Regulation Zone, Infrastructure Development and Miscellaneous projects of MoEF in its 106<sup>th</sup> meeting held on 17<sup>th</sup> – 18<sup>th</sup> October, 2011 MoEF. The project was examined by EAC and they issued TOR's vide MoEF letter no. F.No.- 10.84/2011-IA-III dt 23.11.11. This included conduct of Public Hearing.

EIA/EMP was prepared in compliance to TOR. The Draft EIA/EMP was submitted to Jharkhand State Pollution Control Board for public consultation/public hearing. Public Hearing was

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conducted on 10.06.2012. The final EIA/EMP report was prepared and submitted to MoEF for grant of Environment Clearance. The Report was presented by M/S Crystal Consultants, Ranchi before the EAC for Building Construction, Coastal Regulation Zone, Infrastructure Development and Miscellaneous projects of MoEF in its 118<sup>th</sup> meeting held on 8<sup>th</sup> - 9<sup>th</sup> November, 2012. During the discussion, certain observations were made and the committee recommended to defer the proposal and decided that the proposal shall be reconsidered after the above observations are addressed and reply submitted. The PP submitted the replies to the points vide their letter no.- AAC/18/05-13 dated 26<sup>th</sup> May 2013 to MoEF. As informed by PP they had followed up the matter with MoEF and based on the interaction, they had submitted a detailed reply to MoEF vide their letter no.- AAC/06/09-2013 dated 9<sup>th</sup> September, 2013.

Subsequently the file was forwarded to SEIAA, Jharkhand by MoEF vide its letter no. F.No.- 19-108/2012-IA-III dated 5<sup>th</sup> September, 2013 for consideration of SEIAA, Jharkhand. The proposal came up for deliberation in SEAC's meeting in December 2013 wherein replies to above points were presented. As decided in the meeting Shri A.K. Saxena, Chairman, SEAC and Shri S.K. Singh, Member, SEAC visited site on 10.01.2014.

As per the observations made in the site visit report PP has submitted replies to the points raised. However as mentioned in the report two points were pending (i) NOC from AAI and Consent of Establish from JSPCB. It was informed by PP and their consultant that consent to establish will be issued by JSPCB once EC is granted. Regarding NOC from AAI PP has made a representation to SEIAA vide its letter no.- AAC/11/11-14, dated - 21<sup>st</sup> November, 2014 which forwarded to SEAC vide SEIAA letter no.- 632, dated- 31.12.2014. A letter dated 14<sup>th</sup> February, 2015 from PP was received by SEAC which came of discussions during the meeting.

In the letter dated 14<sup>th</sup> February, 2015 the following documents had been attached, which were not provided by PP earlier.

1. The Gazette of India notification dated 14<sup>th</sup> January, 2010 which states
  - I. No building or structure shall be constructed or erected and no tree shall be planted on any land within the limits specified in Annexure I and II from Civil and Defence Aerodromes and Aeronautical communication stations listed in Annexure - IIIA, IIIB, IIIC, IIID and IIIE without obtaining 'No Objection Certificate'.
  - II. For the purpose of issuing of No Objection Certificate referred to in paragraph 1,-
    - a. The Airports Authority of India shall be responsible for issuing the No Objection Certificate on behalf of Central Government in respect of all civil aerodromes in India including the State Government aerodromes and the Private aerodromes where civil commercial flights are operating as listed at Annexure IIIA;
    - b. For Defence aerodromes, defence authorities shall be responsible for issuing No Objection Certificate in accordance with this notification and subject to any other restriction or condition which such authorities deemed fit for issuing the 'No Objection Certificate'.
  - III. No building or structure higher than the height specified in Annexure I and II shall be constructed or erected and no tree which is likely to grow or ordinarily grows higher than the height specified in the said Annexure I and II shall be planted on any land within a radius of twenty kilometres from the aerodrome reference point.

Managing Director, JINFRA and Crystal consultants informed that since the plot for on which Hazardous Waste Management Facility is to be located is at a distance of 21997 meters from ARP. (As per Survey of India letter no.- 224/40-L-3, dated 14.03.2014.) They had discussed the matter with AAI and AAI has told them that NOC is not required.

2. Criteria for Hazardous Waste Landfills brought out by Central Pollution Control Board wherein item no.- 2.0(I). It is stated that no landfill shall be constructed within a zone around Airports as

notified by the regulatory authority or the aviation authority. In this regard Director General of Civil Aviation (DGCA) has put a limit of 10 kms.

Since the proposed site does not fall within 20 kms of the Airport. The committee felt that NOC from AAI may not be called for.

3. MoEF circular 22-83/2014-IA-III, dated 7<sup>th</sup> October, 2014 it has been brought out under Para III.

While appraising the project, the concerned EAC/SEAC may satisfy itself that the TORs have been properly addressed in the EIA/EMP reports and ensure that no fresh issues are raised unless it turns out that the information provided by the project proponent at the time of scoping was wrong and misleading.

In view of the above the committee and decided not to insist for NOC from AAI felt that EC may be recommended, once PP submits proof of transfer of land by Govt. of Jharkhand for establishing the Hazardous Waste Management Facility. Once the same is submitted EC may be recommended.

**5. M/S Sarfaraz Ahmad & Md. Mustak Stone Quarry at Village- Barajori, Dist.- Giridih, Jharkhand (0.530 Ha)**

This is a Stone Mining Project for having an area of 0.530 Ha [Plot No- 309 (P), 312 (P), 313 (P), 321 (P) & 322 (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. 01.06.2003 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 9.04 Lakhs and a provision of Rs 2.51 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 72,163 t

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

1 <sup>st</sup> Year	:	5613 t
2 <sup>nd</sup> Year	:	5805 t
3 <sup>rd</sup> Year	:	6142 t
4 <sup>th</sup> Year	:	6880 t
5 <sup>th</sup> Year	:	7155 t

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The daily production as per Mine Plan is 29 tonnes.

The PP submitted certificate from CO, DFO and DMO but PP was also asked to submit following additional information :-

1. Revised Pre-Feasibility Report.
2. Details of previous production.
3. Details of Environmental Management Plan.
4. Details of Flora & Fauna.

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

**6. Stone Mine of M/S Usha Stone Works at Lohanda Mako, Block – Borio, Dist.- Sahibganj, Jharkhand (3.6867 Ha).**

This is a Stone Mining Project for having an area of 3.6867 Ha [Plot No- 91, 4 (P), 76 (P) & 75 (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 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 09.27 Lakhs and a provision of Rs 3.84 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 17,62,831 t

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

1 <sup>st</sup> Year	:	11,475 t
2 <sup>nd</sup> Year	:	12,150 t
3 <sup>rd</sup> Year	:	13,095 t
4 <sup>th</sup> Year	:	13,635 t
5 <sup>th</sup> Year	:	14,040 t

The daily production as per Form I is 47 tonnes.

The PP submitted certificate from CO, DFO and DMO but PP was also asked to submit following additional information :-

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1. Revised Pre-Feasibility Report.
2. Details of water table.
3. Details of Environmental Management Plan.
4. Details of Flora & Fauna

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

**7. Stone Mine of Mr. Sunil Agarwala at Village- Manderdih, Block- Bengabad, Dist.- Giridih, Jharkhand (0.60 Ha).**

This is a Stone Mining Project for having an area of 0.60 Ha [Plot No- 1226 (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. 03.03.2002 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 13.00 Lakhs and a provision of Rs 2.59 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 78,794 t

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

1 <sup>st</sup> Year	:	7457 t
2 <sup>nd</sup> Year	:	6624 t
3 <sup>rd</sup> Year	:	6545 t
4 <sup>th</sup> Year	:	6258 t
5 <sup>th</sup> Year	:	8172 t

The daily production as per Form I is 27 tonnes.

The PP submitted certificate from CO, DFO and DMO but PP was also asked to submit following additional information :-

1. Revised Pre-Feasibility Report.
2. Details of Environmental Management Plan.
3. Details of Flora & Fauna.

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

**8. Stone Mine of M/S Preeti Agarwala Stone Mines at Village- Goradih, Dist.- Giridih, Jharkhand. (0.89 Ha)**

This is a Stone Mining Project for having an area of 0.89 Ha [Plot No- 43 (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. 08.04.2002 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 15.00 Lakhs and a provision of Rs 2.64 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 1,42,116 t

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

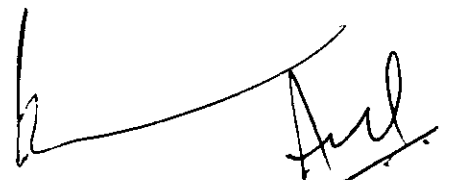
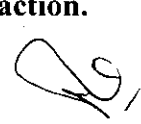

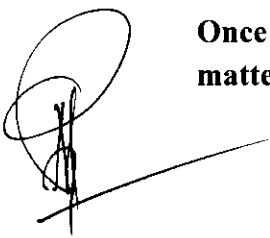
1 <sup>st</sup> Year	:	12,606 t
2 <sup>nd</sup> Year	:	13,579 t
3 <sup>rd</sup> Year	:	11,896 t
4 <sup>th</sup> Year	:	11,490 t
5 <sup>th</sup> Year	:	11,768 t

The daily production as per Form I is 41 tonnes.

The PP submitted certificate from CO, DFO and DMO but PP was also asked to submit following additional information :-

1. Revised Pre-Feasibility Report.
2. Details of CSR activities and Plantation carried out alongwith Photographs.
3. Details of Environmental Management Plan.
4. Details of Flora & Fauna.

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



**9. Dukurdiha Stone Mine of Shri Vivek Kejriwal at Village- Kantabani, P.O. & P.S.-- Chakuliya, Dist.- East Singhbhum, Jharkhand (2.98 Ha)**

This is a Stone Mining Project for having an area of 2.98 Ha [Plot No- 634] . 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. 08.05.2009 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 50.00 Lakhs and a provision of Rs 1.40 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 10,76,614 t

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

1 <sup>st</sup> Year	:	1,00,712 t
2 <sup>nd</sup> Year	:	1,02,833 t
3 <sup>rd</sup> Year	:	1,02,492 t
4 <sup>th</sup> Year	:	1,02,633 t
5 <sup>th</sup> Year	:	1,01,946 t

The daily production as per Form I is 340 tonnes.

The PP submitted certificate from CO, DFO and DMO. This is a case of violation due to increase in production after 2012 as PP did not obtain NOC from JSPCB. PP was asked to submit an undertaking / Board resolution. 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.**

**10.M/s Nityanand Yadav Stone Mine at Vill.- Salpatra, Block- Fatehpur, District – Jamtara , Jharkhand. (1.639 Ha)**

This is a Stone Mining Project for having an area of 1.639 Ha [Plot No- 335 (P)] . The committee noted that as per Form I it is a proposal for existing of mining lease for which PP is



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seeking EC. The lease was valid w.e.f. 05.02.2004 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 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 3.06 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 2,74,185 t

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

1 <sup>st</sup> Year	:	33,210 t
2 <sup>nd</sup> Year	:	33,615 t
3 <sup>rd</sup> Year	:	34,560 t
4 <sup>th</sup> Year	:	34,425 t
5 <sup>th</sup> Year	:	35,505 t

The daily production as per Form I is 118 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. It was observed from the note of CO that the distance from Habitation has been indicated as approx 290 meter and that a tea shops are located at distance of 150 meter. PP has been asked to inform the number of houses (population) and shops.

### **11.Expansion cum Modernization of M/S Mongia Steel Ltd at Village-Burhiadih, Tehsil- Giridih, Dist.- Giridih, Jharkhand.**

As recorded the previous meeting during the meeting, it was decided during the discussion that Shri S.K. Singh, Member, SEAC will visit the site on 26<sup>th</sup> February 2015 and recommend site specific ToR's. Shri A.K. Saxena, Chairman, SEAC will not able to visit the site due to other commitments on 26<sup>th</sup> February, 2015.

### **12.Regularisation cum Expansion of M/S Santpuria Alloys (P) Ltd at Village-Manjhaldih, Tehsil- Gadisrampur, Dist.-Giridih, Jharkhand.**

This is case of violation. PP has submitted an undertaking from Board.

As recorded the previous meeting during the meeting, it was decided during the discussion that Shri S.K. Singh, Member, SEAC will visit the site on 26<sup>th</sup> February 2015 and recommend site specific ToR's. Shri A.K. Saxena, Chairman, SEAC will not able to visit the site due to other commitments on 26<sup>th</sup> February, 2015.

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### **13. Proposals related to Balu Ghats – River bed Sand Mining**

PP alongwith consultant made presentation in respect of following Sand Mining Projects.

- I. Sand Deposit of the Bank of Kharkai River (Block- 2) of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, Dist.- East Singhbhum, Jharkhand (2.218 Ha)**
- II. Sand Deposit of the Bank of Kharkai River (Block- 3 & 4) of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, Dist.- East Singhbhum, Jharkhand (2.134 Ha)**
- III. Sand Deposit of the Bank of Kharkai River (Block- 1) of M/S Baba Enterprises at Village- Jamshedpur Notified Area, Tehsil- Jamshedpur, Dist.- East Singhbhum, Jharkhand (1.312 Ha)**

PP's were asked to submit information as mentioned in SEIAA guidelines, MoEF's notification J-13012/12/2013-IA-II (I), dated-24<sup>th</sup> December, 2013 and following points:-

- i) NOC from Gram Sabha/ District official
- ii) Proposed Afforestation and CSR activities.
- iii) Undertaking that the proposed sand mining project does not fall within stipulated condition for formation of cluster.
- iv) Guidelines of SEIAA, Jharkhand are to be given due consideration while revising the Pre FR
- v) Distance of Mining area from Protected / reserved Forest is to be obtained from DFO.
- vi) Details of Flora / Fauna in the region where the ML Area is located from DFO.
- vii) Existence of Breeding ground of species like Hill Stream Fishes, Turtles, Mastacembelid Fish, Gastropods, Bivalves etc. if any in vicinity and its distance from Mining area is to be obtained from DFO. In case if Breeding ground not there then a NIL report has to be obtained from DFO.
- viii) Mining plan has to be prepared keeping in view the applicable guidelines including distances from nearby structures. Sectional plan is to be shown.
- ix) Contour map showing residential areas with names of villages, intake wells, bridges, etc is to be provided.
- x) Details of River may be i.e. origin to end point be provided for information.
- xi) Distance of Mining areas from nearest civil structures that is intake well, bridge, etc.
- xii) Proposed draft TOR's as applicable.
- xiii) Width of the river on which all these Ghats are situated duly certified by the Central Water Commission / Water Resources Department, Govt. of Jharkhand.

**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 Form I, PFR & Mining Plan by the member of SEAC**

1. Existing project of M/S Super Smelters Ltd at Vill.- Telaiya Basti, Tehsil – Koderma, Dist.- Koderma, Jharkhand.
2. Harup Bauxite & Laterite Mine of Shri Girish Kumar Popat at Village- Harup, Dist.- Gumla, Jharkhand. (45.65 Ha)





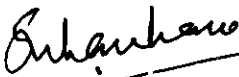
**D. PP was asked to furnish details in earlier meeting. PP was present but did not submit all details / desired information. The list of PP is as follows:-**

1. M/s Bhalki Quartzite Stone Mines of Mr. Varun Kumar at Vill.- Bhalki, Tehsil- Dalbhumgarh, Dist.- East Singhbhum, Jharkhand (0.19 Ha)
2. Taratanr Stone Mine of Sri Devendra Prasad Mehta at Village- Taratanr, Thana-Koderma, Dist-Koderma, Jharkhand (0.61 Ha.)
3. Jonkmari Stone Mine at Village- Jonkmari, Tehsil-Sahibganj, District- Sahibganj, Jharkhand (4.452 Ha)
4. Khesmi Alias Purnanagar Stone Mine of Sri Ram Prasad Saw at Village- Khesmi Alias Purnanagar, Tehsil-Markacho, Dist-Koderma Jharkhand (2.19 Ha.)
5. Khesmi Alias Purnanagar Stone Mine of Sri Ram Prasad Saw at Vill.-Khesmi Alias Purnanagar, Tehsil- Markacho, Dist - Koderma, Jharkhand(0.80 Ha)
6. Kolhaiya Stone Mine at Mouza- Kolhaiya, Block- Hariharganj, Dist.- Palamu, Jharkhand. (0.607 Ha)
7. Bardag Stone Mine at Mouza- Bardag, Thana & Block- Hariharganj, Dist.- Palamu, Jharkhand. (4.89 Ha).
8. Kathwan Granite (Stone) Mine of M/s Ramesh Kumar at Vill.- Kathwan, Thana -Poraiya, Dist.- Godda, Jharkhand. (2.85 Ha)
9. Santushti – Residential Project of M/s Pranami Estates Pvt Ltd at Town-Ranchi, Tehsil- Ranchi Sahar, Dist.-Ranchi, Jharkhand (6,154 Sq.m).
10. “Infinity Sapphire Square” Mall of M/s Pranami Estates Pvt Ltd at Town-Ranchi, Tehsil- Ranchi Sahar, Dist.-Ranchi, Jharkhand (5487.57 Sq.m).

**E. The following is the list of PP’s request for next meeting.**

1. Ganpati Stone Works of Shri Prem Chand Singh & Shri Baijnath Prasad Gupta at Village- Kurkheta, Thana- Bashista Nagrar Jori, Dist.- Chatra, Jharkhand (2.62 Ha)

The meeting concluded with thanks to all present.



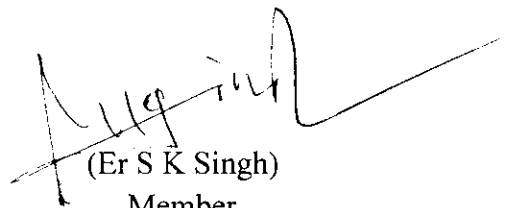
(S.B.S Chauhan)  
Member



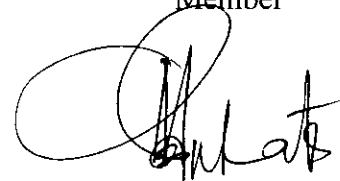
(Dr. R.P. Singh Sangu)  
Member



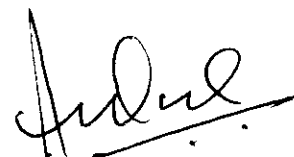
(R.N. Kashyap)  
Secretary



(Er S K Singh)  
Member



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




(A K Saxena)  
Chairman

**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.
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.
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.
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> ,NOx (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
13. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom



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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 be submitted 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 Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



**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.
8. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
9. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
10. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
11. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be



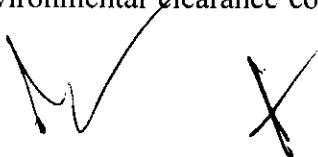
utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.

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

25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
26. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
27. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

**B. General conditions**

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



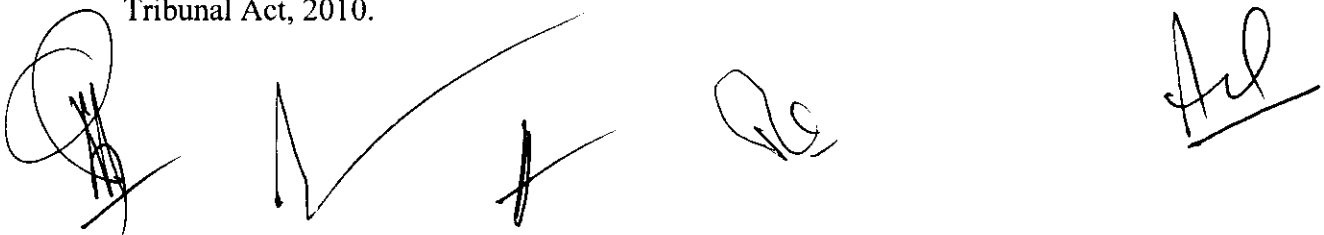


copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.

14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

### C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of grant of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and 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.



**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.
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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.
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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**

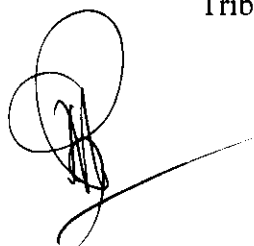
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12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
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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.

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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.
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**A. Specific Conditions**

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





or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.

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

### C. Other points

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



**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.
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.
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.
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)

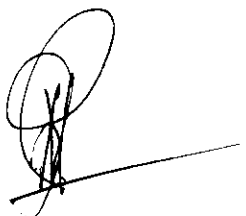
**A. Specific Conditions**

1. The Environmental Clearance is subject to renewal of mining lease as per rule 24A of mineral concession Rule 1960 and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. All the conditions stipulated by the State Pollution Control Board in their NOC shall be effectively implemented.
3. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
4. Necessary permission from the Forest Department for transportation of mineral through the forest road shall be revalidated before restarting mining operation.
5. The mining operations shall be restricted to above ground water table and it should not intersect 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.
6. The project proponent shall ensure that no natural watercourse 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.
7. Top soil should be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.
8. The entire waste generated shall be backfilled and there shall be no external over burden dump left at the end of the mine life. The entire backfilled area shall be reclaimed by plantation. The back filling should be carried out in such a manner that it is restored to the normal ground level. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
9. Catch drains and siltation ponds of appropriate size should be constructed for the working pit, temporary OB dumps, if any and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly.
10. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and temporary dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.
11. Dimension of the retaining wall at the toe of temporary dumps and OB benches within the mine to check run-off and siltation should be based on the rain fall data.
12. Plantation shall be raised in the 7.5m wide green belt in the safety zone around the mining lease by planting the native species around ML area, backfilled and reclaimed area, around water

body, roads etc. in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha.

13. Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul road, loading and unloading point and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
14. The project authority 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/ Authority.
15. Regular monitoring of ground water level and quality should be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring should be carried out four times in a year i.e. January, April-May, August, November and the data thus collected may be sent regularly to Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office / Ground Water Directorate, Government of Jharkhand / Central Ground Water Board / Authority.
16. The project authorities should obtain prior approval of the competent authority for drawl 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 / Authority.
18. Vehicular emissions should 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 vehicles should be covered with a tarpaulin and shall not be overloaded.
19. Blasting operation should be carried out only during the daytime. Controlled blasting should 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 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. 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. Consent to operate should be obtained from JSPCB before starting production from the mine.

**B. General conditions**



1. No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.
2. No change in the calendar plan including excavation, quantum of mineral bauxite and waste should be made.
3. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
4. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for SPM / RSPM (PM10 and PM 2.5) levels, SO<sub>2</sub> & NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
6. 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. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
7. Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
8. Industrial wastewater (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of effluents from workshop.
9. 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.
10. Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. Dispensary facilities for First Aid shall be provided at site.
11. A separate environmental management 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.
12. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purposes. Year-wise expenditure should be reported to the Ministry and its Regional Office located at Bhubaneswar.
13. 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.
14. 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.



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15. 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.
16. 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. JSPCB should display a copy of the clearance letter at the Regional Office, District Industry Centre and DC's, Circle Officer's Office for 30 days. The project authorities should also advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the Jharkhand State Pollution Control Board.
17. The environmental statement for each financial year ending 31st 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 be sent to the concerned Regional Office of JSPCB by e-mail.
18. 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. 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.
3. The Environmental Clearance accorded shall be valid for the period of renewal of lease (generally 20 years) / life of mine or for 30 years whichever is less. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
4. 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.
5. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
6. 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.

