

PART- B MINUTES OF THE 25th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 12th to 15th JANUARY 2015

The 25th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 12th to 15th January 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) Shatrunjay Kumar Singh - Member
6. Shri R.N. Kashyap - Secretary

Prof (Dr) R.N. Kashyap, member could not attend the meeting due to personal reasons.

Various projects which were received by SEIAA after the previous SEAC meeting held from 15th to 18th December 2014 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 Sahu Bricks at Village-Jainagar, Tehsil- Patratu, Dist.-Ramgarh, Jharkhand (0.55 Ha).

This is a Brick Clay Mining Project for having an area of 0.55 Ha [Plot No- 841]. 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. I-11011/47/2011-IA.II(M), dated- 24th 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 27.80 Lakhs and a provision of Rs 1.82 Lakhs will be kept for Environment management.

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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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual excavation capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Sahu Bricks at Village-Jainagar, Tehsil-Patratu, Dist.-Ramgarh, Jharkhand (0.55 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 Vijay Singh Enterprises at Village-Salboni, Tehsil-Ghatsila, Dist.-East Singhbhum, Jharkhand. (0.81 Ha)

This is a Brick Clay Mining Project for having an area of 0.81 Ha [Plot No- 365 & 378]. 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- 24th 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 38.45 Lakhs and a provision of Rs 2.38 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 excavation capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Vijay Singh Enterprises at Village- Salboni, Tehsil- Ghatsila, Dist.-East Singhbhum, Jharkhand (0.81Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.

iii. Brick Clay Mining of M/s MRF Bricks at Village- Chainghara, Tehsil-Patratu, Dist.-Ramgarh, Jharkhand (0.575 Ha)

This is a Brick Clay Mining Project for having an area of 0.575 Ha [Plot No- 447 to 449]. 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

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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- 24th 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 29.00 Lakhs and a provision of Rs 1.81 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

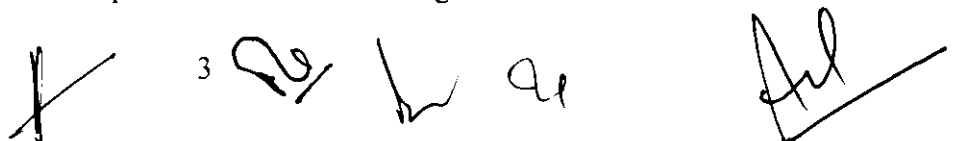
Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s MRF Bricks at Village- Chainghara, Tehsil- Patratu, Dist.-Ramgarh, Jharkhand (0.575 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.

iv. Brick Clay Mining of M/s N.N.C Bricks at Village- Piri, Tehsil-Barkakana, Dist.-Ramgarh, Jharkhand. (0.93 Ha)

This is a Brick Clay Mining Project for having an area of 0.93 Ha [Plot No- 751 to 753 & 755]. 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- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme. Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 39.85 Lakhs and a provision of Rs 2.54 Lakhs will be kept for Environment management.

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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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual excavation capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s N.N.C Bricks at Village- Piri, Tehsil-Barkakana, Dist.-Ramgarh, Jharkhand. (0.93 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 of M/s N.B.C Bricks at Village- Piri, Tehsil-Barkakana, Dist.-Ramgarh, Jharkhand. (0.81 Ha)

This is a Brick Clay Mining Project for having an area of 0.81 Ha [Plot No- 605]. 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- 24th 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 2.28 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 22nd Meeting held on 04/08/2014 vide item 32.

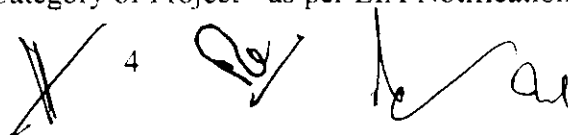
The proposed annual excavation capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s N.B.C Bricks at Village- Piri, Tehsil-Barkakana, Dist.-Ramgarh, Jharkhand. (0.81 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 of M/s Sunny Bricks at Village-Khapiya, Tehsil-Chainghara, Dist.-Ramgarh, Jharkhand (1.01 Ha)

This is a Brick Clay Mining Project for having an area of 1.01 Ha [Plot No- 620]. 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

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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- 24th 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 2.54 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual excavation capacity as per Form I has been indicated as 1584 m³.

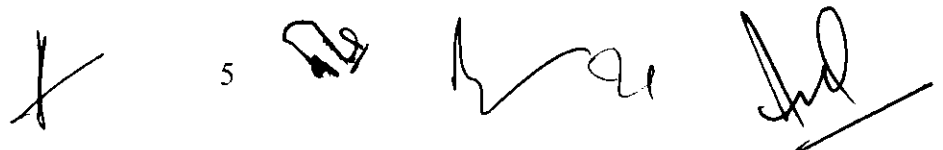
Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Sunny Bricks at Village- Khapiya, Tehsil- Chainghara, Dist.- Ramgarh, Jharkhand (1.01 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.

vii. Brick Clay Mining of M/s Raja Bricks at Village-Teliyatu, Tehsil- Barkakana, Dist.- Ramgarh, Jharkhand. (0.81 Ha)

This is a Brick Clay Mining Project for having an area of 0.81 Ha [Plot No- 1680 to 1684]. 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- 24th 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 36.75 Lakhs and a provision of Rs 2.22 Lakhs will be kept for Environment management.

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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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual excavation capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Raja Bricks at Village-Teliyatu, Tehsil-Barkakana, Dist.- Ramgarh, Jharkhand. (0.81 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 Prantik Dixit Bricks at Mouza- Manipur, P.O- Kandra, Dist.-Saraikela Kharsawan, Jharkhand (0.98 Ha)

This is a Brick Clay Mining Project for having an area of 0.98 Ha [Plot No- 60, 62, 73, 74, 76, 77 (P) & 78]. 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- 24th 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 1.18 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 22nd Meeting held on 04/08/2014 vide item 32.

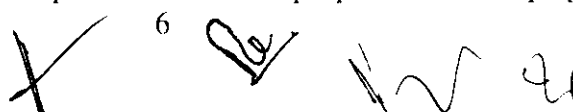
The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Prantik Dixit Bricks at Mouza- Manipur, P.O- Kandra, 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.

ix. Brick Clay Mining of M/s Dilip Jaluka Bricks at Village- Bhangabad, P.O & P.S- MGM, Dist.-East Singhbhum, Jharkhand (0.99 Ha).

This is a Brick Clay Mining Project for having an area of 0.99 Ha [Plot No- 105, 106, 108 & 111]. The committee noted that as per Form I it is a proposal for new project for which PP is

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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- 24th 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 1.11 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 22nd Meeting held on 04/08/2014 vide item 32.

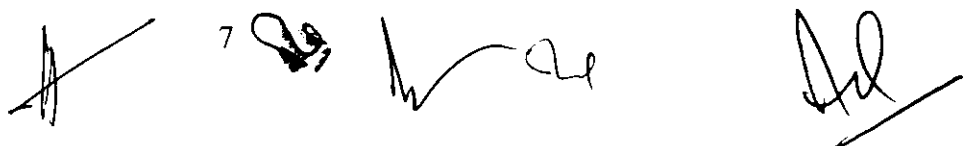
The proposed annual production capacity as per Form I has been indicated as 2640 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Dilip Jaluka Bricks at Village- Bhangabad, P.O & P.S- MGM, 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.

x. Brick Clay Mining of M/s Kamal Bricks at Village- Karnidih, P.S- Chandil, Dist.-Saraikela Kharsawan, Jharkhand (0.94 Ha)

This is a Brick Clay Mining Project for having an area of 0.94 Ha [Plot No- 1433, 1436 to 1439]. 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- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme. Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have

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any major impact on the surroundings. The indicated project cost is Rs 49.7 Lakhs and a provision of Rs 1.3 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Kamal Bricks at Village- Karnidih, P.S- Chandil, Dist.-Saraikela Kharsawan, Jharkhand (0.94 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 of M/s Binny Builder (R.S.S Bricks) at Village- Tikaratoli, P.O & P.S- Piska Nagri, Dist.-Ranchi, Jharkhand (1.00 Ha)

This is a Brick Clay Mining Project for having an area of 1.00 Ha [Plot No- 1000]. 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.

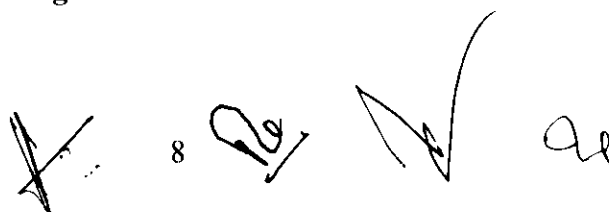
The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme. Environmental protection measures proposed to be adopted. proposal for carrying out CSR activities for socio-economic 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 35.00 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Binny Builder (R.S.S Bricks) at Village- Tikaratoli, P.O & P.S- Piska Nagri, Dist.-Ranchi, 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.

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xii. Brick Clay Mining of M/s Shiv Shakti Brick Field at Village- Barwadih , P.O- Kankomath, Dist.-Dhanbad, Jharkhand. (0.844 Ha)

This is a Brick Clay Mining Project for having an area of 0.844 Ha [Plot No- 173 & 174]. 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- 24th 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 44.50 Lakhs and a provision of Rs 1.03 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

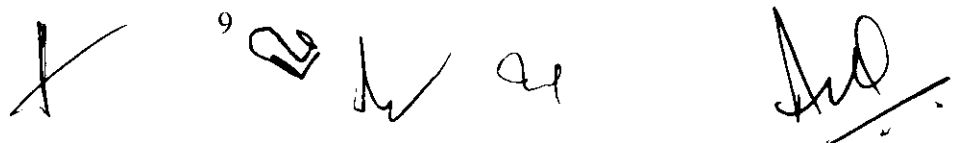
Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Shiv Shakti Brick Field at Village- Barwadih , P.O- Kankomath, Dist.-Dhanbad, Jharkhand. (0.844 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.

xiii. Brick Clay Mining of M/s Choudhary Brick Field at Village-Bolaitand, P.O & P.S- Rajganj, Dist.-Dhanbad, Jharkhand. (0.561 Ha)

This is a Brick Clay Mining Project for having an area of 0.561 Ha [Plot No- 931, 936 & 956]. 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- 24th 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

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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 38.67 Lakhs and a provision of Rs 1.12 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Choudhary Brick Field at Village-Bolaitand, P.O & P.S- Rajganj, Dist.- Dhanbad, Jharkhand. (0.561 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 S.M.M Bricks at Village-Kumhariya, P.O-Sadkandu, P.S-Pithoria, Dist.-Ranchi, Jharkhand (0.75 Ha)

This is a Brick Clay Mining Project for having an area of 0.75 Ha [Plot No- 1748, 1750 & 1735]. 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- 24th 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 33.00 Lakhs and a provision of Rs 1.90 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 2640 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s S.M.M Bricks at Village-Kumhariya, P.O-

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Sadkandu, P.S- Pithoria, Dist.-Ranchi, Jharkhand (0.75 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 of M/s Murlidhar Choudhary Bricks Company at Village-Kodwatand, P.O- Kharni, Dist.-Dhanbad, Jharkhand (0.47 Ha)

This is a Brick Clay Mining Project for having an area of 0.47 Ha [Plot No- 112]. 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- 24th 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 6.00 Lakhs and a provision of Rs 0.6 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 22nd Meeting held on 04/08/2014 vide item 32.

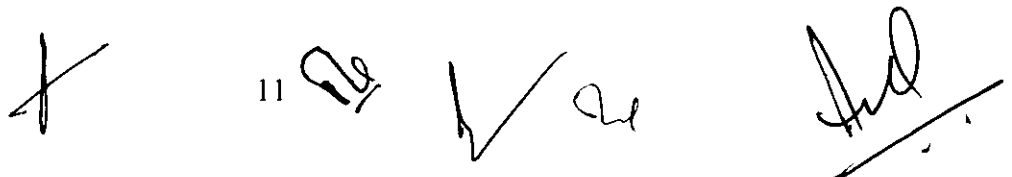
The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Murlidhar Choudhary Bricks Company at Village-Kodwatand, P.O- Kharni, Dist.-Dhanbad, Jharkhand (0.47 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 of M/s BRB Bricks at Village- Piri, P.O-Barkakana, Dist. Ramgarh, Jharkhand. (0.58 Ha)

This is a Brick Clay Mining Project for having an area of 0.58 Ha [Plot No- 544]. 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 in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th 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 8.3 Lakhs and a provision of Rs 2.4 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s BRB Bricks at Village- Piri, P.O- Barkakana, Dist. Ramgarh, Jharkhand. (0.58 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.

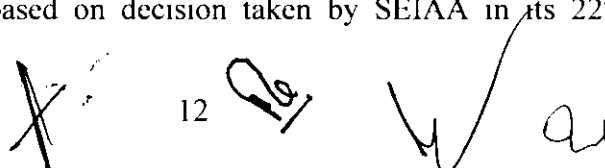
xvii. Brick Clay Mining of M/s Jai Ram Bricks at Village-Lalchak, P.O- Kankomath, P.S- Katras, Dist.-Dhanbad, Jharkhand (0.86 Ha).

This is a Brick Clay Mining Project for having an area of 0.86 Ha [Plot No- 104 & 116]. 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- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 39.00 Lakhs and a provision of Rs 2.00 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 22nd Meeting held on 04/08/2014 vide item 32.

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The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Jai Ram Bricks at Village- Lalchak, P.O- Kankomath, P.S - Katras, Dist. - Dhanbad, Jharkhand (0.86 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 of M/s M.B.E Bricks at Village-Chitarpur, P.O & P.S- Topchanchi, Dist.-Dhanbad, Jharkhand. (0.91 Ha)

This is a Brick Clay Mining Project for having an area of 0.91 Ha [Plot No- 2175 to 2177, 2179, 2180 & 2192]. 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- 24th 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 41.00 Lakhs and a provision of Rs 1.3 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 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s M.B.E Bricks at Village-Chitarpur, P.O & P.S-Topchanchi, Dist.-Dhanbad, Jharkhand. (0.91 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.

xix. Brick Clay Mining of M/s Sagar Bricks at Village-Tilatand, P.O- Chandore, P.S- Telulmari, Dist.- Dhanbad, Jharkhand. (0.70 Ha)

This is a Brick Clay Mining Project for having an area of 0.70 Ha [Plot No- 951 to 955]. 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- 24th 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 41.00 Lakhs and a provision of Rs 1.12 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 2640 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Sagar Bricks at Village-Tilatand, P.O- Chandore, P.S- Telumari, Dist.- Dhanbad, Jharkhand. (0.70 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure I.




xx. Brick Clay Mining of M/s Star Bricks at Village- Kamlapur, P.O- Ponda, Dist.- Bokaro, Jharkhand (1.01 Ha)

This is a Brick Clay Mining Project for having an area of 1.01 Ha [Plot No- 363 to 365, 369 & 372]. 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- 24th 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 42.22 Lakhs and a provision of Rs 2.11 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 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

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Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/s Star Bricks at Village- Kamlapur, P.O- Ponda, Dist.- Bokaro, 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.

xxi. Brick Clay Mining for M/s Sanjay Bricks Product at Vill.- Kharsati, P.O./ P.S- Ghatsila, Dist-East Singhbhum, Jharkhand (0.40 Ha)

This is a Brick Clay Mining Project for having an area of 0.40 Ha [Plot No- 221 (P)]. The PP indicated vide letter dated 18.11.2014 that this project was a case of renewal that some additional Plot no. 212 to 215 & 220 were mentioned in the original application for which renewal is not applicable. PP has written that he will apply separately for getting EC in respect of plot no.- 212 to 215 & 220. Plot no. 221(P) which is mentioned in the mining permit (renewal) is to be considered only for grant of EC. Since this is a case of renewal and the distance of the mine from forest is 80 m against stipulation of 50 m. Based on the above information, SEAC recommends for grant of EC for Plot no.- 221 (P) only. SEAC has examined the same. 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- 24th 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 42.6 Lakhs and a provision of Rs 0.85 Lakhs will be kept for Environment management.

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

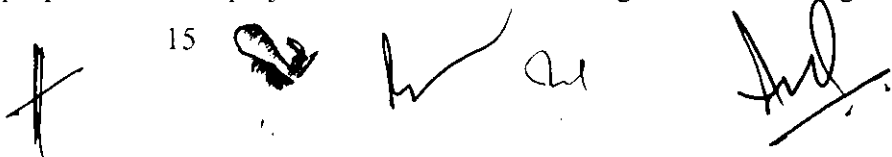
The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining for M/s Sanjay Bricks Product at Vill.- Kharsati, P.O/ P.S- Ghatsila, Dist-East Singhbhum, 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.

2. Proposals related to Stone Mine (New Project)

i. Dumraon Stone Deposit of Shri Rajesh Kumar Mehta at Village Dumraon, Thana- Ichak, Dist.-Hazaribagh, Jharkhand (1.01 Ha.)

This is a Stone Mining Project for having an area of 1.01 Ha [Plot No- 8068] . The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering

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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 40.00 Lakhs and a provision of Rs 1.75 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 1,49,450 t

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

1 st Year	:	15,271 t
2 nd Year	:	15,244 t
3 rd Year	:	15,287 t
4 th Year	:	15,331 t
5 th Year	:	15,485 t

The daily average production based on 300 working days as per is 52 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 Dumraon Stone Deposit of Shri Rajesh Kumar Mehta at Village Dumraon, Thana- Ichak, Dist.- Hazaribagh, 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

ii. Karmali Stone Deposit of M/s Buddha Smriti Mining Infracon Pvt Ltd at Village- Karmali, Thana- Jori, Dist.- Chatra, Jharkhand. (2.428 Ha)

This is a Stone Mining Project for having an area of 2.428 Ha [Plot No- 2 (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 50.00 Lakhs and a provision of Rs 2.10 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 9,74,106 t

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

1 st Year	:	1,02,195 t
2 nd Year	:	1,01,879 t
3 rd Year	:	1,02,233 t
4 th Year	:	1,02,222 t
5 th Year	:	1,02,192 t

The daily average production based on 300 working days as per is 341 tonnes.

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



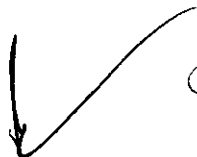


Based on the presentation made and information provided, the Committee recommends that the proposal for Karmali Stone Deposit of M/s Buddha Smriti Mining Infracon Pvt Ltd at Village- Karmali, Thana- Jori, Dist.- Chatra, Jharkhand. (2.428 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II

iii. Karmali Stone Deposit of M/s Shipra Power & Fuel Pvt Ltd at Village- Karmali, Thana- Jori, Dist.- Chatra, Jharkhand. (2.428 Ha)

This is a Stone Mining Project for having an area of 2.428 Ha [Plot No- 2/105 (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 52.00 Lakhs and a provision of Rs 2.10 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

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Mineable Proved Reserve : 12,66,249 t

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

1 st Year	:	1,28,801 t
2 nd Year	:	1,28,315 t
3 rd Year	:	1,28,239 t
4 th Year	:	1,28,612 t
5 th Year	:	1,28,312 t

The daily production as per Form I is 429 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 Karmali Stone Deposit of M/s Buddha Smriti Mining Infracon Pvt Ltd at Village- Karmali, Thana- Jorí, Dist.- Chatra, Jharkhand. (2.428 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II

iv. Ghujadih Stone Deposit of M/s Suryashakti Mines & Metals Pvt. Ltd.at Village-Ghujadih, Thana- Pachamba, Dist.-Giridih, Jharkhand (1.21 Ha).

This is a Stone Mining Project for having an area of 1.21 Ha [Plot No- 31]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

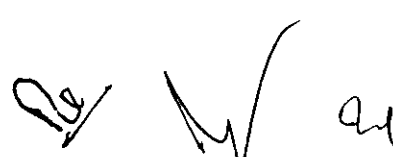
The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakhs and a provision of Rs 1.40 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 3,90,714 t

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

1 st Year	:	39,474 t
2 nd Year	:	39,258 t
3 rd Year	:	39,539 t
4 th Year	:	40,649 t
5 th Year	:	39,809 t



The daily production as per Form I is 132 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 Ghujadih Stone Deposit of M/s Suryashakti Mines & Metals Pvt. Ltd. at Village-Ghujadih, Thana- Pachamba, Dist.-Giridih, 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

v. Gadhikala Stone Deposit of Shri Sudhir Prasad Singh & Shri Sambhu Singh at Village- Gadhikala, Thana- Dewari, Dist.-Giridih, Jharkhand. (0.44 Ha)

This is a Stone Mining Project for having an area of 0.44 Ha [Plot No- 1184 (P), 1187 (P) to 1189 (P), 1191 (P) to 1193 (P) & 1198 (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 65.00 Lakhs and a provision of Rs 1.05 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 80.128 t

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

1 st Year	:	8041 t
2 nd Year	:	8284 t
3 rd Year	:	8227 t
4 th Year	:	8240 t
5 th Year	:	8254 t

The daily production as per Form I is 27 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 Gadhikala Stone Deposit of Shri Sudhir Prasad Singh & Shri Sambhu Singh at Village- Gadhikala, Thana- Dewari, Dist.-Giridih, Jharkhand. (0.44 Ha)

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

vi. Basia Stone Mine of M/S Sarthak Stone at Village-Basia, Tehsil- Basia, Dist.- Gumla, Jharkhand. (2.12 Ha)

This is a Stone Mining Project for having an area of 2.12 Ha [Plot No- 1779 (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 18.50 Lakhs and a provision of Rs 4.75 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 3,64,762 t

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

1 st Year	:	56,829 t
2 nd Year	:	60,631 t
3 rd Year	:	60,631 t
4 th Year	:	59,376 t
5 th Year	:	63,466 t

The daily production as per Form I is 212 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 Basia Stone Mine of M/S Sarthak Stone at Village-Basia, Tehsil- Basia, Dist.- Gumla, Jharkhand. (2.12 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II

vii. Stone Boulder Mining of Md. Izhar Karim at Village- Padapahar, P.O - Kolhan, Dist. - West Singhbhum, Jharkhand (1.01 Ha)

This is a Stone Mining Project for having an area of 1.01 Ha [Plot No- 2901 (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 40.00 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 : 2,14,224 t

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

1 st Year	:	41,602 t
2 nd Year	:	41,785 t
3 rd Year	:	42,088 t
4 th Year	:	41,926 t
5 th Year	:	46,771 t

The daily production as per Form I is 159 tonnes.

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

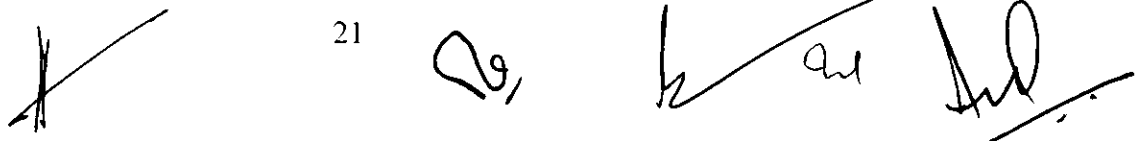
Based on the presentation made and information provided, the Committee recommends that the proposal for Stone Boulder Mining of Md. Izhar Karim at Village- Padapahar, P.O - Kolhan, Dist. - West Singhbhum, Jharkhand (1.01 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – II

2. Proposals related to Stone Mine (Renewal Project)

viii. Jumal Stone Mine of M/s Kashinath Sharma at Village- Jumal, P.O - Govindpur, Dist.- Saraikela Kharsawan, Jharkhand. (0.98 Ha)

This is a Stone Mining Project for having an area of 0.98 Ha [Plot No- 497] . The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 16.08.2010 to 30.07.2014.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic



development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakhs and a provision of Rs 5.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 2.09.614 t

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

1 st Year	:	21,227 t
2 nd Year	:	21,238 t
3 rd Year	:	21,244 t
4 th Year	:	21,230 t
5 th Year	:	21,260 t

The daily production as per Form I is 71 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 Jumal Stone Mine of M/s Kashinath Sharma at Village- Jumal, P.O - Govindpur, 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 – III

ix. Kashinathpur Stone Mine of Sri Atanu Sinha at Village- Kashinathpur, Tehsil- Maheshpur, Dist.- Pakur, Jharkhand (2.18 Ha)

This is a Stone Mining Project for having an area of 2.18 Ha [Plot No- 307] . 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. 20.07.2002 to 19.07.2012.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 15.00 Lakhs and a provision of Rs 1.50 Lakhs will be kept for Environment management.

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The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 10,61,440 t

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

1 st Year	:	26,321 t
2 nd Year	:	26,885 t
3 rd Year	:	27,675 t
4 th Year	:	27,616 t
5 th Year	:	28,110 t

The daily production as per Form I is 100 tonnes.

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

Based on the presentation made and information provided the Committee recommends that the proposal for Kashinathpur Stone Mine of Sri Atanu Sinha at Village- Kashinathpur, Tehsil- Maheshpur, Dist- Pakur, Jharkhand (2.18 Ha.) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

x. Stone Mine of Mr. Bamapada Auddy at Vill.- Saldaha, Block- Baghmara, District- Dhanbad, Jharkhand (0.4047 Ha)

This is a Stone Mining Project for having an area of 0.4047 Ha [Plot No- 421 (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. 04.07.2000 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.

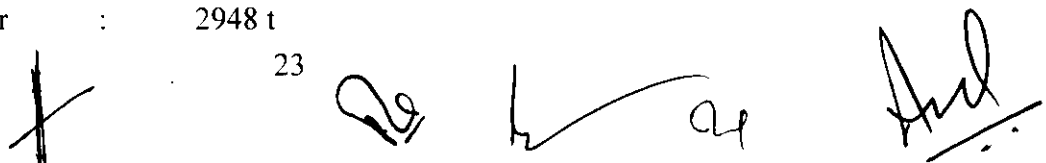
The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, 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 2.46 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 26,638 t

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

1 st Year	:	2911 t
2 nd Year	:	2916 t
3 rd Year	:	2975 t
4 th Year	:	2948 t



The daily production as per Form I is 10 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 Mr. Bamapada Auddy at Vill.- Saldaha, Block- Baghmara, District- Dhanbad, Jharkhand (0.4047 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure - III

xi. Rajbandh Stone Mine of M/s Sunita Ganguly at Village- Rajbandh, Thana- Pakur, Dist.- Pakur, Jharkhand. (1.11 Ha)

This is a Stone Mining Project for having an area of 1.11 Ha [Plot No- 581 (P)] . The committee noted that as per Form I it is a proposal for increase in production 80,000 cft to 2199 tpd. As per the application the mine will operate for one-year only to meet the infrastructure requirement for which PP is seeking EC. The mining lease is valid w.e.f. 24.07.2011 to 23.07.2021.. As per the application the mine will operate for one year only to meet the information required. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 24.00 Lakhs and a provision of Rs 3.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 4,53,377 t

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

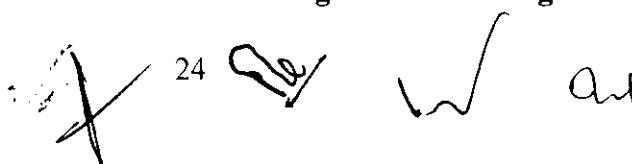
1st Year : 1.85,446 t

The daily production as per Form I is 2199 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 Rajbandh Stone Mine of M/s Sunita Ganguly at Village- Rajbandh, Thana- Pakur, Dist.- Pakur, Jharkhand. (1.11 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

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xii. Kalidaspur Stone Mine of M/s Prakash Chandra Choudhary at Village- Kalidaspur, Thana- Pakur, Dist.- Pakur, Jharkhand. (1.13 Ha)

This is a Stone Mining Project for having an area of 1.13 Ha [Plot No- 1618 to 1620, 1622 (P), 1623 to 1626 & 1634 (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. 16.08.2002 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 26.00 Lakhs and a provision of Rs 1.50 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 6,17,692 t

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

1 st Year	:	22,635 t
2 nd Year	:	23,148 t
3 rd Year	:	24,761 t
4 th Year	:	23,427 t
5 th Year	:	26,730 t

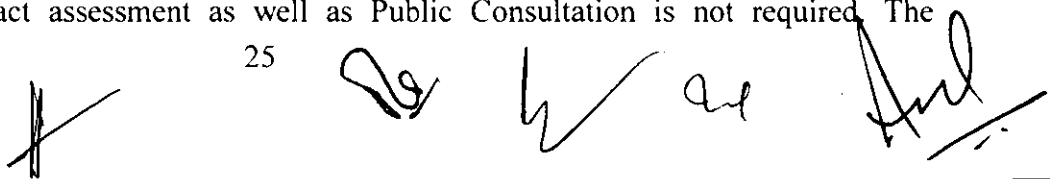
The daily production as per Form I is 100 tonnes.

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

Based on the presentation made and information provided the Committee recommends that the proposal for Kalidaspur Stone Mine of M/s Prakash Chandra Choudhary at Village- Kalidaspur, Thana- Pakur, Dist.- Pakur, Jharkhand. (1.13 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

xiii. Jiyajori Stone Mine of M/s Cygnate Stone Works at Village- Jiyajori, Thana- Hiranpur, Dist.- Pakur, Jharkhand. (1.62 Ha)

This is a Stone Mining Project for having an area of 1.62 Ha [Plot No- 188, 192, 195 (P), 196 & 197 (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. 16.09.2002 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The



committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 26.00 Lakhs and a provision of Rs 1.74 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 3,82,251 t

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

1 st Year	:	18,430 t
2 nd Year	:	28,135 t
3 rd Year	:	28,443 t
4 th Year	:	38,389 t
5 th Year	:	35,542 t

The daily production as per Form I is 115 tonnes.

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

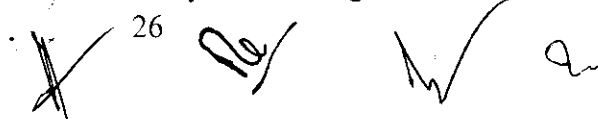
Based on the presentation made and information provided the Committee recommends that the proposal for Jiyajori Stone Mine of M/s Cygnate Stone Works at Village- Jiyajori, Thana- Hiranpur, Dist.- Pakur, Jharkhand. (1.62 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

xiv. Stone Mine of Shri Mahesh Kumar Mishra at Village- Nagarkeshwari, P.O- Keshwari, Dist.- Giridih, Jharkhand (1.14 Ha)

This is a Stone Mining Project for having an area of 1.14 Ha [Plot No- 37 (P) & 49 (P) to 53 (P)] . The committee noted that as per Form I it is a proposal for transfer of existing of lease for which PP is seeking EC. The lease was valid w.e.f. 27.09.2006 to 26.09.2016 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

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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 11.50 Lakhs and a provision of Rs 2.75 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 1,01,493 t

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

1 st Year	:	10,649 t
2 nd Year	:	10,562 t
3 rd Year	:	10,714 t
4 th Year	:	10,784 t
5 th Year	:	10,792 t

The daily production as per Form I is 35 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 Shri Mahesh Kumar Mishra at Village- Nagarkeshwari, P.O- Keshwari, Dist.- Giridih, Jharkhand (1.14 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

xv. Stone Mine of Mr. Raj Kumar Pathak at Vill.- Mednisar, Tehsil- Mednisar, District- Giridih , Jharkhand (0.8741 Ha).

This is a Stone Mining Project for having an area of 0.8741 Ha [Plot No- 1356 (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. 28.06.2002 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 20.00 Lakhs and a provision of Rs 2.61 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 3,54,376 t

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

1 st Year	:	44,820 t
2 nd Year	:	46,369 t
3 rd Year	:	51,367 t
4 th Year	:	58,793 t
5 th Year	:	60,211 t

The daily production as per Mine Plan is 218 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 Mr. Raj Kumar Pathak at Vill.- Mednisar, Tehsil- Mednisar, District- Giridih, Jharkhand (0.8741 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

xvi. Banspahar Stone Mine of M/S Bhai Bhai Stone Works at Village-Banspahar, Tehsil- Barhait, Dist.-Sahibganj, Jharkhand. (2.995 Ha)

This is a Stone Mining Project for having an area of 2.995 Ha [Plot No- 53 to 55, 60 & 61 (P)] . The committee noted that as per Form I it is a proposal for transfer of existing of lease for which PP is seeking EC. The lease was valid w.e.f. 23.09.2012 to 07.11.2017.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 16.75 Lakhs and a provision of Rs 3.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

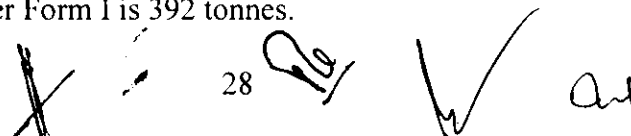
Mineable Proved Reserve	:	11,42,359 t
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Year-wise Production as proposed under Mining Plan Report for five years is as follows

1 st Year	:	1,17,391 t
2 nd Year	:	1,17,520 t
3 rd Year	:	1,17,229 t
4 th Year	:	1,17,377 t
5 th Year	:	1,17,377 t

The daily production as per Form I is 392 tonnes.

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

Based on the presentation made and information provided the Committee recommends that the proposal for Banspahar Stone Mine of M/S Bhai Bhai Stone Works at Village- Banspahar, Tehsil- Barhait, Dist.-Sahibganj, Jharkhand. (2.995 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

xvii. Pahardih Stone Mine of Sri Dilip Kumar Thakur at Village- Pahardih, Tehsil- Mohanpur, Dist- Deoghar, Jharkhand (2.02 Ha)

This is a Stone Mining Project for having an area of 2.02 Ha [Plot No- 211 (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. 20.09.2002 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan. Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 26.00 Lakhs and a provision of Rs 2.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 2,51,918 t

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

1 st Year	:	40,824 t
2 nd Year	:	54,270 t
3 rd Year	:	65,610 t
4 th Year	:	62,985 t
5 th Year	:	40,241 t

The daily production as per Form I is 176 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 Pahardih Stone Mine of Sri Dilip Kumar Thakur at Village- Pahardih, Tehsil- Mohanpur, Dist- Deoghar, Jharkhand (2.02 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

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xviii. Srirampur Stone Mine of M/s Otan Das & Co.. at Village – Srirampur, Thana -Pakur, Dist.-Pakur, Jharkhand (1.619 Ha)

This is a Stone Mining Project for having an area of 1.619 Ha [Plot No-548 (P) to 553 (P) & 554 to 561]. The committee noted that as per Form I it is a proposal for renewal of lease for which PP is seeking EC. The lease was valid w.e.f. 21.10.2009 to 26.02.2012.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakhs and a provision of Rs 1.60 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 4,53,330 t

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

1 st Year	:	47,844 t
2 nd Year	:	47,852 t
3 rd Year	:	47,839 t
4 th Year	:	47,863 t
5 th Year	:	47,914 t

The daily production as per Form I is 160 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 Srirampur Stone Mine of M/s Otan Das & Co.. at Village – Srirampur, Thana -Pakur, Dist.-Pakur, Jharkhand (1.619 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

xix. Paharpur Stone Mine of Shri Pankaj Kumar at Village- Paharpur, Thana- Sarath, Dist.-Deoghar, Jharkhand (2.17 Ha.)

This is a Stone Mining Project for having an area of 2.17 Ha [Plot No- 712 (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. 01.01.2002 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 40.00 Lakhs and a provision of Rs 2.00 Lakhs will be kept for Environment management.

The details of mine capacity as provided in Mining Plan are

Mineable Proved Reserve : 5,01,093 t

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

1 st Year	:	50,450 t
2 nd Year	:	50,409 t
3 rd Year	:	50,417 t
4 th Year	:	50,447 t
5 th Year	:	50,439 t

The daily production as per Mine Plan is 168 tonnes.

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

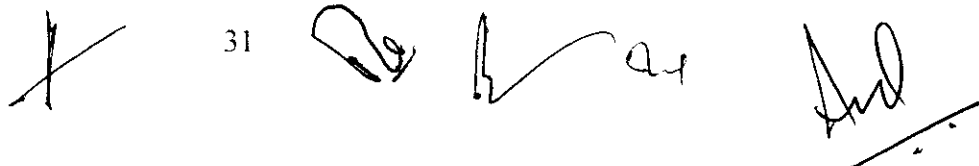
Based on the presentation made and information provided, the Committee recommends that the proposal for Paharpur Stone Mine of Shri Pankaj Kumar at Village- Paharpur, Thana-Sarath, Dist.-Deoghar, Jharkhand (2.17 Ha.) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – III

xx. Adar Stone Quarry of M/s Basudeo Mahto at Village- Adar, Tehsil- Padma, District- Hazaribagh, Jharkhand. (0.81Ha)

This is a Stone Mining Project for having an area of 0.81 Ha [Plot No- 4033 (P)]. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 30.09.2001 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

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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 18.05 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 : 4,42,331 t

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

1 st Year	:	40,000 t
2 nd Year	:	42,000 t
3 rd Year	:	45,000 t
4 th Year	:	45,000 t
5 th Year	:	45,000 t

The daily production as per Form I is 150 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 Adar Stone Quarry of M/s Basudeo Mahto at Village- Adar, Tehsil- Padma, District- Hazaribagh, Jharkhand (0.81Ha) 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)

xxi. Dalahi Stone Mine of M/s Jata Shankar Sahay at Village- Dalahi, Thana- Kathikund, Dist.- Dumka, Jharkhand (1.51 Ha)

This is a Stone Mining Project for having an area of 1.51 Ha [Plot No- 4.5,6 (P), 12 & 13] . 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. 09.09.2009 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. As per DFO report the mine is in proximity to forest land. As per SEIAA guidelines the minimum distance in case of renewal of mines has to be 50 m. PP has prepared the mine plans keeping a distance of 50 m from Forest and the same has been approved also (refer Plate No.- 2 of approved mine plan). Further PP has also given an undertaking that he will not do mining within 50 m of Forest Land Boundary. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-

economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 17.00 Lakhs and a provision of Rs 1.66 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 2,03,303.52 t

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

1 st Year	:	34,700 t
2 nd Year	:	39,129.t
3 rd Year	:	32,076 t
4 th Year	:	31,201 t
5 th Year	:	30,326 t

The daily production as per Form I is 112 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 Dalahi Stone Mine of M/s Jata Shankar Sahay at Village- Dalahi, Thana- Kathikund, Dist.- Dumka, Jharkhand (1.51 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – IV

xxii. M/s Kharkhar Stone Mines of Shri Mahendra Prasad Verma at Vill.– Kharkhar, Tehsil- Domchanch, Dist-Koderma, Jharkhand (0.246 Ha)

This is a Stone Mining Project for having an area of 0.246 Ha [Plot No- 2684 to 2687] . 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. 05.06.2010 to 11.04.2014.. 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 9.00 Lakhs and a provision of Rs 0.80 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 15,071 t

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

1 st Year	:	2111 t
2 nd Year	:	2111 t
3 rd Year	:	2157 t
4 th Year	:	2106 t
5 th Year	:	2114 t

The daily production as per Form I is 7 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 M/s Kharkhar Stone Mines of Shri Mahendra Prasad Verma at Village- Kharkhar, Tehsil- Domchanch, Dist-Koderma, Jharkhand (0.246 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure -IV.

xxiii. Dhutua Stone Mine of Shri Sanjay Kumar at Village – Dhutua, Tehsil- Ramgarh, Dist.-Ramgarh, Jharkhand (1.01 Ha)

This is a Stone Mining Project for having an area of 1.01 Ha [Plot No- 560]. 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. 19.03.2003 to 19.03.2013 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 20.00 Lakhs and a provision of Rs 1.10 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,26,306 t

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

1 st Year	:	12,799 t
2 nd Year	:	12,647 t
3 rd Year	:	13,214 t
4 th Year	:	12,344 t
5 th Year	:	13,176 t

The daily production as per Form I is 44 tonnes.

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

Based on the presentation made and information provided the Committee recommends that the proposal for Dhutua Stone Mine of Shri Sanjay Kumar at Village – Dhutua, Tehsil- Ramgarh, Dist.- Ramgarh, Jharkhand (1.01 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – IV

xxiv. Stone Mine of M/s Jai Maa Tara Minerals at Village – Belatand, Tehsil- Dumri, Dist.-Giridih Jharkhand (2.02 Ha).

This is a Stone Mining Project for having an area of 2.02 Ha [Plot No- 47 (P)]. The committee noted that as per Form I it is a proposal for expansion in capacity of mining (4000 cft/day to 400 tpd) and transfer of lease for which PP is seeking EC. The lease was initially granted to Shri Sunil Barnwal on 17.07.2009 for 10 years i.e. upto 16.07.2019. The mining lease was transferred to M/S Jai Maa Tara Minerals on 27.08.2010.. 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 19.05 Lakhs and a provision of Rs 2.75 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 13,12,710 t

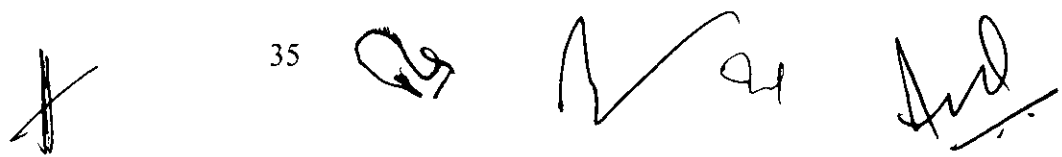
Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,00,000 t
2 nd Year	:	1,10,000 t
3 rd Year	:	1,20,000 t
4 th Year	:	1,20,000 t
5 th Year	:	1,20,000 t

The daily production as per Form I is 400 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 Maa Tara Minerals at Village – Belatand, Tehsil- Dumri, Dist.- Giridih Jharkhand (2.02 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – IV



xxv. Dumerbera / Poradih Stone Quarry & Crushing Project of M/s. East Coast Mining Pvt. Limited at Villages Dumerbera & Poradih, Block Potka, Dist – East Singhbhum, Jharkhand (Area 1.57 Ha).

This is a Stone Mining Project for having an area of 1.57 Ha (0.66 Ha Plot no 488 in Village Dumerbera and 0.91 Ha Plot No 2395 in Village Poradih) . The committee noted that as per Form I it is a proposal for renewal of lease for which PP is seeking EC. The leases for Dumerbera and for Poradih were executed w.e.f.11.02.2006 for a period of 5 years separately. The leases for Dumerbera and for Poradih are contiguous (part of one hillock)and total area is 1.57 Ha. Two separate applications were filed by PP as the land fell in two different villages. PP had applied to MOEF for grant of EC vide his letter dated 25th July 2012 wherein he has mentioned that he had filed a revision petition with Commissioner of Mines, Government of Jharkhand and had got relief. DMO vide his letter no 1597 dated 04.06.2012 in respect of area under Village Poradih and vide his letter no 1670 dated 14.06.2012 in respect of area under Village Dumerbera asked PP to obtain EC from MOEF. Accordingly as mentioned above PP has applied to MOEF. 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. 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 Project cost has been indicated as Rs 20 lakh and provision for environment management has been kept as Rs 2.25 lakh.

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

Proved Reserve	:	66800 t (Village Dumerbera) 91900 t (Village Poradih)
Inferred Reserve	:	65800 t (Village Dumerbera) 77400 t (Village Poradih)

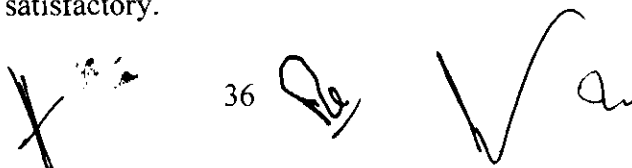
Year-wise Production as per Approved Mining Plan (Composite) for five years is as follows

1 st Year	:	24000 t
2 nd Year	:	24000 t
3 rd Year	:	24000 t
4 th Year	:	24000 t
5 th Year	:	24000 t

The daily production as per Form I is 80 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP has also submitted the Mine Plan to Department of Mines, Government of Jharkhand for approval. The informations were examined and found to be satisfactory.

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Based on the presentation made and information provided the Committee recommends that the proposal for Dumerbera / Poradih Stone Quarry & Crushing Project of M/s East Coast Mining Pvt. Limited at Villages Dumerbera & Poradih, Block Potka, Dist – East Singhbhum, Jharkhand (Area 1.57 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)

xxvi. Ichadag Stone Deposit of M/s Fortune Mines & Minerals at Village- Ichadag Thana- *Osmanpur* District- *Ranchi* Jharkhand (0.81 Ha) .

This is a Stone Mining Project for having an area of 0.81 Ha [Plot No- 1343] . 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 50.00 Lakhs and a provision of Rs 1.10 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 2.80,395 t

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

1 st Year	:	60,016 t
2 nd Year	:	60,172 t
3 rd Year	:	60,005 t
4 th Year	:	60,269 t
5 th Year	:	60,332 t

The daily production as per Form I is 201 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 Ichadag Stone Deposit of M/s Fortune Mines & Minerals at Village- Ichadag Thana- *Osmanpur* District- *Ranchi* Jharkhand (0.81 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V

xxvii. M/s Stone Quarry at Chilgara of Shri Mithilesh Kumar at Village- Chilgara, Thana- Jaridih, Dist.- Bokaro, Jharkhand. (2.02 Ha)

This is a Stone Mining Project for having an area of 2.02 Ha [Plot No- 103 & 104]. 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 19.50 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 : 11,32,188 t

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

1 st Year	:	1,15,320 t
2 nd Year	:	1,15,376 t
3 rd Year	:	1,15,314 t
4 th Year	:	1,15,571 t
5 th Year	:	1,15,403 t

The daily production as per Form I is 390 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 M/s Stone Quarry at Chilgara of Shri Mithilesh Kumar at Village- Chilgara, Thana- Jaridih, Dist.- Bokaro, Jharkhand. (2.02 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given Annexure – V

B. Projects recommended to SEIAA for consideration of issue of TOR.

1. M/S Hindustan Industries & Mining Corporation (Stone Mining) at Village – Patnibona, P.S.- Taljhari, Dist.- Sahibganj, Jharkhand (15.58 Ha).

This is a Stone Mine Project having a lease area of 15.58 Ha. The mining lease was renewal of mining lease w.e.f 02.09.2009 for a period of 10 years. PP had not obtained CTO and was operate the mines without EC. PP had applied to MoEF in 10th September, 2012 for

consideration of grant of ToR's through M/S Grass Root Research & Creation India (P) Ltd, Noida. Later PP requested MoEF on vide letter no. ENVIRONMENT/14-15/ND, dated 14.08.2014 and HIMC/MEFCC/Environment/14-15, dated 20.08.2014 to transfer the file to SEIAA, Jharkhand. MoEF vide letter no.- J-11015/34432012-IA-II (M), dated 30th September, 2014 forwarded the file to SEIAA, Jharkhand.

PP informed that vide his letter dated 14.01.2015 that he has now retained M/S Crystal Consultants, Ranchi as their consultants and is seeking ToRs. PP has now applied for obtaining TOR's. As per Form I they have mentioned a proposed production figure of 2,50,776 tonnes of Stone Mine per year. The estimated project cost is Rs. 10.05 Lakhs and a provision of Rs 3.50 Lakhs will be kept for Environment management. This is a case of violation. (PP has submitted an undertaking. Further credible action is to be initiated through Deptt. of Forest & Environment / JSPCB by SEIAA).

The project authorities along with their consultant accredited M/S Crystal Consultants, Ranchi through FAE Shri Shishir Kumar gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Terms of Reference for preparation of EIA / EMP report.

Based on the information contained in the documents submitted and the presentation made before the State Level Expert Appraisal Committee (SEAC) during its Meetings held during 12th to 15th January 2015 the Committee recommends issuing of TORs for consideration of SEIAA for undertaking detailed EIA / EMP study.

The committee agreed to the ToR's recommended by MoEF for this project (Meeting no. 5th of mining committee held on 13th to 15th March 2013) and prescribed the same with some additional points. The ToR's are as follows:

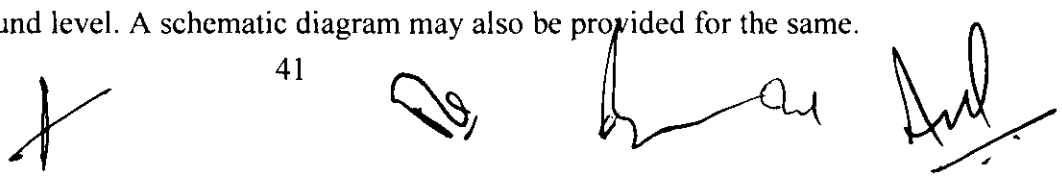
1. Year - wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification, 1994 came into force w.r.t. the highest production achieved prior to 1994.
2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
3. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management and mining technology and should be in the name of the lessee.
4. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
5. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? The hierarchical system or administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non compliances / violations of environmental norms to the

Board of Directors of the Company and / or shareholders or stakeholders at large may also be detailed in the EIA report.

6. Issues relating to Mine Safety, including subsidence study, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
7. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
8. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted.
9. details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
10. A certificate from the Competent Authority in the State Forest Department should be provide, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committee.
11. Status of forestry clearance for the broken up area and virgin forest land involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
12. Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
13. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
14. A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project o the wildlife in the surrounding and any other protected area and accordingly detailed mitigative measures required, should be worked out with cost implications an submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the State Wildlife Department/Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on primary field survey clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan for their conservation should be prepared in consultation with State

Forest and Wildlife Department and details furnished. Necessary allocation of funds for Implementing the same should be made as part of the project cost.

17. Impact, if any, of change of land use should be given.
18. R&R plan / compensation details for the project affected people should be furnished. While preparing the R&R plan, the relevant State / National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village located in the mine lease area will be shifted or not. The issues relating to shifting of village including their R&R and socio-economic aspects should be discussed in the report.
19. One season (non-monsoon) primary baseline data on ambient air quality (PM₁₀, SO₂ and NO_x), water quality, noise level, soil and flora and fauna. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified. Date wise collected baseline AAQ data should form part of EIA and EMP report. The mineralogical composition of RSPM/SPM particularly for free silica should be given. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
20. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
21. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
22. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
23. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
24. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
25. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
26. Details of any stream, seasonal or otherwise, passing through lease area and modification / diversion proposed, if any and the impact of the same on the hydrology should be brought out.
27. Information on site elevation, working depth, groundwater table etc. should be provided both in AMSL and below ground level. A schematic diagram may also be provided for the same.



28. Quantity of solid waste generation to be estimated and details for its disposal and management should be provided. The quantity, volumes and methodology planned for removal and utilisation (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should also be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
29. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the project.
30. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered.
31. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA report.
32. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report. This should be submitted alongwith Mine Plans duly approved by IBM.
33. Phase-wise plan of greenbelt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
34. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre placement medical examination and periodical medical examination schedules should be incorporated in the EMP.
35. Public health implication of the project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocation.
36. Measures of socio economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
37. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia also include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts besides other impacts of the projects.
38. Public hearing points raised and commitment of the project proponent on the same along with time bound action plan to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
39. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.

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40. A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t. CRZ, coastal features such as mangroves, if any.
41. Details of rainwater harvesting proposed, if any, in the project to be provided.
42. The reclamation plan, post mine land use and progressive greenbelt development plan shall be prepared in tabular form and submitted.
43. Public hearing.

The following general points should be noted:

- a. Properly indexed, page numbered.
 - b. Period/date of data collection should be clearly indicated. (non-monsoon)
 - c. Authenticated English translation of all material in Regional languages should be provided.
 - d. The letter/application for environmental clearance should quote the SEIAA, Jharkhand file No. and also attach a copy of the letter.
 - e. Site related monitoring shall be carried out for 3 months in one season (non monsoon).
 - f. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report
 - g. While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MoEF vide O.M. No. J-11013/41/2006-IA.11 (I) dated 4th August, 2009, which are available on the website of this Ministry should also be followed.
 - h. The consultants involved in the preparation of EIA / EMP report after accreditation with Quality Council of India (QCI) / National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA /EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc.
44. The cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.

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

- a) A note confirming compliance of the TOR, with cross referencing of the relevant sections / pages of the EIA report should be provided.
- b) All documents may be properly referenced with index and continuous page numbering.
- c) Where data are presented in the report especially in tables, the period in which the data were collected and the sources should be indicated.
- d) Where the documents provided are in a language other than English, an English translation should be provided.
- e) The Questionnaire for environmental appraisal of mining projects as prescribed by the Ministry shall also be filled and submitted.
- f) Approved mine plan along with copy of the approval letter for the proposed capacity should also be submitted.
- g) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MoEF vide O.M. No. J-11013 /41/2006-

IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry should also be followed.

- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the F.R for securing the TOR) should be brought to the attention of SEIAA, Jharkhand with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH process again with the revised documentation.

The EIA report should also include

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

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

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

Cluster Mines M/S Krishna Stone Works (6.075 Ha) & M/S Ramesh Kumar Dokania (4.86)

I. Stone Mine of M/S Krishna Stone Works at Village – Ambade, P.S- Ranga, Dist.- Sahibganj, Jharkhand (6.075 Ha.)

This is a Stone Mining Project for having an area of 6.075 Ha [Plot No- 34, 36 (P), 38, 45 (P), 46, 54 (P), 57 (P) & 58 to 60] . The committee noted that as per Form I it is a proposal for renewal of mining lease.

II. Stone Mine of M/s Ramesh Kumar Dokania at Village- Ambade, Bade & Idpe, P.S- Ranga, Dist.-Sahibganj, Jharkhand (4.86 Ha)

This is a Stone Mining Project for having an area of 4.86 Ha [Plot No- Ambade- 9, 10 & 13, Bade- 2 and Idpe – 37 (P), 40 & 41] . The committee noted that as per Form I it is a proposal for renewal of mining lease.

Salient Features of the cluster are as follows.

	Stone Mine of M/S Krishna Stone Works	Stone Mine of M/s Ramesh Kumar Dokania	Total
Area	6.075 Ha	4.86 Ha	10.935 Ha
Project Cost	94.00 Lakhs	90.00 Lakhs	1.84 Crores
Env. Budget	10.00 Lakhs	9.00 Lakhs	19.00 Lakhs

Daily production	800 t	1500 t	2300 t
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The total Area to the cluster is 6.075 Ha + 4.86 Ha = 10.935 Ha

The project authorities along with their consultant accredited M/S Crystal Consultants, Ranchi through FAE Shri Shishir Kumar gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken along with the draft Terms of Reference for preparation of EIA / EMP report.

Based on the information contained in the documents submitted and the presentation made before the State Level Expert Appraisal Committee (SEAC) during its Meetings held during 12th to 15th January 2015 the Committee recommends issuing of TORs for consideration of SEIAA for undertaking detailed EIA / EMP study.

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

1. A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be included in the EIA Report.
2. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management and mining technology and should be in the name of the lessee.
3. All corner coordinates of the mine lease area superimposed on High Resolution Imagery / toposheet should be provided.
4. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
5. Does the Environment Policy prescribe for standard operating process/procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
6. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions. Details of this system may be given.
7. Does the company have a system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report.
8. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
9. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated.
10. Land use plan of the mine lease area should be prepared to encompass Pre-operational, operational and post operational phases and submitted.
11. Details of the land for OB dump outside the mine lease such as extent of land area, distance from mine lease, its land use, R&R issues, if any should be given.
12. High Resolution Satellite Imagery of the proposed area clearly showing the land use and other ecological features of the study area (core and buffer zone) should be furnished.

13. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any in the project area, or otherwise, based on land use classification (revenue record) as also in terms of the definition of forest as pronounced in the judgment of the Hon'ble Supreme Court of India in the matter of T.N. Godavarman Vs. Union of India. In the event of any claim by the project proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
14. Status of forestry clearance for the broken up area and virgin forestland involved in the project including deposition of net present value (NPV) and compensatory afforestation (CA). A copy of the forestry clearance should also be furnished.
15. Implementation of status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
16. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly detailed mitigative measures required should be worked out with cost implications and submitted.
17. The vegetation in the RF / PF area with necessary details should be given.
18. A study shall be got done to ascertain the impact of the mining project on wildlife of the area including on the elephant population and details furnished.
19. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the State Wildlife Department/Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished. In case, there is no such Eco-sensitive area within 10 km, the boundary of the nearest Eco-sensitive area with its distance shall be marked in a drawing and included in EIA / EMP Report.
20. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on primary field survey clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for Implementing the same should be made as part of the project cost.
21. Impact, if any, of change of land use should be given.
22. R&R plan / compensation details for the project affected people should be furnished. While preparing the R&R plan, the Jharkhand State and National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections, need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Government.
23. Collection of one season (non-monsoon) primary baseline data on ambient air quality, water quality, noise level, soil and flora and fauna. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified. Date wise collected baseline AAQ data should form part of EIA and EMP report. The mineralogical composition of RSPM/SPM particularly for free silica should be given. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.

24. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
25. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
27. Details of water conservation measures proposed to be adopted in the project should be given.
28. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
30. Details of any stream, seasonal or otherwise, passing through lease area and modification / diversion proposed, if any and the impact of the same on the hydrology should be brought out.
31. Details of rainwater harvesting in the project should be provided. The same should be got approved from Ground Water Directorate Government of Jharkhand.
32. Information on site elevation, working depth, groundwater table etc. should be provided both in AMSL and below ground level. A schematic diagram may also be provided for the same.
33. Quantity of solid waste generation to be estimated and details for its disposal and management should be provided. The quantity, volumes and methodology planned for removal and utilisation (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should also be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out). PP / it's Consultant has indicated that they will carryout backfilling with flyash. Documents substantiating use of flyash for backfilling alongwith environmental impacts if any are to discussed in detail in the Report.
34. The reclamation plan, mine closure plan, post mine land use and progressive greenbelt development plan shall be prepared in tabular form (prescribed format) and submitted.
35. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered.
36. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
37. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
38. Phase-wise plan of greenbelt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.

39. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre placement medical examination and periodical medical examination schedules should be incorporated in the EMP.
40. Public health implication of the project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocation.
41. Measures of socio economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
42. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia also include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts besides other impacts of the projects.
43. Public hearing points raised and commitment of the project proponent on the same along with time bound action plan to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
44. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
45. Public hearing.

The following general points should be noted:

- i. Properly indexed, page numbered.
 - j. Period/date of data collection should be clearly indicated. (non-monsoon)
 - k. Authenticated English translation of all material in Regional languages should be provided.
 - l. The letter/application for environmental clearance should quote the SEIAA, Jharkhand file No. and also attach a copy of the letter.
 - m. Site related monitoring shall be carried out for 3 months in one season (non monsoon).
 - n. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report
 - o. While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MoEF vide O.M. No. J-11013/41/2006-IA.II (I) dated 4th August, 2009, which are available on the website of this Ministry should also be followed.
 - p. The consultants involved in the preparation of EIA / EMP report after accreditation with Quality Council of India (QCI) / National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA /EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc.
46. The cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.

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

- a) A note confirming compliance of the TOR, with cross referencing of the relevant sections / pages of the EIA report should be provided.
- b) All documents may be properly referenced with index and continuous page numbering.

- c) Where data are presented in the report especially in tables, the period in which the data were collected and the sources should be indicated.
- d) Where the documents provided are in a language other than English, an English translation should be provided.
- e) The Questionnaire for environmental appraisal of mining projects as prescribed by the Ministry shall also be filled and submitted.
- f) Approved mine plan along with copy of the approval letter for the proposed capacity should also be submitted.
- g) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MoEF vide O.M. No. J-11013 /41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry should also be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the F.R for securing the TOR) should be brought to the attention of SEIAA, Jharkhand with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH process again with the revised documentation.

The EIA report should also include

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

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

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

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

1. Santushti – Residential Project of M/s Pranami Estates Pvt Ltd at Town Ranchi, Tehsil- Ranchi Sahar, Dist.-Ranchi, Jharkhand.

The PP was asked to submit following additional information:-

1. Revised Form I, Form IA & Pre Feasibility Report.
2. Details of Rain Water Harvesting.
3. Details of Socio Economic Impact.
4. Disaster Management Plan, Construction & Post Occupation Phase.
5. Water balance for the project.
6. Details of ETP & STP
7. Details of Sludge Tank and disposal.
8. Increase in area of Green belt.

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

2. “Infinity Sapphire Square” Mall of M/s Pranami Estates Pvt Ltd at Town-Ranchi, Tehsil- Ranchi Sahar, Dist.-Ranchi, Jharkhand.

The PP was asked to submit following additional information:-

1. Revised Form I, Form IA & Pre Feasibility Report.
2. Details of Rain Water Harvesting.
3. Details of Socio Economic Impact.
4. Disaster Management Plan, Construction & Post Occupation Phase.
5. Water balance for the project.
6. Details of ETP & STP
7. Details of Sludge Tank and disposal.
8. Increase in area of Green belt.

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

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

The PP could not clarify certain environmental issues related to the project. It was decided that a site visit will be necessary to prescribe site related specific condition in ToR. It is suggested that Shri A.K. Saxena, Chairman and Shri S.K Singh, Member will visit the site and recommended site specific ToRs.

4. Regularisation cum Expansion of M/S Santpuria Alloys (P) Ltd at Village-Manjhaldih, Tehsil- Gadisrirampur, Dist.-Giridih, Jharkhand.

The PP could not clarify certain environmental issues related to the project. It was decided that a site visit will be necessary to prescribe site related specific condition in ToR. It is suggested that Shri A.K. Saxena, Chairman and Shri S.K Singh, Member will visit the site and recommended site specific ToRs.

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

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

1. Details of CSR activities and Plantation carried out alongwith Photographs.
2. Undertaking from the Board / Management that there will not be any violation in future.

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

D. 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. Brick Clay Mining of M/s N.B.D Bricks at Village- Barugoda, P.O - Chalkari, Dist.- Bokaro, Jharkhand (1.0 Ha)

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2. Domchanch Stone Deposit of M/s Tiri Saraswati at Village- Domchanch, Thana- Koderma, Dist.- Koderma, Jharkhand. (1.053 Ha)
3. Silway Stone Mine of M/s Umesh Stone Works at Village- Silway, Thana- Ranchi, Dist.- Ranchi, Jharkhand (1.68 Ha)

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

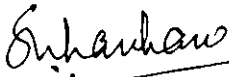
1. M/s Bhalki Quartzite Stone Mines of Mr. Varun Kumar at Vill.- Bhalki, Tehsil- Dalbhumgarh, Dist.- East Singhbhum, Jharkhand (0.19 Ha)
2. Taratanr Stone Mine of Sri Devendra Prasad Mehta at Village- Taratanr, Thana-Koderma, Dist.- Koderma, Jharkhand (0.61 Ha.)
3. Jonkmari Stone Mine at Village- Jonkmari, 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. M/s Nityanand Yadav Stone Mine at Vill.- Salpatra, Block- Fatehpur, District – Jamtara, Jharkhand. (1.639 Ha)
7. Vindhwasni Stone Mine of Shri Mukesh Kumar Singh at Vill- Basdiha, Block & Thana- Chhatarpur, Dist.-Palamu, Jharkhand.(0.951 Ha)
8. Kolhaiya Stone Mine at Mouza- Kolhaiya, Block- Hariharganj, Dist.- Palamu, Jharkhand. (0.607 Ha)
9. Bardag Stone Mine at Mouza- Bardag, Thana & Block- Hariharganj, Dist.- Palamu, Jharkhand. (4.89 Ha).
10. Kathwan Granite (Stone) Mine of M/s Ramesh Kumar at Vill.- Kathwan, Thana -Poraiya, Dist.- Godda, Jharkhand. (2.85 Ha)


F. The following is the list of PP's request for next meeting.

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

The next meeting shall be held from 16th to 18th February 2015

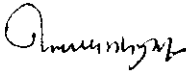
The meeting concluded with thanks to all present.


(S.B.S Chauhan)
Member


(Er S K Singh)
Member


(Dr. R.P. Singh Sangu)
Member

(Prof (Dr) Shatrunjay Singh)
Member


(R.N. Kashyap)
Secretary


(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,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
13. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
14. The environmental statement for each financial year ending 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 to the concerned Regional Office of JSPCB by e-mail.
15. All statutory clearances shall be obtained before start of mining operations.

C. Other points

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



A. Specific Conditions

1. That the proponent shall obtain approval of mining plan within 3 months from the committee constituted by the Deptt. of Mines & Geology, Govt. of Jharkhand from the date of grant of environmental clearance and the proponent shall be bound to comply the additional conditions framed by the Deptt. of Mines & Geology.
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 / 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,SO₂ ,NO_x (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.

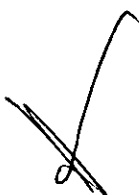
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15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. 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.
17. All statutory clearances shall be obtained before start of mining operations.

C. Other points

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



A. Specific Conditions

1. That the proponent shall obtain approval of mining plan within 3 months from the committee constituted by the Deptt. of Mines & Geology, Govt. of Jharkhand from the date of grant of environmental clearance and the proponent shall be bound to comply the additional conditions framed by the Deptt. of Mines & Geology.
2. The environmental clearance is subject to renewal of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
3. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
4. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / 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.

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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.
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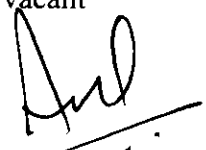


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