

**PART- C MINUTES OF THE 32<sup>nd</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 24<sup>th</sup> to 27<sup>th</sup> AUGUST, 2015**

The 32<sup>nd</sup> meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 24<sup>th</sup> to 27<sup>th</sup> August, 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 (Partly attended from 24<sup>th</sup> to 25<sup>th</sup>)
5. Prof. (Dr.) M.C. Mahata - Member
6. Dr. Shatrunjay Kumar Singh - Member (Partly attended from 25<sup>th</sup> to 27<sup>th</sup>)
7. Shri S.K. Suman - Secretary

Various projects which were received by SEIAA after the previous SEAC meeting held from 03<sup>rd</sup> to 06<sup>th</sup> August, 2015 and forwarded to SEAC for their technical appraisal came up for discussions. Also those Projects which were appraised in SEAC's earlier meetings in which PP's were asked to provide additional informations / clarifications were also considered for examination / scrutiny where the Project proponents had submitted replies. Accordingly, the Project proponents were asked to make technical presentation for the appraisal of their project before the committee.

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

**A. Projects recommended to SEIAA for consideration of grant of EC.**

**1. Proposals related to Sand Mine**

**I/ Torpa Purvee Balu Ghat on River Chhata of Shri Raghav Chandak at Mouza- Torpa Purvee, Anchal- Torpa, Dist.- Khunti, Jharkhand (5.66 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 5.66 Ha [Plot No.- 1404]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 307, dated- 17.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of

persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 34.97 Lakhs (revised) and a provision of Rs 3.40 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 1,32,669 cum and annual production capacity as per Form I has been indicated as 1,00,000 cum per annum .

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

**Based on the presentation made and information provided the Committee decided that the proposal for Torpa Purvee Balu Ghat on River Chhata of Shri Raghav Chandak at Mouza- Torpa Purvee, Anchal- Torpa, Dist.- Khunti, Jharkhand (5.66 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**II. Murludih Balughat on River Govai of Shri Manoj Kumar Singh at Village- Sutribeda, Anchal- Chandankiyari, Dist.- Bokaro, Jharkhand (2.54 Ha).**

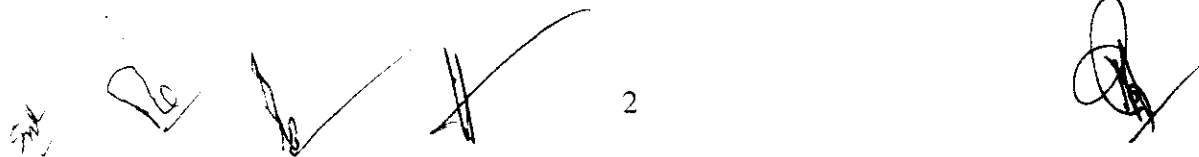
**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 2.54 Ha [Plot No.- 2114 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 2194, dated- 27.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 68.18 Lakhs (revised) and a provision of Rs 2.50 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 42,000 cum and total annual production capacity as per Form I has been indicated as 35,000 cum per annum.

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



Based on the presentation made and information provided the Committee decided that the proposal for Murludih Balughat on River Govai of Shri Manoj Kumar Singh at Village-Sutribeda, Anchal- Chandankiyari, Dist.- Bokaro, Jharkhand (2.54 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

**III. Udikel Sand Mine of Shri Pranawendra Nath Sahdeo of M/s Kalpana Enterprises at Village-Ulihatu, Nichitpur & Udikel, Tehsil- Torpa, Dist.- Khunti, Jharkhand ( 11.95 Ha).**

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

This is a Sand Mining Project for having an area of 11.95 Ha [Khata No.- 295, Plot No.- 1016 (P), 1023 (P) & 1 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment, letter no.- 503, dated- 06.08.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

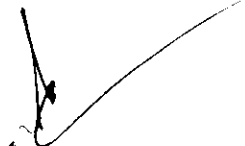
The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt. due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 22.55 Lakhs and a provision of Rs 6.50 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 2,14,510 cum and total annual production capacity as per Form I has been indicated as 600 cum per day and as per mine plan is 1,35,000 cum per annum .

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

Based on the presentation made and information provided the Committee decided that the proposal for Udikel Sand Mine of Shri Pranawendra Nath Sahdeo of M/s Kalpana Enterprises at Village-Ulihatu, Nichitpur & Udikel, Tehsil- Torpa, Dist.- Khunti, Jharkhand ( 11.95 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

**IV. Nagpheni Sand Mine on Koel River Bed of Shri Basant Sahu at Village-Nagpheni, Tehsil- Sisai, Dist.- Gumla, Jharkhand (7.65 Ha).**



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

This is a Sand Mining Project for having an area of 7.65 Ha [Khata No.- 82 (GM Land) Plot No.- 1972]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 721, dated- 16.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 12.30 Lakhs and a provision of Rs 3.00 Lakh has been indicated for Environment management.

The proposed estimated mineable reserve is 1,32,177 cum and annual production capacity as per Form I has been indicated as 578 cum per day and as per mine plan 1,30,000 cum per annum .

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

**Based on the presentation made and information provided the Committee decided that the proposal for Nagpheni Sand Mine on Koel River Bed of Shri Basant Sahu at Village- Nagpheni, Tehsil- Sisai, Dist.- Gumla, Jharkhand (7.65 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**V. Lohrajor & Burhi Bagicha Balu Ghat of Shri Ajay Kumar Rastogi of M/s Sainik Foods (P) Ltd. at Mouza- Lohrajor & Burhi Bagicha, Anchal- Madhupur, Dist.- Deoghar, Jharkhand (3.76 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 3.76 Ha [Plot No.- 1]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1054, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.41 Crores (revised) and a provision of Rs 2.70 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 90,651 cum and annual production capacity as per Form I has been indicated as 75,000 cum per annum .

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

**Based on the presentation made and information provided the Committee decided that the proposal for Lohrajor & Burhi Bagicha Balu Ghat of Shri Ajay Kumar Rastogi of M/s Sainik Foods (P) Ltd. at Mouza- Lohrajor & Burhi Bagicha, Anchal- Madhupur, Dist.- Deoghar, Jharkhand (3.76 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**VI. Gutjora & Khijuri Balu Ghat of M/s Shri Raghav Chandak at Mouza- Khijuri, Anchal & Dist.- Khunti, Jharkhand (2.63 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 2.63 Ha [Khata No.- 58, Plot No.- 410, Khata No.- 141, Plot No.- 1482]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 305, dated- 17.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

Mining lease having two blocks

Block-1(Gutjora)

Block-2 (Khijuri)

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-

economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 37.29 Lakhs (revised) and a provision of Rs 3.40 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 35,496 cum (Gutjora- 14,715 cum and Khijuri- 20,781) and total annual production capacity as per Form I has been indicated as 35,000 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Gutjora & Khijuri Balu Ghat of M/s Shri Raghav Chandak at Mouza- Khijuri, Anchal & Dist.- Khunti, Jharkhand (2.63 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

## **VII. Haruppa Balu Ghat of Shri Raghav Chandak, Mouza- Haruppa, Anchal- Karra, Dist.- Khunti, Jharkhand (7.91Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 7.91 Ha (Khata No.- 24, Plot No.- 30). The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.-316 , dated- 17.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 87.15 Lakhs (revised) and a provision of Rs 4.10 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 1,59,975 cum and annual production capacity as per Form I has been indicated as 1,50,000 cum per annum .

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

Based on the presentation made and information provided the Committee decided that the proposal for Haruppa Balu Ghat of Shri Raghav Chandak, Mouza- Haruppa, Anchal-Karra, Dist.- Khunti, Jharkhand (7.91Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

**VIII. Rampur, Nakka & Purana Chihuntiya Balu Ghat of Shri Ajay Kumar Rastogi of M/s Sainik Foods (P) Ltd. at Mouza- Rampur, Nakka, Purana Chihuntiya, Anchal- Madhupur, Dist.- Deoghar, Jharkhand (2.33 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 2.33 Ha [Plot No.- 433]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.-1062, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

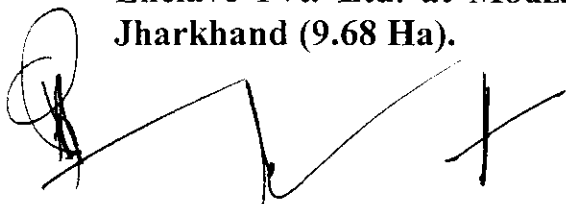
The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 93.74 Lakhs (revised) and a provision of Rs 3.30 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 54,675 cum and annual production capacity as per Form I has been indicated as 50,000 cum per annum .

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

Based on the presentation made and information provided the Committee decided that the proposal for Rampur, Nakka & Purana Chihuntiya Balu Ghat of Shri Ajay Kumar Rastogi of M/s Sainik Foods (P) Ltd. at Mouza- Rampur, Nakka, Purana Chihuntiya, Anchal- Madhupur, Dist.- Deoghar, Jharkhand (2.33 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

**IX. Dumariya Balu Ghat of Shri Manoj Kumar Pachasiya of M/s Mahadev Enclave Pvt. Ltd. at Mouza- Dumariya, Anchal- Fatehpur, Dist.- Jamtara, Jharkhand (9.68 Ha).**



**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 9.68 Ha [Plot No.- 1038]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.-1106, dated- 27.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 46.09 Lakhs (revised) and a provision of Rs 4.84 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 2,13,612 cum and annual production capacity as per Form I has been indicated as 2,00,000 cum per annum .

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

**Based on the presentation made and information provided the Committee decided that the proposal for Dumariya Balu Ghat of Shri Manoj Kumar Pachasiya of M/s Mahadev Enclave Pvt. Ltd. at Mouza- Dumariya, Anchal- Fatehpur, Dist.- Jamtara, Jharkhand (9.68 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**X. Nikhta Balu Ghat of Shri Raj Kumar Gupta at Mouza- Nikhta, Anchal- Deoghar, Dist.- Deoghar, Jharkhand (4.35 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 4.35 Ha [Plot No.- 1741]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.-1032, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 2.39 Crores (revised) and a provision of Rs 4.50 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 96,171 cum and annual production capacity as per Form I has been indicated as 75,000 cum per annum .

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


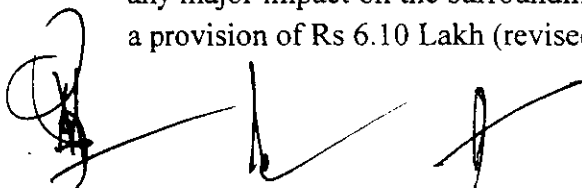
**Based on the presentation made and information provided the Committee decided that the proposal for Nikhta Balu Ghat of Shri Raj Kumar Gupta at Mouza- Nikhta, Anchal-Deoghar, Dist.- Deoghar, Jharkhand (4.35 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XI. Chordhara Balu Ghat of M/S Sanik Foods (P) Ltd. of Shri Ajay Rastogi at Mouza- Chordhara, Tehsil- Patratu, Dist.- Ramgarh, Jharkhand (7.65 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 7.65 Ha [Khata No.- 26, Plot No.- 20]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.-855, dated- 11.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.59 Crores (revised) and a provision of Rs 6.10 Lakh (revised) has been indicated for Environment management.



The proposed estimated mineable reserve is 1,66,301 cum and annual production capacity as per Form I has been indicated as 1,66,301 cum per annum .

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

**Based on the presentation made and information provided the Committee decided that the proposal for Chordhara Balu Ghat of M/S Sanik Foods (P) Ltd. of Shri Ajay Rastogi at Mouza- Chordhara, Tehsil- Patratu, Dist.- Ramgarh, Jharkhand (7.65 Ha). be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XII. Kasathi & Beltikri Balu Ghat of Shri Ajay Kumar Rastogi of M/s Sainik Foods (P) Ltd. at Mouza- Kasathi & Beltikri, Anchal- Deoghar, Dist.- Deoghar, Jharkhand (2.57 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 2.57 Ha [Plot No.- 468]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1063, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 43.01 Lakhs (revised) and a provision of Rs 3.90 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 55,965 cum and annual production capacity as per Form I has been indicated as 50,000 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Kasathi & Beltikri Balu Ghat of Shri Ajay Kumar Rastogi of M/s Sainik Foods (P) Ltd. at Mouza- Kasathi & Beltikri, Anchal- Deoghar, Dist.- Deoghar, Jharkhand (2.57 Ha) be recommended for consideration of SEIAA subject to above mentioned**

observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XIII. Sand Mining Project of Ghatiyali Balu Ghat on River Ijri of Shri Manoj Kumar Singh at Village- Ghatiyali, Anchal - Chas, Dist.- Bokaro, Jharkhand (2.83 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 2.83 Ha [Plot No.- 10321(P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 2142, dated- 25.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 29.86 Lakhs (revised) and a provision of Rs 2.80 Lakh (revised) has been indicated for Environment management.

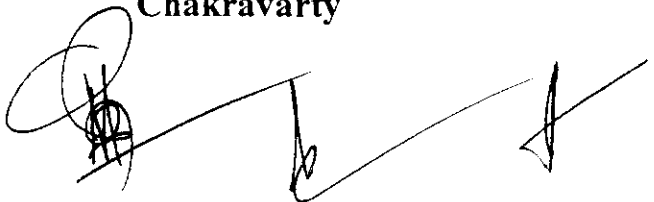
The proposed estimated mineable reserve is 46,011 cum and annual production capacity as per Form I has been indicated as 35,000 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Sand Mining Project of Ghatiyali Balu Ghat on River Ijri of Shri Manoj Kumar Singh at Village- Ghatiyali, Anchal - Chas, Dist.- Bokaro, Jharkhand (2.83 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XIV. Sand Mining Project of Pundru Balughat on River Govai of Shri Anil Kumar Singh at Village - Seemabad & Pundru, Anchal - Chas, Dist.- Bokaro, Jharkhand (2.52 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakravarty**



This is a Sand Mining Project for having an area of 2.52 Ha [Khata No.- 58, 141, Plot No.- 3486 (P) & 6444 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 2143, dated- 25.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 49.10 Lakhs (revised) and a provision of Rs 2.00 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 42,966 cum and annual production capacity as per Form I has been indicated as 35,000 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Sand Mining Project of Pundru Balughat on River Govai of Shri Anil Kumar Singh at Village - Seemabad & Pundru, Anchal - Chas, Dist.- Bokaro, Jharkhand (2.52 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XV. Sand Mining Project of Koriya Balughat on River Govai of Shri Upendra Kumar at Village- Koriya, Anchal- Chandankiyari, Dist.- Bokaro, Jharkhand (2.26 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 2.26 Ha [Khata No.- 513, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 2041, dated- 25.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 81.90 Lakhs (revised) and a provision of Rs 2.45 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 44,772 cum and annual production capacity as per Form I has been indicated as 35,000 cum per annum.

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

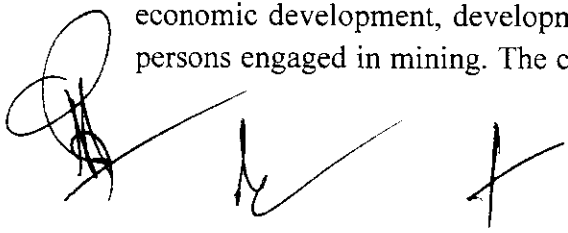
**Based on the presentation made and information provided the Committee decided that the proposal for Sand Mining Project of Koriya Balughat on River Govai of Shri Upendra Kumar at Village- Koriya, Anchal- Chandankiyari, Dist.- Bokaro, Jharkhand (2.26 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XVI. Sand Mining Project of Satithan Balughat Mine on River Govai of Shri Subodh Kumar Singh at Village- Satithan (Baragharan) & Bhelatan (Jhabra) Anchal- Chandankiyari, Dist.- Bokaro, Jharkhand ( 9.34 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 9.34 Ha [Satithan Khata No.- 196, Plot No.- 1712 (P) & Bhelatan Plot No.- 1714 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 2206, dated- 27.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have



any major impact on the surroundings. The indicated project cost is Rs 1.68 Crores (revised) and a provision of Rs 5.20 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 2,13,285 cum and annual production capacity as per Form I has been indicated as 1,75,000 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Sand Mining Project of Satithan Balughat Mine on River Govai of Shri Subodh Kumar Singh at Village- Satithan (Baragharan) & Bheltan (Jhabra) Anchal- Chandankiyari, Dist.- Bokaro, Jharkhand ( 9.34 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XVII. Lalpur Noniyad Balu Ghat of M/s Rural Development & Marketing Pvt. Ltd., Mouza- Lalpur, Noniyad, Anchal- Deoghar, Dist.- Deoghar, Jharkhand (0.668 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 0.668 Ha [Plot No.- 717]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1064, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 16.82 Lakhs (revised) and a provision of Rs 3.10 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 20,040 cum and annual production capacity as per Form I has been indicated as 16,032 cum per annum.

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

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Based on the presentation made and information provided the Committee decided that the proposal for Lalpur Noniyad Balu Ghat of M/s Rural Development & Marketing Pvt. Ltd., Mouza- Lalpur, Noniyad, Anchal- Deoghar, Dist.- Deoghar, Jharkhand (0.668 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XVIII. Kharaundha Balu Ghat of Shri Ashok Kumar of M/s Katyani Contractors Pvt. Ltd., Mouza- Kharaundha, Anchal- Deoghar, Dist.- Deoghar, Jharkhand (1.70 Ha).**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Joydeep Banerjee**

This is a Sand Mining Project for having an area of 1.70 Ha [Plot No.- 165]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1064, dated- 26.06.2015, for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

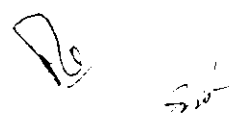
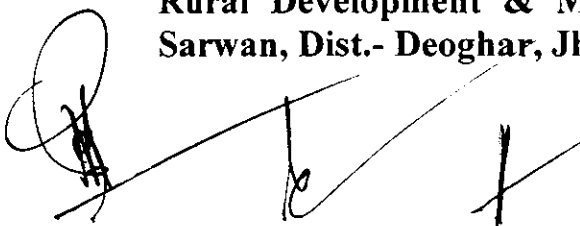
The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt. due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.63 Crores (revised) and a provision of Rs 3.70 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 38,706 cum and annual production capacity as per Form I has been indicated as 35,000 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Kharaundha Balu Ghat of Shri Ashok Kumar of M/s Katyani Contractors Pvt. Ltd., Mouza- Kharaundha, Anchal- Deoghar, Dist.- Deoghar, Jharkhand (1.70 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XIX. Sand Mining Project of Jiakhara Ghat of Mr. Dev Kumar Dubey of M/s Rural Development & Marketing Pvt. Ltd at Mouza- Jiakhara, Anchal- Sarwan, Dist.- Deoghar, Jharkhand (0.910 Ha).**



**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 0.910 Ha [Plot No.- 1]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1066, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 31.87 Lakhs (revised) and a provision of Rs 3.20 Lakh (revised) has been indicated for Environment management.

The proposed estimated mineable reserve is 27,300 cum and annual production capacity as per Form I has been indicated as 21,840 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Sand Mining Project of Jiakhara Ghat of Mr. Dev Kumar Dubey of M/s Rural Development & Marketing Pvt. Ltd at Mouza- Jiakhara, Anchal- Sarwan, Dist.- Deoghar, Jharkhand (0.910 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XX. Kamudangkalan Sand Mining Project of Shri Suraj Uranv at Village- Kamudangkalan, Tehsil- Tandwa, Dist.- Chatra, Jharkhand (2.55 Ha).**

**Consultant- M/S Enviro Care Technocrats Pvt Ltd, Surat, RQP- Sri Ajay Shankar**

This is a Sand Mining Project for having an area of 2.55 Ha [Khata No.- 116, Plot No.- 586]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 648, dated- 28.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.



The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.04 Crores and a provision of Rs 2.90 Lakh has been indicated for Environment management.

The proposed estimated reserve is 58,263 cum and annual production capacity as per Form I has been indicated as 38,842 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 450 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

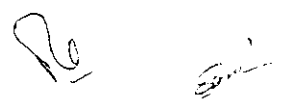
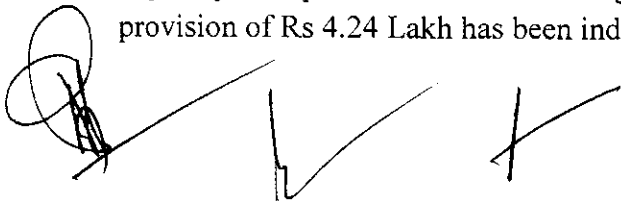
**Based on the presentation made and information provided the Committee decided that the proposal for Kamudangkalan Sand Mining Project of Shri Suraj Uranv at Village-Kamudangkalan, Tehsil- Tandwa, Dist.- Chatra, Jharkhand (2.55 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXI. Jalka Sand Deposit in the River bed of Koel of Shri Umesh Mishra at Village-Jalka, P.S- Sisai, Dist.- Gumla, Jharkhand (7.68 Ha).**

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

This is a Sand Mining Project for having an area of 7.68 Ha [Khata No.- 109, Plot No.- 1198 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 730, dated- 17.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 8.04 Lakhs and a provision of Rs 4.24 Lakh has been indicated for Environment management.



The proposed estimated reserve is 1,31,370 cum and annual production capacity as per Form I has been indicated as 1,21,240 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 12.2 km and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Jalka Sand Deposit in the River bed of Koel of Shri Umesh Mishra at Village- Jalka, P.S- Sisai, Dist.- Gumla, Jharkhand (7.68 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXII. Dundua Sand Mining Project of Sri Tarkeshwar Mahto at Village- Dundua, P.O & Thana- Patratu, Dist.- Ramgarh, Jharkhand (1.62 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 1.62 Ha [Khata No.- 12, Plot No.- 66]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DC's cum DM allotment letter no.- 853, dated- 11.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakhss and a provision of Rs 14.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 34,155 cum and annual production capacity as per Form I has been indicated as 27,324 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Dundua Sand Mining Project of Sri Tarkeshwar Mahto at Village- Dundua, P.O & Thana- Patratu, Dist.- Ramgarh, Jharkhand (1.62 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXIII. Painki Sand Mining Project of Sri Tarkeshwar Mahto at Village- Painki, P.O & Thana- Marar, Mandu, Dist.- Ramgarh, Jharkhand (1.413 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 1.413 Ha [Khata No.- 01, Plot No.- 257 (P) & 275 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DC's cum DM allotment letter no.- 853, dated- 11.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 55.00 Lakhss and a provision of Rs 2.63 Lakh has been indicated for Environment management.

The proposed estimated reserve is 25,515 cum and annual production capacity as per Form I has been indicated as 20,412 cum per annum.

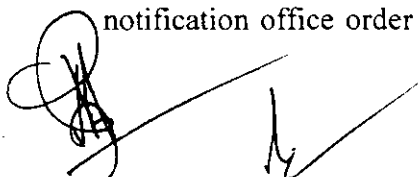
PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Dundua Sand Mining Project of Sri Tarkeshwar Mahto at Village- Dundua, P.O & Thana- Patratu, Dist.- Ramgarh, Jharkhand (1.62 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXIV. Jabra Sand Mining Project of Shri Sharmendra Kumar Mahto at Village- Jabra, Thana- Karra, Dist.- Khunti, Jharkhand (6.07 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 6.07 Ha [Khata No.- 69, Plot No.- 01]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 314, dated- 17.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is



not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 90.00 Lakhss and a provision of Rs 3.28 Lakh has been indicated for Environment management.

The proposed estimated reserve is 72,912 cum and annual production capacity as per Form I has been indicated as 58,330 cum per annum.

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


**Based on the presentation made and information provided the Committee decided that the proposal for Jabra Sand Mining Project of Shri Sharmendra Kumar Mahto at Village- Jabra, Thana- Karra, Dist.- Khunti, Jharkhand (6.07 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXV. Torpa Sand Mining Project of Shri Nilambar Yadav at Mouza- Torpa, Thana- Torpa, Dist.- Khunti, Jharkhand (5.26 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 5.26 Ha [Khata No.- 183, Plot No.- 114 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 306, dated- 17.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-



economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 75.00 Lakhs and a provision of Rs 5.94 Lakh has been indicated for Environment management.

The proposed estimated reserve is 89,268 cum and annual production capacity as per Form I has been indicated as 71,414 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Torpa Sand Mining Project of Shri Nilambar Yadav at Mouza- Torpa, Thana- Torpa, Dist.- Khunti, Jharkhand (5.26 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXVI. Fudi Sand Mining Project of Shri Unith Kumar Kashyap at Village- Fudi, Thana- Khunti, Dist.- Khunti, Jharkhand (1.70 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 1.70 Ha [Block - A Khata No.- 142, Plot No.- 125, Block-B Khata No.- 56, Plot No.- 290]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 298, dated- 17.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 50.00 Lakhs and a provision of Rs 3.02 Lakh has been indicated for Environment management.

The proposed estimated reserve is 34,768 cum and annual production capacity as per Form I has been indicated as 27,814 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Fudi Sand Mining Project of Shri Unith Kumar Kashyap at Village- Fudi, Thana- Khunti, Dist.- Khunti, Jharkhand (1.70 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XXVII. Hesapora & Parsadih Sand Mining Project of Mr. Siddarth of M/s Siddarth Construction at Village- Hesaproa & Parsadih, Anchal- Gola, Panchayat- Hesapora, Dist.- Ramgarh, Jharkhand (Hesapora – 4.04 Ha, Parsadih- 3.64 Ha Total – 7.68 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 7.68 Ha [Hesapora Khata No.- 55, Plot No.- 1 (P), Parsadih Khata No.- 55, Plot No.- 1 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DC's cum DM's allotment letter no.- 854, dated- 11.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.80 Crores and a provision of Rs 3.80 Lakh has been indicated for Environment management.

The proposal is for mine lease having two blocks. The proposed estimated reserve is Hesapora- 76,260 cum, Parsadih- 65,932 cum and annual production capacity as per Form I has been indicated as Hesapora- 61,008 cum, Parsadih- 52,746 cum per annum .

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

**Based on the presentation made and information provided the Committee decided that the proposal for Hesapora & Parsadih Sand Mining Project of Mr. Siddarth of M/s Siddarth Construction at Village- Hesaproa & Parsadih, Anchal- Gola, Panchayat- Hesapora, Dist.- Ramgarh, Jharkhand (Hesapora – 4.04 Ha, Parsadih- 3.64 Ha Total – 7.68 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXVIII. Mahadevdih Sand Mining Project of Shri Bulu Kumar Rai at Village- Mahadevdih, Panchayat- Udnabad, Dist.- Giridih, Jharkhand (5.68 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 5.68 Ha [Khata No.- 35, Plot No.- 361 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1774, dated- 28.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.00 Crores and a provision of Rs 1.97 Lakh has been indicated for Environment management.

The proposed estimated reserve is 93,690 cum and annual production capacity as per Form I has been indicated as 74,952 cum per annum.

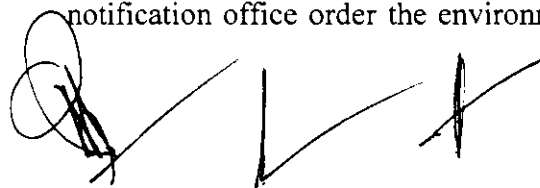
PP has submitted certificates from DMO & DFO. PP has submitted Affidavit that there is no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Mahadevdih Sand Mining Project of Shri Bulu Kumar Rai at Village- Mahadevdih, Panchayat- Udnabad, Dist.- Giridih, Jharkhand (5.68 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXIX. Churi Sand Mining Project of Shri Pankaj Kumar at Village- Churi, Thana- Khalari, Dist.- Ranchi, Jharkhand (14.77 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 14.77 Ha [Khata No.- 67, Plot No.- 192 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 788, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is



not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 2.60 Crores and a provision of Rs 1.97 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,24,900 cum and annual production capacity as per Form I has been indicated as 2,59,920 cum per annum.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Churi Sand Mining Project of Shri Pankaj Kumar at Village- Churi, Thana- Khalari, Dist.- Ranchi, Jharkhand (14.77 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXX. Hurlung, Manpita & Lupungdih Sand Mining Project of M/s The Adivasi Welfare Society at Village-Hurlung, Manpita & Lupungdih P.O. & Thana- Luabasa, Birsanagar, Dist.- East Singhbhum, Jharkhand. (Hurlung- 10.13 Ha, Manpita- 2.83 Ha & Lupungdih- 4.0468 Ha Total- 17.0068 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

Hurlung, Manpita & Lupungdih Sand Mining Project was submitted to MoEF under category 'A' since it was located within 10 km radius of Wildlife Sanctuary, thus general condition was applicable. MoEF & CC after due diligence forwarded the proposal to SEIAA, Jharkhand on 11.08.2015 for appraisal under category 'B'. Following the laid procedure considering total area of 17.0068 Ha i.e. less than 25 Ha. This is a Sand Mining Project for having an area of 17.0068 Ha (Hurlung- 10.13 Ha, Manpita- 2.83 Ha & Lupungdih- 4.0468 Ha Total- 17.0068 Ha). [Hurlung- Khata No.- 426, Plot No.- 1 & 2107, Manpita- Khata No.- 173, Plot No.- 1030 & Lupungdih Khata No.- 65, Plot No.- 1 & 152]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DC's cum DM's allotment letter no.- 2149, dated- 28.09.2013 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee

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felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 2.50 Crores and a provision of Rs 9.46 Lakh has been indicated for Environment management.

The proposal is for mine lease having three blocks. The proposed estimated reserve is Hurlung- 90724 cum, Manpita- 18,375 cum & Lupungdih- 36,476 cum and annual production capacity as per Form I has been indicated as Hurlung- 72,600 cum, Manpita- 14,364 cum & Lupungdih- 26,400 cum per annum .

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

**Based on the presentation made and information provided the Committee decided that the proposal for Hurlung, Manpita & Lupungdih Sand Mining Project of M/s The Adivasi Welfare Society at Village-Hurlung, Manpita & Lupungdih P.O. & Thana- Luabasa, Birsanagar, Dist.- East Singhbhum, Jharkhand. (Hurlung- 10.13 Ha, Manpita- 2.83 Ha & Lupungdih- 4.0468 Ha Total- 17.0068 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure.I.**

**XXXI. Hetburhadih Sand Mining Project of Shri Gopal Kumar Mahato, Vill.- Hetburhadih, P.O.- Burhadih, Thana- Bundu, Dist.- Ranchi, Jharkhand (17.20 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 17.20 Ha [Plot No.- 531]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 873, dated- 27.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme. Environmental protection measures proposed to be adopted, proposal for carrying out

CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 4.60 Crores and a provision of Rs 14.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,83,790 cum and annual production capacity as per Form I has been indicated as 3,07,032 cum per annum.

PP has submitted certificates from DMO & DFO. DFO's certificate it has been mentioned that in case the land is Jungle Jhari, then necessary permission is to be obtained. PP has submitted copy of khatiyani certified by DMO which states that the land is registered as Nadi. PP has submitted Affidavit that there is no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Hetburhadih Sand Mining Project of Shri Gopal Kumar Mahato, Vill.- Hetburhadih, P.O.- Burhadih, Thana- Bundu, Dist.- Ranchi, Jharkhand (17.20 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XXXII. Erkiya Sand Mining Project of Shri Gopal Kumar Mahato at Village- Erkiya, P.O. – Burhadih, Anchal- Bundu, Dist.- Ranchi, Jharkhand (20.33 Ha).**

**Consultant- M/S Green Cindia Consulting Pvt Ltd, Ranchi, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 20.33 Ha [Plot No.- 738, 738/754, 738/756, 738/757 & 738/758]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 873, dated- 27.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 6.80 Crores and a provision of Rs 15.72 Lakh has been indicated for Environment management.

The proposed estimated reserve is 4,67,460 cum and annual production capacity as per Form I has been indicated as 3,73,968 cum per annum.

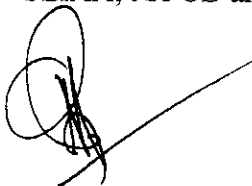
PP has submitted certificates from DMO & DFO. DFO's certificate it has been mentioned that in case the land is Jungle Jhari, then necessary permission is to be obtained. PP has submitted copy of khatiyani certified by DMO which states that the land is registered as Nadi. PP has submitted Affidavit that there is no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Erkiya Sand Mining Project of Shri Gopal Kumar Mahato at Village- Erkiya, P.O. – Burhadih, Anchal- Bundu, Dist.- Ranchi, Jharkhand (20.33 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.**

## Annexure I

### A. Specific Conditions

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



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8. 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).
9. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
10. The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season. Due consideration will be given to points raised in Supreme Court judgement and SEIAA guidelines.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent will provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
13. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management rules.
14. Project falling within 1.0 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
15. Natural /customary paths used by villagers should not be obstructed at any time by the activities proposed under the project. Transportation of sand is to be carried out with consent of Villagers and Trucks are to be covered with Tarpaulin.
16. Local flora may be planted in the Core Zone of the Mining Lease area.
17. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
18. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
19. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
20. 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.
21. 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.

22. 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.
23. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
24. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
25. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
26. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

**B. General conditions**

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



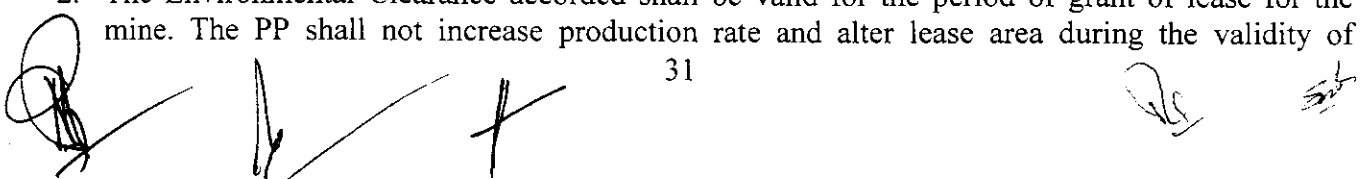
In this regards the safety notified zone should be left so that the habitat / nesting area is undisturbed.

11. Hydro- geological study shall be carried out by reputed organization / institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the DMO, JSPCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
12. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the DMO, JSPCB and SEIAA and this activity should be completed before the start of sand mining.
13. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects / tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
14. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO / Horticulture Officer. At least 33 % equivalent to lease area is to be covered with local species of plant. Plantation is to be carried out along Village road and other roads, community places like schools, temples, religious places, panchayat bhawan, etc.
15. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
16. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities, Maintenance of Village roads through which transportation of minerals is to be undertaken, shall be carried out by the project proponent regularly at his own expenses.
17. Measures for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried out with geo textile matting or other suitable material.
18. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
19. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile / insect like snake. Periodical and Annual medical check up of workers as per Mines Act and they should be covered under ESI as per rule.
20. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
21. The Project proponent shall maintain register for production and dispatch and submit return to the SEIAA / JSPCB / concerned authorities.
22. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.

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

#### **C. Other points**

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

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## Environmental Clearance.

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

## **2. Proposals related to Stone Mine**

### **I. Tantri Stone Mine of M/s Maa Laxmi Stone Mine of Mr. Ashok Kumar Soren at Village- Tantri, P.O.- Jaridih, Dist.- Bokaro, Jharkhand (2.25 Ha).**

#### **Consultant- M/S ENV DAS India Pvt Ltd, Lucknow, RQP- Dr. R.N. Singh**

This is a Stone Mining Project for having an area of 2.25 Ha [Khata No.- 113, Plot No.- 1192, Khata No.- 103, Plot No.- 1193, 1195, 1197 & 1198, Khata No.- 138, Plot No.- 1194 & Khata No.- 119, Plot No.- 1196]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 33.00 Lakh and a provision of Rs 2.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 7,36,703 t

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

1<sup>st</sup> Year : 1,43,370 t  
2<sup>nd</sup> Year : 1,38,510 t



3 <sup>rd</sup> Year	:	1,33,650 t
4 <sup>th</sup> Year	:	1,28,790 t
5 <sup>th</sup> Year	:	1,23,930 t

The daily production as per Form-I is 445 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. In DFO's certificate it has been mentioned that in case the land is Jungle Jhari. Then no non forest work is permissible. CO in his certificate has indicated that land is Raiyati. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Tantri Stone Mine of M/s Maa Laxmi Stone Mine of Mr. Ashok Kumar Soren at Village- Tantri, P.O.- Jaridih, Dist.- Bokaro, Jharkhand (2.25 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**II. Tantri Stone Mine of M/s Ankit Stone Mine of Shri Harpreet Singh Jaggi at Village- Tantri, P.S.- Jaridih, Dist.- Bokaro, Jharkhand (1.77 Ha).**

**Consultant- M/S ENV DAS India Pvt Ltd, Lucknow, RQP- Dr. R.N. Singh**

This is a Stone Mining Project for having an area of 1.77 Ha [Khata No.- 132, Plot No.- 1442 to 1444, 1449 to 1451, Khata No.- 103, Plot No.- 1473]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 30.00 Lakh and a provision of Rs 2.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	4,80,022 t
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Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 <sup>st</sup> Year	:	89,505 t
2 <sup>nd</sup> Year	:	86,346 t
3 <sup>rd</sup> Year	:	83,187 t
4 <sup>th</sup> Year	:	80,028 t

5<sup>th</sup> Year : 76,869 t

The daily production as per Form-I is 277 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. In DFO's certificate it has been mentioned that in case the land is Jungle Jhari. Then no non forest work is permissible. CO in his certificate has indicated that land is Raiyati & Gairmajurwa Khas. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Tantri Stone Mine of M/s Ankit Stone Mine of Shri Harpreet Singh Jaggi at Village- Tantri, P.S.- Jaridih, Dist.- Bokaro, Jharkhand (1.77 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**III. Bankuchiya Stone Mine of Mr. Indal Singh at Village- Bankuchiya, P.O.- Udiya Chirudih, Dist.- East Singhbhum, Jharkhand (1.50 Ha).**

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

This is a Stone Mining Project for having an area of 1.50 Ha [Khata No.- 409, Plot No.- 2966 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 37.62 Lakh and a provision of Rs 3.70 Lakhs will be kept for Environment management.

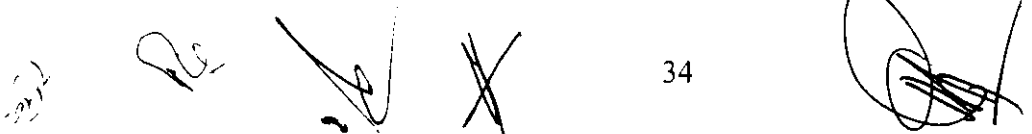
The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 5,01,123 t

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

1 <sup>st</sup> Year	:	50,706 t
2 <sup>nd</sup> Year	:	50,424 t
3 <sup>rd</sup> Year	:	50,304 t
4 <sup>th</sup> Year	:	50,784 t
5 <sup>th</sup> Year	:	50,568 t

The daily production as per Form-I is 180 tonnes.

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PP has submitted certificates from Circle Officer, DFO & DMO. In DFO's certificate it has been mentioned that in case the land is Jungle Jhari. Then no non forest work is permissible. CO in his certificate has indicated that land is Wakast (Raiyati). The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Bankuchiya Stone Mine of Mr. Indal Singh at Village- Bankuchiya, P.O.- Udiya Chirudih, Dist.- East Singhbhum, Jharkhand (1.50 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**IV. Nawadih Stone Mine of Shri Gopalji Pandey at Village- Nawadih, P.O.- Petarwar, Dist.- Bokaro, Jharkhand (1.14 Ha).**

**Consultant- M/S ENV DAS India Pvt Ltd, Lucknow, RQP- Dr. R.N. Singh**

This is a Stone Mining Project for having an area of 1.14 Ha [Khata No.- 08, Plot No.- 504]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 25.00 Lakh and a provision of Rs 1.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

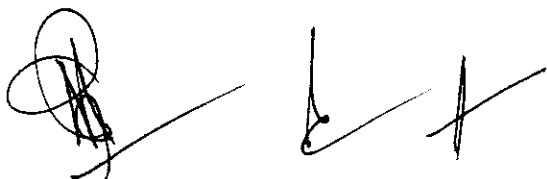
Mineable Proved Reserve : 3,12,077 t

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

1 <sup>st</sup> Year	:	89,011 t
2 <sup>nd</sup> Year	:	82,426 t
3 <sup>rd</sup> Year	:	77,760 t
4 <sup>th</sup> Year	:	73,094 t
5 <sup>th</sup> Year	:	66,290 t

The daily production as per Form-I is 259 tonnes.

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



Based on the presentation made and information provided the Committee decided that the proposal for Nawadih Stone Mine of Shri Gopalji Pandey at Village- Nawadih, P.O.- Petarwar, Dist.- Bokaro, Jharkhand (1.14 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.

V. Metal Stone Mine of M/S Reyaz Ahmad at Village- Asehar, Tehsil- Panki, Dist.- Palamu, Jharkhand (5.8478 Ha).

Consultant- M/S Anacon Labs, Nagpur, RQP- Sri P.K. Sen

PP had applied to SEIAA alongwith Form-I and PFR. ToR's were issued vide letter no.- 109, dated - 14.08.2013. In view of 31<sup>st</sup> meeting of SEIAA held on 27.05.2015 wherein it was decided that "SEIAA decided to comply with the order of the MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013 effective from date of issuance of the direction, so the cases up to 25 Ha. for which ToRs has already been issued or are being issued or is under consideration for issuance of ToRs will be heard by the SEAC and the PP will be not insisted upon to submit EIA/EMP in such cases has spelled out in MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013". PP has applied to SEIAA for reconsideration of its proposal under B2 category. In view of the decision taken above SEIAA has referred the matter to SEAC for examination of approved mine plan and other documents. This is a Stone Mining Project for having an area of 5.8478 Ha [Khata No.- 117, Plot No- 2159] . The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 19.00 Lakh and a provision of Rs 5.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Probable Reserve : 37,85,751 t

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

1 <sup>st</sup> Year	:	24,705 t
2 <sup>nd</sup> Year	:	32,427 t
3 <sup>rd</sup> Year	:	39,582 t
4 <sup>th</sup> Year	:	42,795 t
5 <sup>th</sup> Year	:	55,863 t

The daily production as per Form-I is 186 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Metal Stone Mine of M/S Reyaz Ahmad at Village- Asehar, Tehsil- Panki, Dist.- Palamu, Jharkhand (5.8478 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**VI. Patratu Stone Deposit of Shri Pradip Sahu at Village- Patratu, Thana- Kisko, Dist.- Lohardaga, Jharkhand. (1.21 Ha)**

**Consultant- M/S Ascenso Enviro Pvt Ltd, Noida, RQP- Sri D.P. Choudhary**

This is a Stone Mining Project for having an area of 1.21 Ha [Khata No.- 125, Plot No.- 215 (P) & 218 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 17.84 Lakh and a provision of Rs 1.58 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

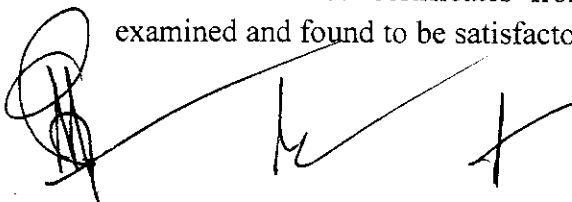
Mineable Proved Reserve : 2,03,625 t

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

1 <sup>st</sup> Year	:	21,576 t
2 <sup>nd</sup> Year	:	21,717 t
3 <sup>rd</sup> Year	:	21,570 t
4 <sup>th</sup> Year	:	21,447 t
5 <sup>th</sup> Year	:	21,639 t

The daily production as per Form-I is 72 tonnes.

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



Based on the presentation made and information provided the Committee decided that the proposal for Patratu Stone Deposit of Shri Pradip Sahu at Village- Patratu, Thana- Kisko, Dist.- Lohardaga, Jharkhand. (1.21 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.

**VII. Jaikan Quartzite Deposit of Smt. Rajashri Pati at Village- Jaikan, Tehsil- Gamharia, Dist.- Saraikela- Kharsawan, Jharkhand (1.34 Ha).**

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

This is a Stone Mining Project for having an area of 1.34 Ha [Khata No.- 141, Plot No.- 1304]. 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 4.09 Lakh and a provision of Rs 3.49 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 69,615 t

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

1 <sup>st</sup> Year	:	20,000 t
2 <sup>nd</sup> Year	:	20,000 t
3 <sup>rd</sup> Year	:	19,999 t
4 <sup>th</sup> Year	:	20,000 t
5 <sup>th</sup> Year	:	10,383 t

The daily production as per Form-I is 67 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Jaikan Quartzite Deposit of Smt. Rajashri Pati at Village- Jaikan, Tehsil- Gamharia, Dist.- Saraikela- Kharsawan, Jharkhand (1.34 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.

**VIII. Sikri Stone deposit of Shri Sudhir Kumar Singh & Omprakash Sing Village- Sikri, P.S.- Simariya, Dist.- Chatra, Jharkhand (1.62 Ha).**

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

This is a Stone Mining Project for having an area of 1.62 Ha [Khata No.- 1, Plot No.- 128 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 68.00 Lakh and a provision of Rs 1.97 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 5,50,644 t

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

1 <sup>st</sup> Year	:	61,260 t
2 <sup>nd</sup> Year	:	61,227 t
3 <sup>rd</sup> Year	:	61,284 t
4 <sup>th</sup> Year	:	61,596 t
5 <sup>th</sup> Year	:	60,594 t

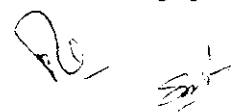
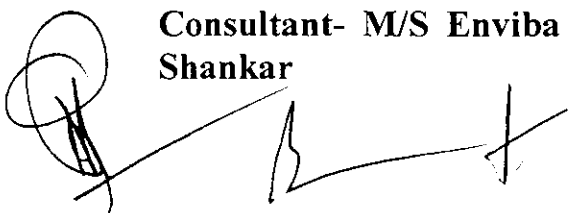
The daily production as per Form-I is 205 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Sikri Stone deposit of Shri Sudhir Kumar Singh & Omprakash Singh at Village- Sikri, P.S.- Simariya, Dist.- Chatra, Jharkhand (1.62 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**IX. Pupunki Stone deposit of Sri Vikash Chandra Agrawal at Village- Pupunki, Thana- Chas, Dist.- Bokaro, Jharkhand (0.69 Ha).**

**Consultant- M/S Enviba Environ Mental Services Pvt Ltd, RQP- Sri Ajay Shankar**



This is a Stone Mining Project for having an area of 0.69 Ha [Khata No.- 07, Plot No.- 1161 (P), 1172 (P) & 1173]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 20.00 Lakh and a provision of Rs 2.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,57,804 t

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

1 <sup>st</sup> Year	:	16,524 t
2 <sup>nd</sup> Year	:	15,876 t
3 <sup>rd</sup> Year	:	15,973 t
4 <sup>th</sup> Year	:	15,377 t
5 <sup>th</sup> Year	:	13,605 t

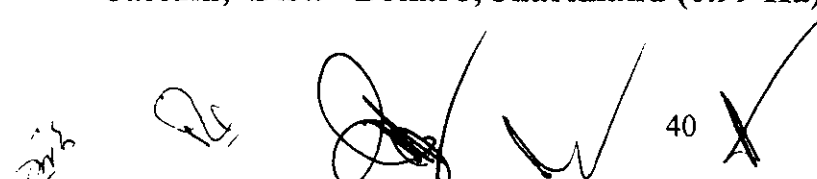
The daily production as per Form-I is 55 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The minimum distance of forest from mining lease area is 360 m on Northern side. The meets the guideline of SEIAA. DFO has also mentioned that operation of mine will have adverse effect on forest land & wildlife. SEIAA may consider writing to DFO to know about the expected impacts being contemplated by DFO in this case. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Pupunki Stone deposit of Sri Vikash Chandra Agrawal at Village- Pupunki, Thana- Chas, Dist.- Bokaro, Jharkhand (0.69 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**X. Khutri Stone Mine of Shri Bhagwan Singh at Village- Khutri, Thana - Jaridih, Dist.- Bokaro, Jharkhand (0.99 Ha).**

20/3  
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**Consultant- M/S Enviba Environ Mental Services Pvt Ltd, RQP- Sri Ajay Shankar**

This is a Stone Mining Project for having an area of 0.99 Ha [Khata No.- 67, Plot No.- 2785 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 18.50 Lakh and a provision of Rs 2.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 4,04,549 t

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

1 <sup>st</sup> Year	:	41,364 t
2 <sup>nd</sup> Year	:	41,645 t
3 <sup>rd</sup> Year	:	40,103 t
4 <sup>th</sup> Year	:	40,168 t
5 <sup>th</sup> Year	:	33,899 t

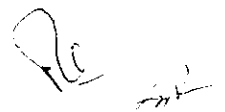
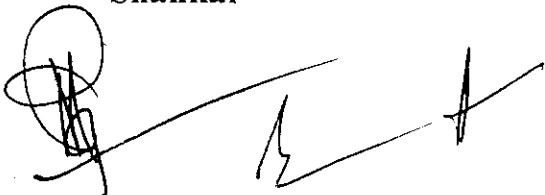
The daily production as per Mine Plan is 134 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. DFO as indicated that the land could be Jangal Jhadi. However CO has indicated that the land is Gair Majuruwa. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Khutri Stone Mine of Shri Bhagwan Singh at Village- Khutri, Thana - Jaridih, Dist.- Bokaro, Jharkhand (0.99 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

**XI. Rohar Stone Deposit of Shri Babu Ram Manjhi at Village - Rohar, P.S – Petarwar, Dist.-Bokaro, Jharkhand (0.93 Ha).**

**Consultant- M/S Enviba Environ Mental Services Pvt Ltd, RQP- Sri Ajay Shankar**



This is a Stone Mining Project for having an area of 0.93 Ha [Khata No.- 39, Plot No.- 40]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 30.00 Lakh and a provision of Rs 3.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 3,83,675 t

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

1 <sup>st</sup> Year	:	38,556 t
2 <sup>nd</sup> Year	:	38,718 t
3 <sup>rd</sup> Year	:	38,524 t
4 <sup>th</sup> Year	:	38,745 t
5 <sup>th</sup> Year	:	38,421 t

The daily production as per Form-I is 131 tonnes.

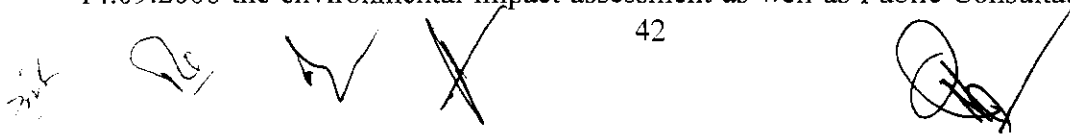
PP has submitted certificates from Circle Officer, DFO & DMO. In DFO's certificate it has been mentioned that in case the land is Jungle Jhari. Then no non forest work is permissible. CO in his certificate has indicated that land is Raiyati Land. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee decided that the proposal for Rohar Stone Deposit of Shri Babu Ram Manjhi at Village - Rohar, P.S - Petarwar, Dist.-Bokaro, Jharkhand (0.93 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

## **XII. Padapahar Stone Mine of M/s Trustline Dealers Pvt. Ltd., Village- Padapahar, Thana- Kolhan, Dist.- West Singhbhum, Jharkhand. (4.04 Ha)**

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

This is a Stone Mining Project for having an area of 4.04 Ha [Khata No.- 02, Plot No.- 290 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required.



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

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 43.00 Lakh and a provision of Rs 3.75 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 19,12,783 t

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

1 <sup>st</sup> Year	:	1,82,855 t
2 <sup>nd</sup> Year	:	2,01,112 t
3 <sup>rd</sup> Year	:	2,05,486 t
4 <sup>th</sup> Year	:	2,09,120 t
5 <sup>th</sup> Year	:	2,13,905 t

The daily production as per Form-I is 725 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Padapahar Stone Mine of M/s Trustline Dealers Pvt. Ltd., Village-Padapahar, Thana- Kolhan, Dist.- West Singhbhum, Jharkhand. (4.04 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.**

## Annexure -II

### A. Specific Conditions

1. The environmental clearance is subject to grant of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.

4. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
5. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
6. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
7. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
8. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
9. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
10. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
11. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
12. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
13. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
14. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.

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

**B. General conditions**

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.

5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

**C. Other points**

Handwritten initials and signatures, including a large signature and a checkmark.

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

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

#### **XIII. Dhabwa Stone Mine of M/S Simran Enterprises of Mr. Sanjay Kumar at Village- Dhabwa, Thana- Madhupur, Dist.- Deoghar, Jharkhand (1.618 Ha).**

##### **Consultant- M/S En-Vision Environmental Services, Surat, RQP- Sri Joydeep Banerjee**

This is a Stone Mining Project for having an area of 1.618 Ha [Khata No.- 16, Plot No.- 316 (P)]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 01.10.2011 to 26.12.2015.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 16.00 Lakh and a provision of Rs 1.30 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 5,65,261 t

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

1 <sup>st</sup> Year	:	57,094 t
2 <sup>nd</sup> Year	:	56,778 t
3 <sup>rd</sup> Year	:	57,089 t
4 <sup>th</sup> Year	:	57,132 t
5 <sup>th</sup> Year	:	57,326 t

The daily average production based on 300 working days as per Form I is 191 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Dhabwa Stone Mine of M/S Simran Enterprises of Mr. Sanjay Kumar at Village- Dhabwa, Thana- Madhupur, Dist.- Deoghar, Jharkhand (1.618 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XIV. Ahrichuan Stone Mine of Sri Gaur Chandra Mandal at Village- Ahrichuan, P.S.- Gopikander, Dist.- Dumka, Jharkhand (4.98 Ha).**

**Consultant- M/S Enviro Care Technocrats Pvt. Ltd, Surat, RQP- Sri Ajay Shankar**

This is a Stone Mining Project for having an area of 4.98 Ha [Khata No.- 25, Plot No.- 399, Khata No.- 55, Plot No.- 400]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 14.08.2010 for a period of 05 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 21.80 Lakh and a provision of Rs 9.60 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 43,26,083 t



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

1 <sup>st</sup> Year	:	4,57,134 t
2 <sup>nd</sup> Year	:	4,57,151 t
3 <sup>rd</sup> Year	:	4,57,145 t
4 <sup>th</sup> Year	:	4,57,083 t
5 <sup>th</sup> Year	:	4,57,034 t

The daily production as per Form-I is 1550 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Ahrichuan Stone Mine of Sri Gaur Chandra Mandal at Village- Ahrichuan, P.S.- Gopikander, Dist.- Dumka, Jharkhand (4.98 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XV. Patnibona Stone Mine of M/S Hindustan Industries & Mining Corporation at Village- Patnibona, Tehsil- Taljhari, Dist.- Sahibaganj, Jharkhand (15.58 Ha).**

**Consultant- M/S Crystal Consultants, Ranchi, RQP- Sri P.K. Sen**

The file was transferred from MoEF on 28.10.2014. ToR's were prescribed vide SEIAA letter no.- 867, dated – 01.05.2015. In view of 31<sup>st</sup> meeting of SEIAA held on 27.05.2015 wherein it was decided that "SEIAA decided to comply with the order of the MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013 effective from date of issuance of the direction, so the cases up to 25 Ha. for which ToRs has already been issued or are being issued or is under consideration for issuance of ToRs will be heard by the SEAC and the PP will be not insisted upon to submit EIA/EMP in such cases has spelled out in MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013". PP has applied to SEIAA for reconsideration of its proposal under B2 category. In view of above SEIAA has referred the matter to SEAC for examination of approved mine plan and other documents. This is a Stone Mining Project for having an area of 15.58 Ha [Khata No.- 22, Plot No.- 28 & 29, Khata No.- 19, Plot No.- 49, 50 Khata No.- 02, Plot No.- 178 & 180, Khata No.- 27, Plot No.- 32, 33, 170, Khata No.- 08, Plot No.- 166, Khata No.- 24, Plot No.- 31, 171, 172, Khata No.- 11, Plot No.- 174, Khata No.- 16, Plot No.- 30, Khata No.- 29, Plot No.- 176, Khata No.- 07, Plot No.- 27, 179, Khata No.- 09, Plot No.- 181, Khata No.- 31, Plot No.- 182, 51, Khata No.- 34, Plot No.- 26 (P), 175, 177]. The committee noted that as per Form I it is a proposal for existing of mining lease for which PP is seeking EC. The lease was valid w.e.f. 02.09.2009 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) 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 31.25 Lakh and a provision of Rs 11.25 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,34,21,468 t

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

1 <sup>st</sup> Year	:	2,50,587 t
2 <sup>nd</sup> Year	:	2,50,109 t
3 <sup>rd</sup> Year	:	2,50,776 t
4 <sup>th</sup> Year	:	2,50,420 t
5 <sup>th</sup> Year	:	2,49,059 t

The daily production as per Mine Plan is 834 tonnes.

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

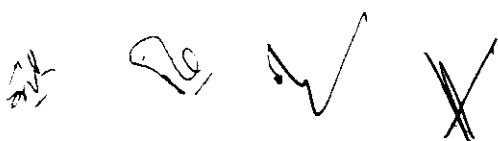
**Based on the presentation made and information provided the Committee decided that the proposal for Patnibona Stone Mine of M/S Hindustan Industries & Mining Corporation at Village- Patnibona, Tehsil- Taljhari, Dist.- Sahibganj, Jharkhand (15.58 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XVI. Chalpahar Stone Mine of Shri Vikram Pratap of M/s Swastik Mineral Agency at Village- Chalpahar, Tehsil- Taljhari, Dist.- Sahibganj, Jharkhand (12.367 Ha).**

**Consultant- M/S Crystal Consultants, Ranchi, RQP- Sri P.K. Sen**

This is a Stone Mining Project for having an area of 12.367 Ha [Khata No.- 12, Plot No.- 3, 15 (P), 16 (P), 18 (P), 25, 27 & 31, Khata No.- 4, Plot No.- 4, 23 & 30, Khata No.- 6, Plot No.- 5, 6 & 21, Khata No.- 15, Plot No.- 17, 20 & 38, Khata No.- 10, Plot No.- 24, Khata No.- 8, Plot No.- 26, Khata No.- 11, Plot No.- 28 & 29, Khata No.- 9, Plot No.- 39, Khata No.- 13, Plot No.- 32]. The committee noted that as per Form I it is a proposal for existing of mine lease for which PP is seeking EC. The lease was valid w.e.f. 26.12.2009 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that



he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 38.50 Lakh and a provision of Rs 11.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 86,94,906 t

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

1 <sup>st</sup> Year	:	6,00,375 t
2 <sup>nd</sup> Year	:	6,00,765 t
3 <sup>rd</sup> Year	:	6,00,354 t
4 <sup>th</sup> Year	:	6,00,036 t
5 <sup>th</sup> Year	:	6,00,048 t

The daily production as per Form-I is 2002 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Chalpahar Stone Mine of Shri Vikram Pratap of M/s Swastik Mineral Agency at Village- Chalpahar, Tehsil- Taljhari, Dist.- Sahibganj, Jharkhand (12.367 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XVII. Sabaigarha Stone Mine of Shri Rajiv Nayan Sharma at Mouza- Sabaigarha, Thana- Baliapur, Dist.- Dhanbad, Jharkhand (1.53 Ha).**

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

This is a Stone Mining Project for having an area of 1.53 Ha [Khata No.- 21, Plot No.- 329 (P) New, 206 (P) Old]. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 14.03.2005 to 13.03.2011 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 37.00 Lakh and a provision of Rs 1.26 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 5,32,818 t

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

1 <sup>st</sup> Year	:	56,406 t
2 <sup>nd</sup> Year	:	56,457 t
3 <sup>rd</sup> Year	:	56,556 t
4 <sup>th</sup> Year	:	56,469 t
5 <sup>th</sup> Year	:	56,352 t

The daily production as per Form-I is 189 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Sabaigarha Stone Mine of Shri Rajiv Nayan Sharma at Mouza- Sabaigarha, Thana- Baliapur, Dist.- Dhanbad, Jharkhand (1.53 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

**XVIII. Sabaigarha Stone Mine of Shri Vivek Kumar Agarwal at Village- Sabaigarha, P.O.- Palani, Thana- Baliapur, Dist.- Dhanbad, Jharkhand (0.81 Ha).**

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

This is a Stone Mining Project for having an area of 1.53 Ha [Khata No.- 21, Plot No.- 329 (P) New, 206 (P) Old]. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 14.03.2005 to 13.03.2015 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

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

indicated project cost is Rs 37.00 Lakh and a provision of Rs 1.26 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 2,39,331 t

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

1 <sup>st</sup> Year	:	24,573 t
2 <sup>nd</sup> Year	:	24,249 t
3 <sup>rd</sup> Year	:	24,135 t
4 <sup>th</sup> Year	:	24,051 t
5 <sup>th</sup> Year	:	24,021 t

The daily production as per Form-I is 82 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Sabaigarha Stone Mine of Shri Vivek Kumar Agarwal at Village- Sabaigarha, P.O.- Palani, Thana- Baliapur, Dist.- Dhanbad, Jharkhand (0.81 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

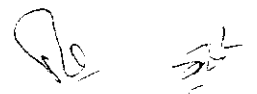
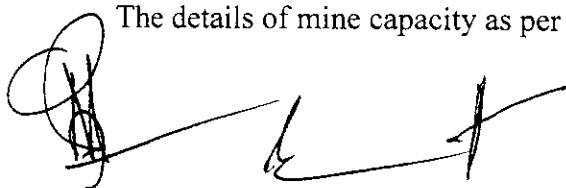
**XIX. Kharkhar Stone Mine of Sri Durga Stone Chips of Sri Himanshu Kedia at Village- Kharkhar, Thana- Nawalsahi, Dist.- Kodarma, Jharkhand (0.40 Ha).**

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

This is a Stone Mining Project for having an area of 0.40 Ha [Khata No.- 358, Plot No.- 3557 (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. 01.02.2007 to 30.03.2012.. 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 27.00 Lakh and a provision of Rs 0.92 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are



Mineable Proved Reserve : 57,124 t

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

1 <sup>st</sup> Year	:	5643 t
2 <sup>nd</sup> Year	:	5702 t
3 <sup>rd</sup> Year	:	5694 t
4 <sup>th</sup> Year	:	5743 t
5 <sup>th</sup> Year	:	5735 t

The daily production as per Form 1 is 19 tonnes.

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

**Based on the presentation made and information provided the Committee decided that the proposal for Kharkhar Stone Mine of Sri Durga Stone Chips of Sri Himanshu Kedia at Village- Kharkhar, Thana- Nawalsahi, Dist.- Kodarma, Jharkhand (0.40 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure III.**

### Annexure -III

#### A. Specific Conditions

1. The environmental clearance is subject to renewal of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
4. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
5. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
6. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
7. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and

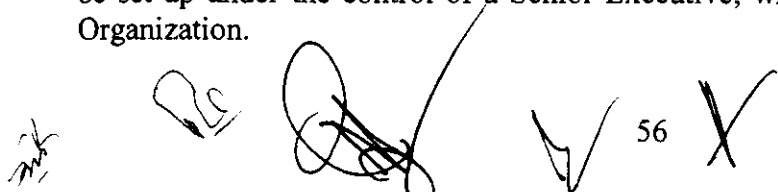
protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.

8. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
9. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
10. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
11. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
12. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
13. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
14. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
15. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
16. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
17. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
18. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
19. Drills shall either be operated with the dust extractors or equipped with water injection system.
20. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.

21. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
22. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
23. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
24. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
25. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
26. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

**B. General conditions**

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

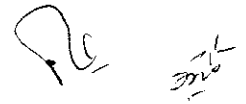
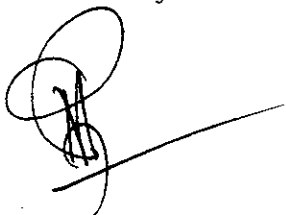
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11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall 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.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

**C. Other points**

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



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

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

#### **I. Bricks Clay Mining of M/s Ganesh Bricks at Village- Chitarpur, P.O. & P.S.- Topchanchi, Dist.- Dhanbad, Jharkhand (0.75 Ha).**

##### **Consultant- M/S ENV DAS India Pvt Ltd, Lucknow**

This is a Brick Clay Mining Project for having an area of 0.75 Ha [Khata No.- 54, Plot No- 1306 & 1309, Khata No.- 84, Plot No.- 1323 & 1324, Khata No.- 292, Plot No.- 1320, Khata No.- 357, Plot No.- 1308, Khata No.- 156, Plot No.- 1321, Khata No.- 342, Plot No.- 1322, Khata No.- 30, Plot No.- 1318 & 1393, Khata No.- 232, Plot No.- 1313 & 1394]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24<sup>th</sup> June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakhs and a provision of Rs 1.55 Lakhs will be kept for Environment management.

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

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

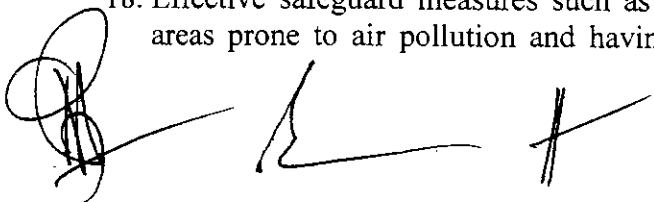
**Based on the presentation made and information provided, the Committee recommends that the proposal for Bricks Clay Mining of M/s Ganesh Bricks at Village- Chitarpur, P.O. & P.S.- Topchanchi, Dist.- Dhanbad, Jharkhand (0.75 Ha). be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given below.**

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

1. The environmental clearance is subject to grant / renewal of mining permit by the Department of Mines, Government of Jharkhand to PP Latest Minor Mineral Concession Rules of Govt. of

Jharkhand and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.

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



unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

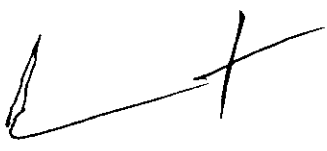

19. The project proponent should implement suitable conservation measures to augment ground water resources in the area as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
20. The project proponent shall if required, obtain necessary prior permission/NOC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

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

1. No change in mining methodology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.

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

**C. Other points**



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

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

1. **Sand Deposit in the River Bed Subarnrekha of M/S Magotia Construction Pvt Ltd at Bhakhar Tehsil- Gudabandh, Dist- Eest- Singhbhum Jharkhand, (1.214 Ha)**
2. **Bandu Sand Deposit of Sri Jagdish Chandra Mahto, at Village- Bandu Tehsil- Lakdi, Dist.- Saraikela Kharsawan, Jharkhand, (1.26 Ha).**
3. **Manikui Sand Deposit of Sri Sujit Mahto At Village- Manikui, Tehsil- Bhadudih, Dist.- Saraikela Kharsawan, Jharkhand, (3.23 Ha).**

The Proposals do not meet the guidelines specified under SEIAA guidelines (distance of 500 m from Bridge).

4. **Khutri Stone Deposit of Sri Tej Narayan Hansda at Village- Khutri, Thana- Jaridih, Dist.- Bokaro, Jharkhand (0.32 Ha).**

DFO's certificate it has been mentioned that in case the land is Jungle Jhari, then no non forest related work is permissible. SEIAA may ask PP to submit certificate from CO regarding category of land.

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

## **5. Proposals related to Balu Ghat**

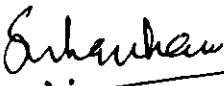
- I. **Sarhachiya Balu Ghat of Shri Kulbindra Singh, Vill- Sarhachiya, Tehsil/Dist- Tenughat (Bairmo) Jharkhand. (8.50 Ha)**

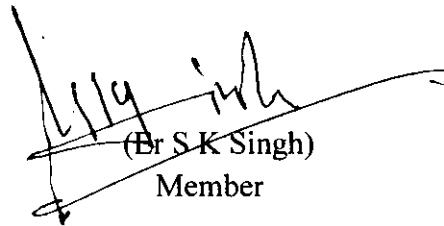
- II. Kasmar Balu Ghat of Shri Sudip Kumar Dey (Partner) M/S Swastik Traders, Vill- Kasmar, Mouza Kasmar, Suryadih & Bendotad, Dist- Bokaro, Jharkhand. (8.78 Ha)
- III. Ponda Balu Ghat of Shri Harnaik Singh, Vill- Ponda, Tehsil- Tenughat, dist- Bokaro, Jharkhand. (1.41 Ha.)
- IV. Rangamati Balu Ghat of Shri Om Kalani, vill- Rangamati, Tehsil- Tenughat, Dist- Bokaro, Jharkhand. (2.43 Ha)
- V. Pokhanna Balu Ghat of Shri Harnaik Singh, Vill- Pokhanna, Tehsil/Dist- Bokaro, Jharkhand. (1.69 Ha.)
- VI. Sunta Balu Ghat OF Shri Sudip Kumar Dey (Partner)M/s Swastik Traders, Vill- Sunta, Tehsil- Chas Dist- Bokaro, Jharkhand (3.64 Ha)
- VII. Sand Mining Project of Chalkari Balughat on River Damodar of Shri Om Kalani, Vill- Chalkari Anchal- Petwari, , Dist- Bokaro, Jharkhand, (6.07 Ha)
- VIII. Sand Mining Project of Khetko Balughat on River Damodar of M/S Dhanbad Wine, Shri Shankar Singh, (Partner) Vill- Khetko, Tehsil- Petarwar, Dist- Bokaro, Jharkhand. (2.42 Ha)
- IX. Chokesereng Sand Mine of M/s K.B. Construction, Shri Vishwajit Saha, at Vill- Chokesereng, P.S- Sili, Dist- Ranchi, Jharkhand. Area- (4.16 Ha)

DFO's certificate it has been mentioned that in case the land is Jungle Jhari, then necessary permission is to be obtained. SEIAA may ask PP's to submit certificate from CO regarding category of land.

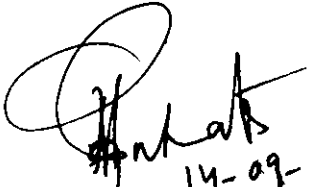
Once the PP provides the information, SEAC will, after examining the same, will refer the matter to SEIAA for consideration for further action.

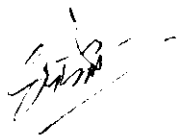
The meeting concluded with thanks to all present.


  
(S.B.S Chauhan)  
Member


  
(Dr S K Singh)  
Member

  
(Dr. R.P. Singh Sangu)  
Member

  
(Prof. (Dr.) M.C. Mahata)  
Member  
14-09-2015

  
(Prof (Dr) Shatrunjay Singh)  
Member

  
(S.K. Suman)  
Secretary

  
(A K Saxena)  
Chairman