

**PART-B MINUTES OF THE 30<sup>th</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 20<sup>th</sup> to 23<sup>rd</sup> JULY, 2015**

The 30<sup>th</sup> meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 20<sup>th</sup> to 23<sup>rd</sup> July, 2015 under the Chairmanship of Sh. A.K. Saxena in the Conference Room at 170 C, Ashok Nagar, Ranchi. The following members were present:

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

Various projects which were received by SEIAA after the previous SEAC meeting held from 29<sup>th</sup> to 30<sup>th</sup> June & 01<sup>st</sup> to 02<sup>nd</sup> July, 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.

**Proposals related to Sand Mine**

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

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

This is a Sand Mining Project for having an area of 8.033 Ha [Plot No-794]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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 Lakh and a provision of Rs 0.70 Lakh has been indicated for Environment management.

The proposed estimated reserve is 81312 cum and annual production capacity as per Form I has been indicated as 65026 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted an Affidavit that there is no intake well, breeding and bridge within 500 m of mine.

**Based on the presentation made and information provided the Committee recommends that the proposal for Goglo Sand Mine Project of M/S Adibasi Welfare Society at Village – Goglo, Nutangarh, P.O+ Thana- Mohishol, Dhalbhumgarh, Dist.- East Singhbhum, Jharkhand (8.033 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

## **II. Sand Mining of Saldih (Dindil) for M/S Amit Trading Corporation at Mouza - Saldih, (Dindil), Thana - Adityapur, District - Saraikela - Kharsawan, Jharkhand (9.64 Ha)**


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

This is a Sand Mining Project for having an area of 9.64 Ha [Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category 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 Lakh and a provision of Rs 4.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,95,687 cum and annual production capacity as per Form I has been indicated as 1,56,550 cum per annum .

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

 **Based on the presentation made and information provided the Committee recommends that the proposal for Sand Mining of Saldih (Dindil) for M/S Amit Trading Corporation at Mouza - Saldih, (Dindil), Thana - Adityapur, District - Saraikela - Kharsawan, Jharkhand**

(9.64 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

**III. Jamni Paharpur Sand Mining project of M/S Swastik Traders at Village- Jamni Paharpur, Anchal- Jamni Paharpur, District- Godda, Jharkhand (3.55 Ha)**

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

This is a Sand Mining Project for having an area of 3.55 Ha [Plot No.- 70, 1063 & 1151]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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 Lakh and a provision of Rs 0.82 Lakh has been indicated for Environment management.

The proposed estimated reserve is 57125 cum and annual production capacity as per Form I has been indicated as 50778 cum per annum .

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

**Based on the presentation made and information provided the Committee recommends that the proposal for Jamni Paharpur Sand Mining project of M/S Swastik Traders at Village- Jamni Paharpur, Anchal- Jamni Paharpur, District- Godda, Jharkhand (3.55 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**IV. Iligara & Kulaburu Sand Deposit of Sri Nikhil Agarwal at Village- Iligara & Kulaburu, Tehsil- Tantanagar, Dist.- West Singhbhum, Jharkhand, (10.926 Ha.)**

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

This is a Sand Mining Project for having an area of 10.926 Ha [Khata No.- 01 & 02, Plot No.- 652 (P), 1695 (P) & 1 (P)]. The committee noted that as per Form I it is a proposal for new

project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 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 20.50 Lakh and a provision of Rs 2.72 Lakh has been indicated for Environment management.

The proposed estimated reserve is 109269 cum and annual production capacity as per Form I has been indicated as 72000 cum per annum .

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

**Based on the presentation made and information provided the Committee recommends that the proposal for Iligara & Kulaburu Sand Deposit of Sri Nikhil Agarwal at Village-Iligara & Kulaburu, Tehsil- Tantanagar, Dist.- West Singhbhum, Jharkhand, (10.926 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**V. Lohedih Balu Ghat of Shri Lalchand Mahto at Village- Lohedih, Tehsil-Dumri, District- Giridih, Jharkhand (2.02 Ha)**

**Consultant- M/S Enviba Environmental Services Pvt Ltd, Noida, RQP- Shri Ajay Shankar**

This is a Sand Mining Project for having an area of 2.02 Ha [Plot No-978]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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 8.00 Lakh and a provision of Rs 1.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 45522 cum and annual production capacity as per Form I has been indicated as 30348 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted an Affidavit that there is no intake well and bridge within 500 m of mine.

**Based on the presentation made and information provided the Committee recommends that the proposal for Lohedih Balu Ghat of Shri Lalchand Mahto at Village- Lohedih, Tehsil- Dumri, District- Giridih, Jharkhand (2.02 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**VI. Saharbera Balughat (Sand mine) of Shri Barun Dev at Vill- Sahrbera Tehsil- Asanbani, P.S- Chandil, Dist.- Saraikela – Kharsawan, Jharkhand (3.23 Ha).**


**Consultant- M/S Enviba Environmental Services Pvt Ltd, Noida, RQP- Shri Ajay Shankar**

This is a Sand Mining Project for having an area of 3.23 Ha [Plot No-963]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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 8.00 Lakh and a provision of Rs 2.75 Lakh has been indicated for Environment management.

The proposed estimated reserve is 72816 cum and annual production capacity as per Form I has been indicated as 48544 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted an Affidavit that there is no intake well and bridge within 500 m of mine.

 **Based on the presentation made and information provided the Committee recommends that the proposal for Saharbera Balughat (Sand mine) of Shri Barun Dev at Vill- Sahrbera**

Tehsil- Asanbani, P.S- Chandil, Dist.- Saraikela – Kharsawan, Jharkhand (3.23 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

**VII. Gopladih Sand Mine of Shri Sahin Rabbini at Village- Gopladih, Tehsil- Barhait, District- Sahibganj, Jharkhand. (1.21 Ha)**

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

This is a Sand Mining Project for having an area of 1.21 Ha [Plot No-594]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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 17.05 Lakh and a provision of Rs 1.25 Lakh has been indicated for Environment management.

The proposed estimated reserve is 48006 cum and annual production capacity as per Form I has been indicated as 22479 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted an undertaking that there is no breeding of mine. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Gopladih Sand Mine of Shri Sahin Rabbini at Village- Gopladih, Tehsil- Barhait, District- Sahibganj, Jharkhand. (1.21 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**VIII. Kosambi Sand Mining Project of Sri Amit Kumar at Village- Kosambi Thana-Karra, Dist.- Khunti, Jharkhand (1.42 Ha.)**

**Consultant- M/S En-Vision Environmental Services, Surat, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 1.42 Ha [Khata No.- 47, Plot No- 515 (P), 930 (P) & 122 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 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 3.50 Lakh and a provision of Rs 1.25 Lakh has been indicated for Environment management.

The proposed estimated reserve is 71581 tonne and annual production capacity as per Form I has been indicated as 71581 tonne per annum .

PP has submitted certificates from DMO. PP has submitted an Affidavit that there is no forest, Intake Well, Bridge & breeding within 500 m of mine. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Kosambi Sand Mining Project Sri Amit Kumar at Village- Kosambi Thana-Karra, Dist.- Khunti, Jharkhand (1.42 Ha.) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**IX. Saradkel Balughat Mining Project of Sri Amit Kumar at Village- Saradkel Thana - Khunti, Dist.- Khunti, Jharkhand, (0.40 Ha)**

**Consultant- M/S En-Vision Environmental Services, Surat, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 0.40 Ha [Khata No.- 119, Plot No- 2488 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 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 3.00 Lakh and a provision of Rs 1.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 12474 tonne and annual production capacity as per Form I has been indicated as 12474 tonne per annum .

PP has submitted certificates from DMO. PP has submitted an Affidavit that there is no forest, Intake Well, Bridge & breeding within 500 m of mine. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Saradkel Balughat Mining Project of Sri Amit Kumar at Village- Saradkel Thana - Khunti, Dist.- Khunti, Jharkhand, (0.40 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**X. Dorma Balughat Deposit of Sri Amit Kumar at Village- Dorma, Thana - Khunti, Dist.- Khunti Jharkhand (1.21 Ha)**

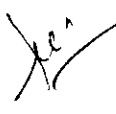
**Consultant- M/S En-Vision Environmental Services, Surat, RQP- Sri Tapan Kumar Chakravarty**

This is a Sand Mining Project for having an area of 1.21 Ha [Khata No.- 221, Plot No- 137 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 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 4.00 Lakh and a provision of Rs 1.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 62694 tonne and annual production capacity as per Form I has been indicated as 62694 tonne per annum .

PP has submitted certificates from DMO. PP has submitted an Affidavit that there is no forest, Intake Well, Bridge & breeding within 500 m of mine. The informations were examined and found to be satisfactory.

 **Based on the presentation made and information provided the Committee recommends that the proposal for Dorma Balughat Deposit of Sri Amit Kumar at Village- Dorma,**



Thana - Khunti, Dist.- Khunti Jharkhand (1.21 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XI. Benashol Sand Mining Project of M/S Rakesh Kumar Agarwal at Mouza- Benashol, P.O. + P.S. - Ghatsila, Dist.- East Singhbhum, Jharkhand (1.76 Ha)**

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

This is a Sand Mining Project for having an area of 1.76 Ha [Khata No.- 236, Plot No- 1011 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 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 28.00 Lakh and a provision of Rs 2.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 24116 cum and annual production capacity as per Form I has been indicated as 19293 cum per annum .

PP has submitted certificates from DMO. PP has submitted an Affidavit that there is no forest within 250 m, No Intake Well, Bridge & breeding within 500 m of mine. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Benashol Sand Mining Project of M/S Rakesh Kumar Agarwal at Mouza- Benashol, P.O. + P.S. - Ghatsila, Dist.- East Singhbhum, Jharkhand (1.76 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

**XII. Rearda Sand Mine of M/s Bikram Mandal at Village- Rearda, P.O- Burudih, Dist.- Saraikela Kharsawan, Jharkhand, (1.62 Ha)**

**Consultant- M/S ENV DAS India Pvt. Ltd, Lucknow, RQP- Sri B. Tirkey**

This is a Sand Mining Project for having an area of 1.62 Ha [Khata No.- 150, Plot No- 401 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 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 18.00 Lakh and a provision of Rs 2.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 13275 cum and annual production capacity as per Form I has been indicated as 11800 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted an Affidavit that there is no Intake Well, Bridge & breeding within 500 m of mine. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Rearda Sand Mine of M/s Bikram Mandal at Village- Rearda, P.O- Burudih, Dist.- Saraikela Kharsawan, Jharkhand, (1.62 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

### **XIII. Bundu Sand Mining of M/s Ranjit Kumar Gupta at Mouza- Bundu, Thana- Giddi, Dist.- Hazaribagh, Jharkhand (1.42 Ha).**

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

This is a Sand Mining Project for having an area of 1.42 Ha [Plot No- 561 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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

persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakh and a provision of Rs 0.57 Lakh has been indicated for Environment management.

The proposed estimated reserve is 46617 cum and annual production capacity as per Form I has been indicated as 37294 cum per annum .

PP has submitted certificates from DMO. PP has submitted an Affidavit that there is no forest within 250 m, No Intake Well, Bridge & breeding within 500 m of mine. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Bundu Sand Mining of M/s Ranjit Kumar Gupta at Mouza- Bundu, Thana- Giddi, Dist.- Hazaribagh, Jharkhand (1.42 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.**

#### **XIV. Gayisuti & Charai Sand Mining Project M/s Narmada Construction at Village- Gayisuti & Charai, P.O + P.S- Sadar Chaibasa, District- West Singhbhum, Jharkhand (10.52 Ha)**

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

This is a Sand Mining Project for having an area of 10.52 Ha [Gayisuti – 5.26 Ha, Plot No-1767 (P), Charai- 5.26 Ha, Plot No.- 883 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 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 70.00 Lakh and a provision of Rs 1.55 Lakh has been indicated for Environment management.

The proposal is for me mine lease having two blocks. The proposed estimated reserve is Gayisuti- 1,92,768 cum, Charai- 1,78,920 cum and annual production capacity as per Form I has been indicated as Gayisuti- 1,54,214 cum, Charai- 1,43,136 cum cum per annum .

PP has submitted certificates from DMO. PP has submitted an undertaking that there is no forest within 250 m, No Intake Well, Bridge & breeding within 500 m of mine. The informations were examined and found to be satisfactory.

## **Annexure I**

### A. Specific Conditions

- 12

10. 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.
11. Natural /customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
12. 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.
13. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
14. 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).
15. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
16. 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.
17. 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.
18. 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.
19. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
20. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
21. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
22. 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.
23. That the proponent shall obtain approval of mining plan within 3 months from the committee constituted by the Deptt. of Mines & Geology, Govt. of Jharkhand from the date of grant of environmental clearance and the proponent shall be bound to comply the additional conditions framed by the Deptt. of Mines & Geology.
24. 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 RO, JSPCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
12. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, JSPCB and SEIAA and this activity should be completed before the start of sand mining.
13. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects / tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.

14. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO / Horticulture Officer.
15. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
16. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities, Maintenance of Village roads through which transportation of minerals is to be undertaken, shall be carried out by the project proponent regularly at his own expenses.
17. Measures for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried out with geo textile matting or other suitable material.
18. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
19. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile / insect like snake. Periodical and Annual medical check up of workers as per Mines Act and they should be covered under ESI as per rule.
20. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
21. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
22. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
23. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
24. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
25. Dispensary facilities for First Aid shall be provided at site.
26. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
27. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
28. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
29. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard

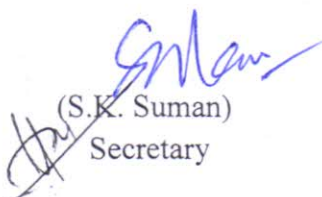


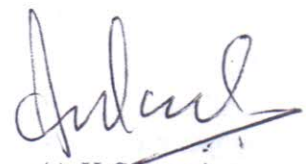
copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.

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

#### C. Other points

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

  
(S.K. Suman)  
Secretary

  
(A K Saxena)  
Chairman