

PART-C MINUTES OF THE 30th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 20th to 23rd JULY, 2015

The 30th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 20th to 23rd 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 29th to 30th June & 01st to 02nd 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.

A. Matters referred by SEIAA

- I. Stone Mine of Sri Chandradhari Prasad at Village-Pundri, Tehsil- Hazaribagh Sadar, District- Hazaribagh, Jharkhand (0.972 Ha)
- II. Stone Mine of M/S Maa Saraswati Stone Works at Village- Churchu, P.S- Sadar, District- Hazaribagh, Jharkhand (0.992 Ha)

The matter was deliberated. The revised CO certificate was examined in which it has been mentioned that the Barsati Nadi is Panghatawa Nala. Which is not a regular River or Stream. SEAC felt that EC may be granted.

B. Projects recommended to SEIAA for consideration of grant of EC.

1. Proposals related to Sand Mine

- I. Sanchpur Shakhi Sand Mining Project of M/s Gupta Traders, Village- Sanchpur Shakhi, P.O- Basantray, P.S- Basantray (Pathar Gama) Dist.- Godda, Jharkhand (1.53 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 1.53 Ha [Plot No-557, 645, 1/675, 10/676, 41]. 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- 24th 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 0.80 Lakh has been indicated for Environment management.

The proposed estimated reserve is 16378 cum and annual production capacity as per Form I has been indicated as 14558 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine.

Based on the presentation made and information provided the Committee recommends that the proposal for Sanchpur Shakhi Sand Mining Project of M/s Gupta Traders, Village- Sanchpur Shakhi, P.O- Basantray, P.S- Basantray (Pathar Gama) Dist.- Godda, Jharkhand (1.53 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

II. Laxmi Sand Mine Project of M/S Amarnath Tekriwal, Village- Laxmi, P.O. & Thana- Pandaha, Distirtc- Godda, Jharkhand (9.51 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 9.51 Ha [Plot No.- 1231]. 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- 24th 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 Crore and a provision of Rs 3.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 2,44,160 cum and annual production capacity as per Form I has been indicated as 1,13,796 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point 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 Laxmi Sand Mine Project of M/S Amarnath Tekriwal, Village-Laxmi, P.O. & Thana- Pandaha, Distirct- Godda, Jharkhand (9.51 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

III. Khadukadma Sand Mine Project of M/S Saran Alcohol Pvt Ltd at Village-Khadukadma, Panchayat- Shikaripara, District- Dumka, Jharkhand (7.07 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 7.07 Ha [Plot No.- 1955, 1954 & 557]. 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- 24th 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 1.20 Crore and a provision of Rs 1.80 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,26,110 cum and annual production capacity as per Form I has been indicated as 1,12,098 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point 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 Khadukadma Sand Mine Project of M/S Saran Alcohol Pvt Ltd at Village- Khadukadma, Panchayat- Shikaripara, District- Dumka, Jharkhand (7.07 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

IV. Rupuchak Sand Mining Project of M/S Prashant Traders, Village- Rupuchak, Panchayat- Chilra, P.O.- Nepura, District- Godda, Jharkhand (3.81 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 3.81 Ha [Plot No.- 448, 414, 262/454]. 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- 24th 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 0.95 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 DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point 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 Rupuchak Sand Mining Project of M/S Prashant Traders, Village- Rupuchak, Panchayat- Chilra, P.O.- Nepura, District- Godda, Jharkhand (3.81 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

V. Pindra Sand Mining Project of M/S Amarnath Tekriwal at Village- Pindra, P.O.- Pindra, P.S.- Aghiyabandh, District- Godda, Jharkhand (3.14 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 3.14 Ha [Plot No-2045 & 2315]. 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- 24th 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 0.95 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 DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point 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 Pindra Sand Mining Project of M/S Amarnath Tekriwal at Village- Pindra, P.O.- Pindra, P.S.- Aghiyabandh, District- Godda, Jharkhand (3.14 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

VI. Dakhinbahal Sand Mine Project of Shri Nanadu Mahto at Village- Dakhinbahal, P.O. & Thana- Jamtara, District- Jamtara, Jharkhand (2.19 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 2.19 Ha [Plot No-905, 914 & 915]. 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- 24th 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 0.90 Lakh has been indicated for Environment management.

The proposed estimated reserve is 48762 cum and annual production capacity as per Form I has been indicated as 43344 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted Affidavits that there is no intake well, breeding point 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 Dakhinbahal Sand Mine Project of Shri Nanadu Mahto at Village- Dakhinbahal, P.O. & Thana- Jamtara, District- Jamtara, Jharkhand (2.19 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

VII. Dalahi Sand Mining Project of M/S Mehar Developers, Village - Dalahi, Taluka- Masaliya, District- Dumka, Jharkhand (9.025 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 9.025 Ha [Plot No-852]. 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- 24th 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 30.00 Lakh and a provision of Rs 0.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 41877 cum and annual production capacity as per Form I has been indicated as 37224 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point 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 Dalahi Sand Mining Project of M/S Mehar Developers, Village - Dalahi, Taluka- Masaliya, District- Dumka, Jharkhand (9.025 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

VIII. Dhadachak Sand mine Project of M/S Amarnath Tekriwal, Village- Dhadachak, P.O+ Thana- Luyabasa & Birsa Nagar, Dist.- Godda, Jharkhand (4.55 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 4.55 Ha [Plot No- 11, 28 & 362]. 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- 24th 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 1.10 Lakh has been indicated for Environment management.

The proposed estimated reserve is 57,330 cum and annual production capacity as per Form I has been indicated as 50,960 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point 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 Dhadachak Sand mine Project of M/S Amarnath Tekriwal, Village- Dhadachak, P.O+ Thana- Luyabasa & Birsa Nagar, Dist.- Godda, Jharkhand (4.55 Ha) be**



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

IX. Petsar Sand Mining Project of M/S Md. Siddik Alam at Village- Petsar, Anchal- Jarmundi, District- Dumka, Jharkhand (8.16 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 8.16 Ha [Khata No.- 102, Plot No- 751, 742 & 844]. 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- 24th 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 1.50 Crore and a provision of Rs 2.30 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,29,564 cum and annual production capacity as per Form I has been indicated as 1,15, 168 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point 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 Petsar Sand Mining Project of M/S Md. Siddik Alam at Village- Petsar, Anchal- Jarmundi, District- Dumka, Jharkhand (8.16 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

X. Haripur Sand Mining Project of M/S Swastik Traders at Village- Haripur, Anchal- Jarmundi, P.O.- Haripur Bazar, District- Dumka, Jharkhand (10.56 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 10.56 Ha [Plot No- 206]. 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- 24th 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 1.5 Crore and a provision of Rs 2.70 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,71,000 cum and annual production capacity as per Form I has been indicated as 1,52,000 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point 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 Haripur Sand Mining Project of M/S Swastik Traders at Village- Haripur, Anchal- Jarmundi, P.O.- Haripur Bazar, District- Dumka, Jharkhand (10.56 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XI. Jhilua Sand Mining Project of Shri Akhilesh Singh, Village- Jhilua, P.O. & Thana- Narayanpur, District- Jamtara, Jharkhand (3.79 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 3.79 Ha [Plot No- 1027]. 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- 24th 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 60.00 Lakh and a provision of Rs 1.08 Lakh has been indicated for Environment management.

The proposed estimated reserve is 27936 cum and annual production capacity as per Form I has been indicated as 24832 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no forest within 250 m, no Intake Well, Bridge & breeding point within 500 m of mine. The information's were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Jhilua Sand Mining Project of Shri Akhilesh Singh, Village- Jhilua, P.O. & Thana- Narayanpur, District- Jamtara, Jharkhand (3.79 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XII. Budsera Sand Mine M/s T.K. Nayak, Village-Budsera, Taluka- Chandanpur, Dist.- Bokaro, Jharkhand (10.93 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 10.93 Ha [Khata No.- 01, Plot No- 1204 (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- 24th 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 2.05 Crore and a provision of Rs 3.30 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,38,811 cum and annual production capacity as per Form I has been indicated as 1,23,388 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted Affidavits that there is no Intake Well, Bridge & breeding point within 500 m of mine. The information's were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Budsera Sand Mine M/s T.K. Nayak, Village-Budsera, Taluka-Chandanpur, Dist.- Bokaro, Jharkhand (10.93 Ha.) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIII. Sharua Sand Mining Project of M/S Saran Alcohol Pvt Ltd at Village-Sharua, Thana- Dumka, District- Dumka, Jharkhand (20.502 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 20.502 Ha [Khata No.- 60, Plot No- 01 & 88]. 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- 24th 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 0.55 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,97,629 cum and annual production capacity as per Form I has been indicated as 1,75,670 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no forest within 250 m, no Intake Well, Bridge & breeding point 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 Sharua Sand Mining Project of M/S Saran Alcohol Pvt Ltd at Village-Sharua, Thana- Dumka, District- Dumka, Jharkhand (20.502 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIV. Tiruldih Sand Mining Project M/s Mata Enterprises, Village-+P.O-Kanderbera P.s- Chandil, Dist- Saraikela Kharsawan, Jharkhand, (7.349 Ha)

Consultant- M/S Enviba Environmental Services Pvt. Ltd, RQP- Sri Ajay Shankar

This is a Sand Mining Project for having an area of 7.349 Ha [Khasra No.- 123, Plot No- 749]. 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- 24th 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 4.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,48,500 cum and annual production capacity as per Form I has been indicated as 99,000 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted an Affidavit that there is no Intake Well, Bridge & breeding point 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 Tiruldih Sand Mining Project M/s Mata Enterprises, Village+P.O- Kanderbera P.s- Chandil, Dist- Saraikela Kharsawan, Jharkhand, (7.349 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XV. Sand Deposit in the back of Subarnrekha River of Sri Rajesh Kumar Singh, Village -Nagursai, Tehsil- Baghmara, Dist.- East- Singhbhum, Jharkhand (0.809 Ha)

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

This is a Sand Mining Project for having an area of 0.809 Ha [Plot No- 871/A]. 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- 24th 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 7.50 Lakh and a provision of Rs 2.10 Lakh has been indicated for Environment management.

The proposed estimated reserve is 8903 cum and annual production capacity as per Form I has been indicated as 7814 cum per annum .

PP has submitted certificates from DFO & DMO. In the certificate provided by DFO it has been mentioned that there interstate boundary on southern side. No mention of distance has been made. However since area of mine is less than 5 Ha general condition do not apply as per MoEF notification date 7th October, 2014. PP has submitted Affidavits that there is no Intake Well, Bridge & breeding point 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 Deposit in the back of Subarnrekha River of Sri Rajesh Kumar Singh, Village -Nagursai, Tehsil- Baghmara, Dist.- East- Singhbhum, Jharkhand (0.809 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XVI. Chandanpur Sand Mining of M/s Anand Mahto, Village- Chandanpur, P.O + Thana- Luyabasa, Birsa Nagar, Dist.- East Singhbhum, Jharkhand (0.607Ha).
Consultant- M/S 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 0.607 Ha [Plot No- 1127 (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- 24th 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 30.00 Lakh and a provision of Rs 0.75 Lakh has been indicated for Environment management.

The proposed estimated reserve is 5880 cum and annual production capacity as per Form I has been indicated as 4704 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. In the application submitted to DFO by PP there is no seal of DFO in office copy. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Chandanpur Sand Mining of M/s Anand Mahto, Village- Chandanpur, P.O + Thana- Luyabasa, Birsa Nagar, Dist.- East Singhbhum, Jharkhand (0.607Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVII. Dumardiha, Chelkani & Chapra Sand Mine of M/S The Adibasi Welfare Society at Village- Dumardiha, Chelkani & Chapra, Thana- Rajnagar, Dist.- Saraikela - Kharsawan, Jharkhand (4.042 Ha)

Consultant- M/S 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 4.042 Ha [Dumardiha Khata No.- 206, Plot No- 1 (P), Chelkani Plot No.- 709 (P), Chapra Plot No.- 406 (P) & 776 (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.

This is a case of single mine lease having 3 blocks. The area of each block is

Dumardih – 1.011 Ha

Chelkani – 1.21 Ha

Chapra – 1.821 Ha

The distance between the blocks is

Dumardiha-Chapra 2129 m (straight line)

Chapra and Chelkani 990 m (straight line)

As can be seen Chapra and Chelkani form a cluster. The total area is Chelkani 1.21 Ha + Chapra 1.821 Ha = 3.031 Ha. Which is less than 25 Ha. Individual approved mine plans for all three blocks have been submitted.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th 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 not have any major impact on the surroundings. The indicated project cost is Rs 80.00 Lakh and a provision of Rs 0.77 Lakh has been indicated for Environment management.

The proposed estimated reserve is Dumardiha - 19314 cum, Chelkani - 21771cum & Chapra - 24750 cum and annual production capacity as per Form I has been indicated as Dumardiha - 15,451cum, Chelkani - 17,417 cum & Chapra - 19,800 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted Affidavits that there is no Intake Well, Bridge & breeding point 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 Dumardiha, Chelkani & Chapra Sand Mine of M/S The Adibasi Welfare Society at Village- Dumardiha, Chelkani & Chapra, Thana- Rajnagar, Dist.- Saraikela - Kharsawan, Jharkhand (4.042 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVIII. Bagula, Harindhukri & Junboni Sand Mine of M/s Dinesh Enterprises, Village- Bagula, Harindhukri & Junboni P.O & Thana- Ghatsila, Dhalbhumgarh, Dist.- East Singhbhum, Jharkhand (5.725 Ha).

Consultant- M/S 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 5.725 Ha [Bagula Plot No- 67/1951(P), Harindhukri Plot No.- 01, Junboni Plot No.- 39 (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.

This is a case of single mine lease having 3 blocks. The area of each block is

Bagula- 2.529 Ha

Harindhukri- 1.922 Ha

Junboni - 1.274 Ha

The distance between the blocks is

Bagula-Harindhukri 2238 m (straight line)

Harindhukri and Junboni 3265 m (straight line)

Individual approved mine plans for all three blocks have been submitted.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th 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 80.00 Lakh and a provision of Rs 0.72 Lakh has been indicated for Environment management.

The proposed estimated reserve is Bagula - 17856 cum, Harindhukri – 8532 cum & Junboni – 5673 cum and annual production capacity as per Form I has been indicated as Bagula - 14285 cum, Harindhukri – 6826 cum & Junboni – 4538 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 point within 500 m of mine. In the application submitted to DFO by PP there is no seal of DFO in office copy. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Bagula, Harindhukri & Junboni Sand Mine of M/s Dinesh Enterprises, Village- Bagula, Harindhukri & Junboni P.O & Thana- Ghatsila, Dhalbhumgarh, Dist.- East Singhbhum, Jharkhand (5.725 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIX. Naldoha Sand Mine Sri Anand Mahto, Village- Naldoha, Thana- Ghatsila, Dist.- East Singhbhum, Jharkhand (4.856 Ha).

Consultant- M/S 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 4.856 Ha [Plot No- 1111(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- 24th 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 0.55 Lakh has been indicated for Environment management.

The proposed estimated reserve is 42005 cum and annual production capacity as per Form I has been indicated as 33604 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no forest within 250 m, no Intake Well, Bridge & breeding point 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 Naldoha Sand Mine Sri Anand Mahto, Village- Naldoha, Thana- Ghatsila, Dist.- East Singhbhum, Jharkhand (4.856 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XX. Dekchagonga Sand Mining project of M/S Rular Development & Marketing Pvt Ltd at Village- Dekchagonga, Anchal- Jarmundi, District- Dumka, Jharkhand (5.95 Ha)

Consultant- M/S 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 5.95 Ha [Plot No- 1, 88]. 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- 24th 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 Lakh and a provision of Rs 1.60 Lakh has been indicated for Environment management.

The proposed estimated reserve is 97049 cum and annual production capacity as per Form I has been indicated as 86266 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no forest within 250 m, no Intake Well, Bridge & breeding point 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 Dekchagonga Sand Mining project of M/S Rular Development &

Marketing Pvt Ltd at Village- Dekchagonga, Anchal- Jarmundi, District- Dumka, Jharkhand (5.95 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

Annexure I

A. Specific Conditions

1. The Environmental clearance is subject to grant of Mining Lease and will be co-terminus with the mining lease period. PP has to get the Mine Plan approved from the concerned authorities within 3 months from grant of EC.
2. The mining work will be open-cast and exclusively manual. No mechanical work or drilling / blasting should be involved at any stage.
3. 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- 24th December, 2013 and SEIAA, Jharkhand guideline dated 07.05.2013 are adhered to.
5. 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 (30th) 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 .
6. 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.
7. 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.
8. 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.
9. 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.

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. Transportation of sand is to be carried out with consent of Villagers and Trucks are to be covered with Tarpaulin.
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. 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. At least 33 % of

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 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).
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.

