

PART- C MINUTES OF THE 35th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 28th to 31st OCTOBER, 2015 and 01st NOVEMBER, 2015

The 35th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 28th to 31st October, 2015 and 01st November, 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. Dr. Shatrunjay Kumar Singh - Member (Partly attended from 29.10.15 to 01.11.15)
7. Shri S.K. Suman - Secretary

Various projects which were received by SEIAA after the previous SEAC meeting held from 07th to 11th October, 2015 and forwarded to SEAC for their technical appraisal came up for discussions. Also those Projects which were appraised in SEAC's earlier meetings in which PP's were asked to provide additional informations / clarifications were also considered for examination / scrutiny where the Project proponents had submitted replies. Accordingly, the Project proponents were asked to make technical presentation for the appraisal of their project before the committee.

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

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

1. Proposal related to Sand Mine

I. Barkoli / Saleguturu Sand Mining Project of Sri Rajesh Kumar Sahu at Village- Barkoli / Saleguturu, P.O.- Saleguturu, Dist.- Gumla, Jharkhand (5.66 Ha).

Consultant- M/S En-Vision Environmental Services, Surat, RQP- Sri D.P. Choudhary

This is a Sand Mining Project for having an area of 5.66 Ha [Plot No.- 801 (P) & 4478 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 832, dated- 04.07.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 40.67 Lakhs and a provision of Rs 2.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,05,640 tonne and annual production capacity as per Form I has been indicated as 1,01,800 tonne per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Barkoli / Saleguturu Sand Mining Project of Sri Rajesh Kumar Sahu at Village- Barkoli / Saleguturu, P.O.- Saleguturu, Dist.- Gumla, Jharkhand (5.66 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

II. Khawa Sand Mining Project located on Usri River of Sri Mritunjay Kumar Yadav at Village- Khawa, Thana- Giridih, Dist.- Giridih, Jharkhand (1.61 Ha).

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

This is a Sand Mining Project for having an area of 1.61 Ha [Plot No.- 01]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 2733, dated- 05.08.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 29.60 Lakhs and a provision of Rs 2.90 Lakh has been indicated for Environment management.

The proposed estimated reserve is 28,782 cum and annual production capacity as per Form I has been indicated as 28,782 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Khawa Sand Mining Project located on Usri River of Sri Mritunjay Kumar Yadav at Village- Khawa, Thana- Giridih, Dist.- Giridih, Jharkhand (1.61 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

III. Sihodih Balu Ghat located on Usri River of Sri Neeraj Kumar Saha at Village- Sihodih, Thana- Giridih, Dist.- Giridih, Jharkhand (7.284 Ha).

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

This is a Sand Mining Project for having an area of 7.284 Ha [Plot No.- 520 & 783]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1788, dated- 28.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(F), 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 23.61 Lakhs and a provision of Rs 3.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,15,522 cum and annual production capacity as per Form I has been indicated as 1,15,522 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Sihodih Balu Ghat located on Usri River of Sri Neeraj Kumar Saha at Village- Sihodih, Thana- Giridih, Dist.- Giridih, Jharkhand (7.284 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

IV. Nawadih Balughat located on Nawadih/Kubri River of Sri Mritunjay Kumar Yadav at Village- Nawadih, Thana- Giridih, Dist.- Giridih, Jharkhand (1.19 Ha).



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

This is a Sand Mining Project for having an area of 1.19 Ha [Plot No.- 1062]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1777, dated- 28.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 12.49 Lakhs and a provision of Rs 6.30 Lakh has been indicated for Environment management.

The proposed estimated reserve is 33,984 tonne and annual production capacity as per Form I has been indicated as 33,984 tonne per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Nawadih Balughat located on Nawadih/Kubri River of Sri Mritunjay Kumar Yadav at Village- Nawadih, Thana- Giridih, Dist.- Giridih, Jharkhand (1.19 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

V. Ranidih Sand Mining Project on Gadahari River of Sri Brajesh Nayak at Village- Ranidih, Thana- Giridih, Dist.- Giridih, Jharkhand (2.02 Ha).

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

This is a Sand Mining Project for having an area of 2.02 Ha [Plot No.- 01]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 2735, dated- 28.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 11.25 Lakhs and a provision of Rs 1.20 Lakh has been indicated for Environment management.

The proposed estimated reserve is 40,704 cum and annual production capacity as per Form I has been indicated as 40,704 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Ranidih Sand Mining Project on Gadihari River of Sri Brajesh Nayak at Village- Ranidih, Thana- Giridih, Dist.- Giridih, Jharkhand (2.02 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

VI. Paharpur Balughat located on Joithi/Mero River of Sri Neeraj Kumar Saha at Village- Paharpur, Thana- Giridih, Dist.- Giridih, Jharkhand (3.04 Ha).

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

This is a Sand Mining Project for having an area of 3.04 Ha [Plot No.- 184, 299 & 305]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1800, dated- 29.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 23.69 Lakhs and a provision of Rs 10.19 Lakh has been indicated for Environment management.

The proposed estimated reserve is 65.600 tonne and annual production capacity as per Form I has been indicated as 65,600 tonne per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Paharpur Balughat located on Joithi/Mero River of Sri Neeraj Kumar Saha at Village- Paharpur, Thana- Giridih, Dist.- Giridih, Jharkhand (3.04 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

VII. Hisra Pokhraha Sand Mine Project on Koel River of Sri Arun Kumar Tiwari at Village- Hisra Pokhraha, Thana- Sadar Medininagar, Dist.- Palamu, Jharkhand (1.62 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 1.62 Ha [Plot No.- 155]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 371, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 50.00 Lakhs and a provision of Rs 2.17 Lakh has been indicated for Environment management.

The proposed estimated reserve is 45.007 cum and annual production capacity as per Form I has been indicated as 36.006 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Hisra Pokhraha Sand Mine Project on Koel River of Sri Arun Kumar Tiwari at Village- Hisra Pokhraha, Thana- Sadar Medininagar, Dist.- Palamu, Jharkhand (1.62

Ha)be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

VIII. Laranga Sand Mine Project on Garhi River of Sri Ankit Raj at Village-Laranga, Thana- Tandwa, Dist.- Chatra, Jharkhand (0.80 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 0.80 Ha [Plot No.- 2 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 649, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 Lakhs and a provision of Rs 1.99 Lakh has been indicated for Environment management.

The proposed estimated reserve is 16,497 cum and annual production capacity as per Form I has been indicated as 13,198 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Laranga Sand Mine Project on Garhi River of Sri Ankit Raj at Village-Laranga, Thana- Tandwa, Dist.- Chatra, Jharkhand (0.80 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

IX. Churi Tungri Sand Mining Project on Damodar River of M/s Rajesh Kumar at Mouza- Chauri Tungri, Panchayat- K.K. Sayal, Block- Patratu, Dist.- Ramgarh, Jharkhand (4.04 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 4.04 Ha [Khata No.- 86, Plot No.- 45 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1089, dated- 25.07.2015 for which PP is seeking EC. Considering

the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 50.00 Lakhs and a provision of Rs 3.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 81,549 cum and annual production capacity as per Form I has been indicated as 65,239 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Churi Tungri Sand Mining Project on Damodar River of M/s Rajesh Kumar at Mouza- Chauri Tungri, Panchayat- K.K. Sayal, Block- Patratu, Dist.- Ramgarh, Jharkhand (4.04 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

X. Sudna Sand Mining Project of Sri Santosh Kumar Singh at Village- Sudna, Thana- Sadar Medninagar, Dist.- Palamu, Jharkhand (3.23 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 3.23 Ha [Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 387, dated- 26.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 70.00 Lakhs and a provision of Rs 1.44 Lakh has been indicated for Environment management.

The proposed estimated reserve is 46,018 cum and annual production capacity as per Form I has been indicated as 36,814 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Sudna Sand Mining Project of Sri Santosh Kumar Singh at Village- Sudna, Thana- Sadar Medninagar, Dist.- Palamu, Jharkhand (3.23 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XI. Ramgarh Sand Mine Project on Damodar River of Sri Anand Kumar Dudev at Village- Ramgarh, Anchal- Ramgarh, Dist.- Ramgarh, Jharkhand (2.02 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 2.02 Ha [Khata No.- 02, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DC's allotment letter no.- 850, dated- 11.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(1), 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 45.00 Lakhs and a provision of Rs 1.11 Lakh has been indicated for Environment management.

The proposed estimated reserve is 38,844 cum and annual production capacity as per Form I has been indicated as 31,075 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Ramgarh Sand Mine Project on Damodar River of Sri Anand Kumar Dudev at Village- Ramgarh, Anchal- Ramgarh, Dist.- Ramgarh, Jharkhand (2.02 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XII. Garsula Sand Mine Project on Damodar River of Sri Ankit Raj at Village- Garsula, Thana- Barkagaon, Dist.- Hazaribagh, Jharkhand (5.05 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 5.05 Ha [Khata No.- 232, Plot No.- 2723 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1873, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 Lakhs and a provision of Rs 2.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 83,808 cum and annual production capacity as per Form I has been indicated as 67,046 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Garsula Sand Mine Project on Damodar River of Sri Ankit Raj at Village- Garsula, Thana- Barkagaon, Dist.- Hazaribagh, Jharkhand (5.05 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIII. Sonpura Sand Mine Project on Badmahi River of Sri Ankit Raj at Village-Sonpura, Thana- Barkagaon, Dist.- Hazaribagh, Jharkhand (7.89 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 7.89 Ha [Khata No.- 65, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1887, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 Crores and a provision of Rs 1.68 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,43,412 cum and annual production capacity as per Form I has been indicated as 1,14,730 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Sonpura Sand Mine Project on Badmahi River of Sri Ankit Raj at Village-Sonpura, Thana- Barkagaon, Dist.- Hazaribagh, Jharkhand (7.89 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIV. Hendegir Sand Mine on Damodar River of Sri Sanjay Kumar at Village-Hendegir, Thana- Tandwa, Dist.- Hazaribagh, Jharkhand (4.05 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 4.05 Ha [Khata No.- 01, Plot No.- 651 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1841, dated- 14.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal

EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 Lakhs and a provision of Rs 2.10 Lakh has been indicated for Environment management.

The proposed estimated reserve is 64,500 cum and annual production capacity as per Form I has been indicated as 51,600 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Hendegir Sand Mine on Damodar River of Sri Sanjay Kumar at Village- Hendegir, Thana- Tandwa, Dist.- Hazaribagh, Jharkhand (4.05 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XV. Semra Sand Mine of Sri Pradeep Sahu at Village- Semra, P.S.- Palkot, Tehsil- Palkot, Dist.- Gumla, Jharkhand (6.48 Ha).

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

This is a Sand Mining Project for having an area of 6.48 Ha [Khata No.- 95, Plot No.- 903, Khata No.- 137, Plot No.- 904]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 727, dated- 17.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 10.05 Lakhs and a provision of Rs 4.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,19,012 cum and annual production capacity as per Form I has been indicated as 500 cum per day (1,12,500 cum per annum).

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

Based on the presentation made and information provided the Committee decided that the proposal for Semra Sand Mine of Sri Pradeep Sahu at Village- Semra, P.S.- Palkot, Tehsil- Palkot, Dist.- Gumla, Jharkhand (6.48 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVI. Barkagaon Sand Ghat in the river bed of Hurlang of Sri Prabudh Kumar Singh at Village- Barkagaon, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (1.30 Ha).

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

This is a Sand Mining Project for having an area of 1.30 Ha [Khata No.- 280, Plot No.- 3983]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1871, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 32.77 Lakhs and a provision of Rs 5.77 Lakh has been indicated for Environment management.

The proposed estimated reserve is 14,600 cum and annual production capacity as per Form I has been indicated as 13,140 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Barkagaon Sand Ghat in the river bed of Hurlang of Sri Prabudh Kumar Singh at Village- Barkagaon, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (1.30 Ha) be

recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVII. Hariharpur Sand Deposit in the river bed of Jamuniya of Sri Sudhir Kumar Mathur at Village- Hariharpur, P.S.- Hariharpur, Dist.- Dhanbad, Jharkhand (5.87 Ha).

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

This is a Sand Mining Project for having an area of 5.87 Ha [Plot No.- 5304]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 535, dated- 30.03.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 31.54 Lakhs and a provision of Rs 12.24 Lakh has been indicated for Environment management.

The proposed estimated reserve is 2,37,986 cum and annual production capacity as per Form I has been indicated as 99,756 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Hariharpur Sand Deposit in the river bed of Jamuniya of Sri Sudhir Kumar Mathur at Village- Hariharpur, P.S.- Hariharpur, Dist.- Dhanbad, Jharkhand (5.87 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVIII. Kanrtari Sand Ghat in the river bed of Badmahi of Sri Sanjeev Kumar Singh at Village- Kanrtari, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (2.91 Ha).

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

This is a Sand Mining Project for having an area of 2.91 Ha [Khata No.- 67, Plot No.- 1980]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide

DMO's allotment letter no.- 1880, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 14.90 Lakhs and a provision of Rs 7.37 Lakh has been indicated for Environment management.

The proposed estimated reserve is 32,400 cum and annual production capacity as per Form I has been indicated as 17,280 cum per annum.

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

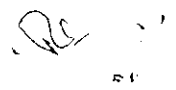
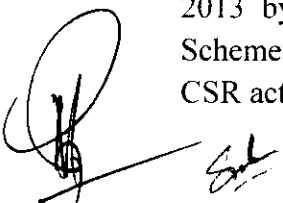
Based on the presentation made and information provided the Committee decided that the proposal for Kanrtari Sand Ghat in the river bed of Badmahi of Sri Sanjeev Kumar Singh at Village- Kanrtari, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (2.91 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIX. Potanga Sand Ghat in the river bed of Damodar of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Potanga, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (4.04 Ha).

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

This is a Sand Mining Project for having an area of 4.04 Ha [Khata No.- 78, Plot No.- 1876]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1867, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 37.53 Lakhs and a provision of Rs 10.10 Lakh has been indicated for Environment management.

The proposed estimated reserve is 65,000 cum and annual production capacity as per Form I has been indicated as 58,500 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Potanga Sand Ghat in the river bed of Damodar of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Potanga, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (4.04 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XX. Kurkuta Sand Ghat in the river bed of Damodar of Sri Anil Kumar Singh at Village- Kurkuta, P.S.- Giddi, Dist.- Hazaribagh, Jharkhand (2.22 Ha).

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

This is a Sand Mining Project for having an area of 2.22 Ha [Khata No.- 48, Plot No.- 629]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1869, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 52.52 Lakhs and a provision of Rs 7.51 Lakh has been indicated for Environment management.

The proposed estimated reserve is 31,600 cum and annual production capacity as per Form I has been indicated as 28,440 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Kurkuta Sand Ghat in the river bed of Damodar of Sri Anil Kumar Singh at Village- Kurkuta, P.S.- Giddi, Dist.- Hazaribagh, Jharkhand (2.22 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXI. Basaria Sand Ghat in the river bed of Damodar of Sri Prabudh Kumar Singh at Village- Basaria, P.S.- Giddi, Dist.- Hazaribagh, Jharkhand (1.41 Ha).

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

This is a Sand Mining Project for having an area of 1.41 Ha [Khata No.- 16, Plot No.- 438]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1890, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 35.31 Lakhs and a provision of Rs 6.31 Lakh has been indicated for Environment management.

The proposed estimated reserve is 2,70,800 cum and annual production capacity as per Form I has been indicated as 2,43,720 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Basaria Sand Ghat in the river bed of Damodar of Sri Prabudh Kumar Singh at Village- Basaria, P.S.- Giddi, Dist.- Hazaribagh, Jharkhand (1.41 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXII. Pundri Sand Ghat in the river bed of Siwane of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Pundri, P.S.- Mufassil, Dist.- Hazaribagh, Jharkhand (2.34 Ha).

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

This is a Sand Mining Project for having an area of 2.34 Ha [Khata No.- 28, Plot No.- 01]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1884, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 20.86 Lakhs and a provision of Rs 7.36 Lakh has been indicated for Environment management.

The proposed estimated reserve is 90,112 cum and annual production capacity as per Form I has been indicated as 31,680 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Pundri Sand Ghat in the river bed of Siwane of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Pundri, P.S.- Mufassil, Dist.- Hazaribagh, Jharkhand (2.34 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXIII. Barkagaon Sand Ghat in the river bed of Hardhara of Sri Prabudh Kumar Singh at Village- Barkagaon, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (2.00 Ha).

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

This is a Sand Mining Project for having an area of 2.00 Ha [Khata No.- 280, Plot No.- 3982]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1871, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal

EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 36.28 Lakhs and a provision of Rs 7.28 Lakh has been indicated for Environment management.

The proposed estimated reserve is 70,144 cum and annual production capacity as per Form I has been indicated as 24,660 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Barkagaon Sand Ghat in the river bed of Hardhara of Sri Prabudh Kumar Singh at Village- Barkagaon, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (2.00 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXIV. Tarwa Sand Ghat in the river bed of Siwane of Sri Love Kumar Singh at Village- Tarwa, P.S.- Hazaribagh Sadar, Dist.- Hazaribagh, Jharkhand (5.33 Ha).

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

This is a Sand Mining Project for having an area of 5.33 Ha [Khata No.- 54, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1886, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 66.51 Lakhs and a provision of Rs 11.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 88,200 cum and annual production capacity as per Form I has been indicated as 79,380 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Tarwa Sand Ghat in the river bed of Siwane of Sri Love Kumar Singh at Village- Tarwa, P.S.- Hazaribagh Sadar, Dist.- Hazaribagh, Jharkhand (5.33 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXV. Gauriyakarma Sand Ghat in the river bed of Barakar of Sri Sanjeev Kumar Singh at Village- Gaurikarma, P.S.- Barhi, Dist.- Hazaribagh, Jharkhand (6.51 Ha).

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

This is a Sand Mining Project for having an area of 6.51 Ha [Khata No.- 01, Plot No.- 8598]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1878, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 44.42 Lakhs and a provision of Rs 13.42 Lakh has been indicated for Environment management.

The proposed estimated reserve is 89,200 cum and annual production capacity as per Form I has been indicated as 80,280 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Gauriyakarma Sand Ghat in the river bed of Barakar of Sri Sanjeev Kumar

Singh at Village- Gaurikarma, P.S.- Barhi, Dist.- Hazaribagh, Jharkhand (6.51 Ha). be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXVI. Shahpur Sand Ghat in the river bed of Balbal of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Shahpur, P.S.- Katakmasandi, Dist.- Hazaribagh, Jharkhand (3.44 Ha).

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

This is a Sand Mining Project for having an area of 3.44 Ha [Khata No.- 251, Plot No.- 3656 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1860, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(1), 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 64.15 Lakhs and a provision of Rs 9.10 Lakh has been indicated for Environment management.

The proposed estimated reserve is 44,600 cum and annual production capacity as per Form I has been indicated as 40,320 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Shahpur Sand Ghat in the river bed of Balbal of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Shahpur, P.S.- Katakmasandi, Dist.- Hazaribagh, Jharkhand (3.44 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXVII. Merkuri Sand Ghat in the river bed of Siwane of Sri Kundan Ram at Village- Merkuri, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (1.41 Ha).

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

This is a Sand Mining Project for having an area of 1.41 Ha [Khata No.- 29, Plot No.- 1410]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1876, dated- 15.05.2015 for which PP is seeking EC. Considering

the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 6.90 Lakhs and a provision of Rs 3.30 Lakh has been indicated for Environment management.

The proposed estimated reserve is 20,800 cum and annual production capacity as per Form I has been indicated as 11,093 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Merkuri Sand Ghat in the river bed of Siwane of Sri Kundan Ram at Village- Merkuri, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (1.41 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXVIII. Kurhara Sand Ghat in the river bed of Barakar of Sri Sanjeev Kumar Singh at Village- Kurhara, P.S.- Barhi, Dist.- Hazaribagh, Jharkhand (18.12 Ha).

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

This is a Sand Mining Project for having an area of 18.12 Ha [Khata No.- 01, Plot No.- 01, 703, 705 & 715]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1864, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 56.72 Lakhs and a provision of Rs 30.36 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,18,400 cum and annual production capacity as per Form I has been indicated as 2,86,560 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Kurhara Sand Ghat in the river bed of Barakar of Sri Sanjeev Kumar Singh at Village- Kurhara, P.S.- Barhi, Dist.- Hazaribagh, Jharkhand (18.12 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXIX. Gidi Sand Ghat in the river bed of Damodar of Sri Prabudh Kumar Singh at Village- Gidi, P.S.- Gidi, Dist.- Hazaribagh, Jharkhand (1.21 Ha).

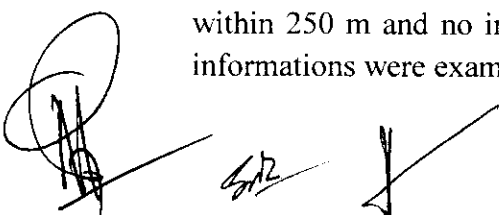
Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Sri B.B. Lall

This is a Sand Mining Project for having an area of 1.21 Ha [Khata No.- 83, Plot No.- 506 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1870, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 Lakhs and a provision of Rs 5.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 15,600 cum and annual production capacity as per Form I has been indicated as 14,040 cum per annum.

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



Based on the presentation made and information provided the Committee decided that the proposal for Gidi Sand Ghat in the river bed of Damodar of Sri Prabudh Kumar Singh at Village- Gidi, P.S.- Gidi, Dist.- Hazaribagh, Jharkhand (1.21 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXX. Tiuj Sand Ghat in the river bed of Siwane of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Tiuj, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (1.71 Ha).

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

This is a Sand Mining Project for having an area of 1.71 Ha [Khata No.- 120, Plot No.- 01 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1861, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(1), 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 32.20 Lakhs and a provision of Rs 6.70 Lakh has been indicated for Environment management.

The proposed estimated reserve is 11,375 cum and annual production capacity as per Form I has been indicated as 10,237 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Tiuj Sand Ghat in the river bed of Siwane of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Tiuj, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (1.71 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXXI. Dhengura Sand Ghat in the river bed of Kunur of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Dhengura, P.S.- Katakmadak, Dist.- Hazaribagh, Jharkhand (1.56 Ha).

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

This is a Sand Mining Project for having an area of 1.56 Ha [Khata No.- 264, Plot No.- 1610]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide

DMO's allotment letter no.- 1883, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 31.58 Lakhs and a provision of Rs 6.54 Lakh has been indicated for Environment management.

The proposed estimated reserve is 22,400 cum and annual production capacity as per Form I has been indicated as 20,160 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Dhengura Sand Ghat in the river bed of Kunur of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Dhengura, P.S.- Katakmadak, Dist.- Hazaribagh, Jharkhand (1.56 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXXII. Kharwa Sand Ghat in the river bed of Siwane of Sri Love Kumar Singh at Village- Kharwa, P.S.- Sadar, Dist.- Hazaribagh, Jharkhand (2.00 Ha).

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

This is a Sand Mining Project for having an area of 2.00 Ha [Khata No.- 25, Plot No.- 02]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1886, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 35.48 Lakhs and a provision of Rs 7.48 Lakh has been indicated for Environment management.

The proposed estimated reserve is 28,400 cum and annual production capacity as per Form I has been indicated as 25,560 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Kharwa Sand Ghat in the river bed of Siwane of Sri Love Kumar Singh at Village- Kharwa, P.S.- Sadar, Dist.- Hazaribagh, Jharkhand (2.00 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXXIII. Beharabad Sand Ghat in the river bed of Barakar of Sri Sanjeev Kumar Singh at Village- Beharabad, P.S.- Barhi, Dist.- Hazaribagh, Jharkhand (20.00 Ha).

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

This is a Sand Mining Project for having an area of 20.00 Ha [Khata No.- 28, Plot No.- 01, 150, 169 & 468]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1864, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 71.78 Lakhs and a provision of Rs 33.10 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,42,200 cum and annual production capacity as per Form I has been indicated as 3,07,980 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Beharabad Sand Ghat in the river bed of Barakar of Sri Sanjeev Kumar Singh at Village- Beharabad, P.S.- Barhi, Dist.- Hazaribagh, Jharkhand (20.00 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXXIV. Piprikala Sand Mine Project on Banki River of Sri Dharamveer Kumar Singh at Village- Sarang, Anchal- Bishunpura, Dist.- Garhwa, Jharkhand (2.83 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri A.K. Sinha

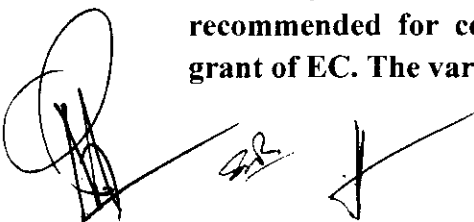
This is a Sand Mining Project for having an area of 2.83 Ha [Plot No.- 798 (P), 1092 & 1194]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 836, dated- 04.07.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 50.00 Lakhs and a provision of Rs 1.70 Lakh has been indicated for Environment management.

The proposed estimated reserve is 43,016 cum and annual production capacity as per Form I has been indicated as 24,277 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Piprikala Sand Mine Project on Banki River of Sri Dharamveer Kumar Singh at Village- Sarang, Anchal- Bishunpura, Dist.- Garhwa, Jharkhand (2.83 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.



XXXV. Amharkhas Sand Mine Project on Banki River of Sri Dharamveer Kumar Singh at Panchayat- Amharkhas, Thana+ Anchal- Bishunpura, Dist.- Garhwa, Jharkhand (4.83 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri A.K. Sinha

This is a Sand Mining Project for having an area of 4.83 Ha [Plot No.- 958 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 831, dated- 04.07.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 1.00 Crores and a provision of Rs 1.76 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,38,979 cum and annual production capacity as per Form I has been indicated as 77,162 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Amharkhas Sand Mine Project on Banki River of Sri Dharamveer Kumar Singh at Panchayat- Amharkhas, Thana+ Anchal- Bishunpura, Dist.- Garhwa, Jharkhand (4.83 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXXVI. Patihari Sand Mine Project on Banki River of Sri Dharamveer Kumar Singh at Panchayat- Patihari, Thana + Anchal- Bishunpura, Dist.- Garhwa, Jharkhand (1.92 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri A.K. Sinha

This is a Sand Mining Project for having an area of 1.92 Ha [Plot No.- 781]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's

allotment letter no.- 841, dated- 04.07.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 42.00 Lakhs and a provision of Rs 1.63 Lakh has been indicated for Environment management.

The proposed estimated reserve is 31,183 cum and annual production capacity as per Form I has been indicated as 15,727 cum per annum.

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

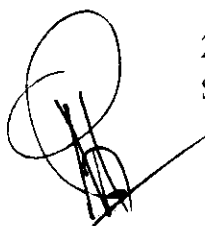
Based on the presentation made and information provided the Committee decided that the proposal for Patihari Sand Mine Project on Banki River of Sri Dharamveer Kumar Singh at Panchayat- Patihari, Thana + Anchal- Bishunpura, Dist.- Garhwa, Jharkhand (1.92 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXXVII. Sarang Sand Mine Project on Banki River of Sri Dharamveer Kumar Singh at Village- Sarang, Anchal- Bishunpura, Dist.- Garhwa, Jharkhand (1.01 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri A.K. Sinha

This is a Sand Mining Project for having an area of 1.01 Ha [Plot No.- 781]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 972, dated- 05.08.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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



s/h



CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakhs and a provision of Rs 1.60 Lakh has been indicated for Environment management.

The proposed estimated reserve is 20,024 cum and annual production capacity as per Form I has been indicated as 16,019 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Sarang Sand Mine Project on Banki River of Sri Dharamveer Kumar Singh at Village- Sarang, Anchal- Bishunpura, Dist.- Garhwa, Jharkhand (1.01 Ha). be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XXXVIII. Masipiri Sand Ghat in the river bed of Kunur of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Masipiri, P.S.- Mufsil, Dist.- Hazaribagh, Jharkhand (4.37 Ha).

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

This is a Sand Mining Project for having an area of 4.37 Ha [Khata No.- 61, Plot No.- 1 (P)]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 1885, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 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 32.00 Lakhs and a provision of Rs 10.30 Lakh has been indicated for Environment management.

The proposed estimated reserve is 73,000 cum and annual production capacity as per Form I has been indicated as 65,700 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Masipiri Sand Ghat in the river bed of Kunur of M/s Ma Tarni Natural Resources Pvt Ltd at Village- Masipiri, P.S.- Mufsil, Dist.- Hazaribagh, Jharkhand (4.37 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

Annexure I

A. Specific Conditions

1. The Environmental clearance is subject to grant of Mining Lease and will be co-terminus with the mining lease period.
2. The mining work will be open-cast and exclusively manual. No mechanical work or drilling / blasting should be involved at any stage.
3. The mining is confined to extraction of sand from the river bed only. No mining is to be carried out in water stream. It shall be ensured that there shall be no mining beyond 03 m or upto water level which ever is less in the issue of Sand Mining or Sand / Gravel Mining should be raised 15 meter away from the river side or mining should be restricted from the distance equal or more than 1/5 module of river width shall be left on both the banks of precise area to control and avoid erosion of river bank.
4. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed. Also PP shall ensure that stipulations mentioned in MoEF OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 and SEIAA, Jharkhand guideline dated 07.05.2013 are adhered to.
5. For the green belt development in the mining area / transport road sides / other land area saplings available in the forest nursery / private nursery should also be considered for the mentioned purpose instead of the Trees / Plants mentioned in the PFR / Presentation copies of the proposed mine.
6. No sand mining activities will be carried out in upstream or downstream within 500 m of railways, road, bridge, water intake, wires & notified aquarium or breeding places.
7. Project Proponent shall appoint a Monitoring Committee to monitor the replenishment study, traffic management, levels of production, River Bank erosion and maintenance of Road etc and shall submit report to SEIAA, JSPCB and DMO after every monsoon i.e. by end of November (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.
8. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area).
9. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.

10. The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season. Due consideration will be given to points raised in Supreme Court judgement and SEIAA guidelines.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent will provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
13. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management rules.
14. Project falling within in 1.0 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
15. Natural /customary paths used by villagers should not be obstructed at any time by the activities proposed under the project. Transportation of sand is to be carried out with consent of Villagers and Trucks are to be covered with Tarpaulin.
16. Local flora may be planted in the Core Zone of the Mining Lease area.
17. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
18. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
19. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
20. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
21. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
22. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
23. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
24. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.

25. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
26. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

B. General conditions

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

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

25. Dispensary facilities for First Aid shall be provided at site.
26. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
27. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover).
28. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
29. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions, including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
30. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
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 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
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.

The meeting concluded with thanks to all present.



(S.B.S Chauhan)
Member



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



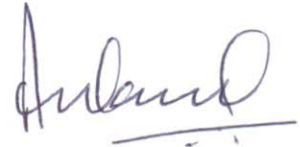
(S.K. Suman)
Secretary



(Dr. R.P. Singh Sangu)
Member



(Prof (Dr) Shatrunjay Kumar Singh)
Member



(A K Saxena)
Chairman