

**PART- A MINUTES OF THE 36<sup>th</sup> MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 19<sup>th</sup> to 23<sup>rd</sup> NOVEMBER, 2015**

The 36<sup>th</sup> meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 19<sup>th</sup> to 23<sup>rd</sup> 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 (Partly attended from 20.11.15 to 23.11.15)
3. Dr. R.P. Singh Sangu - Member
4. Prof. (Dr.) M.C. Mahata - Member
5. Dr. Shatrunjay Kumar Singh - Member
6. Shri S.K. Suman - Secretary (Partly attended from 21.11.15 to 23.11.15)

Er. S.K. Singh, Member could not attend the meeting due to personal reasons.

Various projects which were received by SEIAA after the previous SEAC meeting held from 28<sup>th</sup> to 31<sup>st</sup> October, 2015 and 01<sup>st</sup> November, 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. In the 39<sup>th</sup> meeting of SEIAA held on 19/10/2015 the following three proposals were examined and it was recorded as follows:-**

**“Quote**

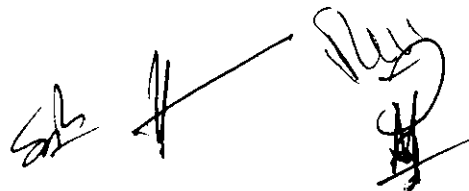
**SEIAA referred back to SEAC to provide specific recommendation as per the guideline of SEIAA.”**

**“Unquote**

**1. Sand Deposit in the river bed of Subarnarekha of M/s Megotia Construction Private Limited at Village- Bhakhar, Tehsil- Gudabandh, Dist.- East Singhbhum, Jharkhand (1.214 Ha).**

The proposal was discussed in SEAC meeting held on 20<sup>th</sup> to 23<sup>rd</sup> July, 2015 and the project was not recommended to SEIAA as the mining block (101.17 by 120 m) allotted to PP falls at a distance of 115 meter from Bridge. The entire block is within 500 mts form the Bridge (refer Annexure-1). As per SEIAA guideline dated 07.05.2013 the minimum distance both upstream and downstream from the bridge has been specified as 500 mts. The matter has been re-examined and in view of the guidelines the proposal cannot be recommended.

**SEIAA is requested to inform PP about the same.**



**2. Manikui Sand Deposit of Shri Sujit Mahto at Village- Manikui, Tehsil- Bhadudih, Dist.- Saraikela-Kharsawan, Jharkhand (3.23 Ha).**

The proposal was discussed in SEAC meeting held on 20<sup>th</sup> to 23<sup>rd</sup> July, 2015 and the project was not recommended to SEIAA as the mining block (298 meter long) allotted to PP starts right below the bridge and extends up to length of 298 meter which is within 500 mts from the Bridge (refer Annexure-II). As per SEIAA guideline dated 07.05.2013 the minimum distance both upstream and downstream from the bridge has been specified as 500 mts. The matter has been re-examined and in view of the guidelines the proposal cannot be recommended.

**SEIAA is requested to inform PP about the same.**

**3. Bandu Sand Deposit of Shri Jagdish Chandra Mahto at Village- Bandu, Tehsil- Lakdi, Dist.- Saraikela-Kharsawan, Jharkhand (1.26 Ha).**

The proposal was discussed in SEAC meeting held on 20<sup>th</sup> to 23<sup>rd</sup> July, 2015 and the project was not recommended to SEIAA. The block falls on both the sides of the bridge. On the downstream side it is 392 meter length and on the upstream side it is 173 meter. Both the distance (both as upstream and downstream) are within 500 mts from the Bridge (refer Annexure-III). As per SEIAA guideline dated 07.05.2013 the minimum distance both upstream and downstream from the bridge has been specified as 500 mts. The matter has been re-examined and in view of the guidelines the proposal cannot be recommended.

**SEIAA is requested to inform PP about the same.**

**B. Modernization cum expansion of Straight Bar & Wire Mill of M/s Usha Martin Limited at Village- Gamharia, Adityapur Industrial Area, Dist.- Saraikela-Kharsawan, Jharkhand.**

SEAC in its meeting held on 03<sup>rd</sup> to 06<sup>th</sup> August, 2015 (Part-D) had recommended to SEIAA for issue of ToR's to Usha Martin for their above mentioned project. The ToR's were subsequently issued by SEIAA on 09.09.2015. Later it was learnt that a show cause was issued to them by JSPCB which was not mentioned by them during presentation. PP was asked to come and explain the matter. PP has submitted relevant details. They have also submitted the latest copy of CTO issued by JSPCB after their reply to JSPCB. PP has also submitted an undertaking. The matter was explained by PP to SEAC on 21<sup>st</sup> November during SEAC meeting. SEAC noted the information. No further action is required. **(Copy enclosed)**

The above is for kind information of SEIAA.

**C. In the 40<sup>th</sup> meeting of SEIAA held on 14/11/2015 (Point No.- 4 A)**

**Chhota Damini Bhita Stone Mine of M/s CTS Industries Limited at Village- Chhota Damini Bhita (Damra Mako), Tehsil- Mirzachowki, Dist.- Sahibganj, Jharkhand (4.998 Ha).**

SEAC reviewed the matter and suggests that both the certificates issued by DMO be sent to him, by SEIAA, and he be asked to confirm which one of the certificate is correct. Once the reply is received the project will be re-examined. It is also suggested that the matter may be communicated to Principal Secretary (Mines), Govt. of Jharkhand.

SEIAA is requested to take necessary action in the matter.

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**D. In the 39<sup>th</sup> meeting of SEIAA held on 19/10/2015 (Point No.- 3. I.)**

**LPG Bottling Plant of M/s Hindustan Petroleum Corporation Limited, Adityapur Industrial Area, Larger Sector, Village- Gamharia, P.O.- Gamharia, Dist.- East Singhbhum, Jharkhand.**

SEAC in its meeting held on 17<sup>th</sup> to 20<sup>th</sup> November, 2014 had recommended issue of ToR's in respect the above mentioned project. SEIAA had vide its meeting held on 11<sup>th</sup> December, 2014 had asked for certain clarifications which were provided by SEAC vide its meeting dated 12<sup>th</sup> to 15<sup>th</sup> January, 2015. In the prescribed ToR's public hearing was included as one of the points. ToR's were issued by SEIAA vide its letter no.- 886, dated- 01/05/15. After recommendation of ToR's MoEF had issued on OM No.- J-11013/36/2014-IA-I, dated- 10<sup>th</sup> December, 2014 wherein Public Hearing was waived for units falling in Industrial Areas. In view of same SEAC agrees to the request made by PP regarding waiver of public hearing and the same can be accepted. The above is recommended to SEIAA for further necessary action.

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

**1. Proposal related to Sand Mine**

**I. Ghujadih Sand Mine of Sri Anuj Kumar at Village- Ghujadih, Dist.- Giridih, Jharkhand (2.32 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 2.32 Ha [Khata No.- 49, Plot No.- 254 (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.- 1655, dated- 16.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 30.00 Lakhs and a provision of Rs 2.30 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3715 cum and annual production capacity as per Form I has been indicated as 2972 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 Ghujadih Sand Mine of Sri Anuj Kumar at Village- Ghujadih, Dist.- Giridih, Jharkhand (2.32 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 IV.**

## **II. Barhaniyan & Tilabani Sand Mine of M/s A.P.S Enterprises at Village- Barhaniyan & Tilabani, Thana- Ghatsila, Anchal- Musabani, Dist.- East Singhbhum, Jharkhand (3.88 Ha).**

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

This is a Sand Mining Project for having an area of 3.88 Ha [Tilabani Khata No.- 286, Plot No.- 1119 (P), Barhaniyan Khata No.- 180, Plot No.- 454 (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.- 943, dated- 18.03.2015 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.

Mining lease having two blocks

1. Block-I(Tilabani)
2. Block-II (Barhaniyan)

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 55.00 Lakhs and a provision of Rs 2.68 Lakh has been indicated for Environment management.

The proposed estimated reserve is Tilabani – 68,808 cum & Barhaniyan – 52,224 cum and annual production capacity as per Form I has been indicated as Tilabani – 55,046 cum & Barhaniyan – 41,779 cum per annum (Total – 96,825 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.

4

Based on the presentation made and information provided the Committee decided that the proposal for Barhaniyan & Tilabani Sand Mine of M/s A.P.S Enterprises at Village- Barhaniyan & Tilabani, Thana- Ghatsila, Anchal- Musabani, Dist.- East Singhbhum, Jharkhand (3.88 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 IV.

### III. Pindrakalan Sand Mine Project on Lilajan River of Sri Shakti Kumar Singh at Village- Pindrakalan, Thana- Hunterganj, Dist.- Chatra, Jharkhand (2.83 Ha).

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

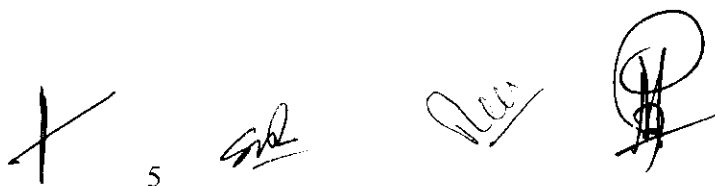
This is a Sand Mining Project for having an area of 2.83 Ha [Khata No.- 17, Plot No.- 437 to 439]. The committee noted that as per Form I it is a proposal for grant of mine lease after auction vide DMO's allotment letter no.- 660, dated- 01.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 52.00 Lakhs and a provision of Rs 1.84 Lakh has been indicated for Environment management.

The proposed estimated reserve is 85,527 cum and annual production capacity as per Form I has been indicated as 68,422 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 Pindrakalan Sand Mine Project on Lilajan River of Sri Shakti Kumar Singh at Village- Pindrakalan, Thana- Hunterganj, Dist.- Chatra, 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 IV.**

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**IV. Nagar & Pinri Sand Mine Project on Lilajan River of Sri Shakti Kumar Singh at Village- Nagar & Pinri, Thana- Hunterganj, Dist.- Chatra, Jharkhand (Nagar- 4.04 Ha & Pinri – 2.02 Ha Total area - 6.06 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 6.06 Ha [Nagar Plot No.- 251 (P), Pinri Plot No.- 302 (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.- 660, dated- 01.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

Mining lease having two blocks

1. Block-I(Nagar)
2. Block-II (Pinri)

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 95.00 Lakhs and a provision of Rs 2.61 Lakh has been indicated for Environment management.

The proposed estimated reserve is Nagar – 70,470 cum & Pinri – 38,610 cum and total annual production capacity as per Form I has been indicated as 87,264 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 Nagar & Pinri Sand Mine Project on Lilajan River of Sri Shakti Kumar Singh at Village- Nagar & Pinri, Thana- Hunterganj, Dist.- Chatra, Jharkhand (Nagar- 4.04 Ha & Pinri – 2.02 Ha Total area - 6.06 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 IV.**

**V. Sugi Sand Mine of Sri Shakti Kumar Singh at Village- Sugi, Thana- Hunterganj, Dist.- Chatra, Jharkhand (2.428 Ha).**

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



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This is a Sand Mining Project for having an area of 2.428 Ha [Khata No.- 74, Plot No.- 566]. 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.- 660, dated- 01.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 50.00 Lakhs and a provision of Rs 6.20 Lakh has been indicated for Environment management.

The proposed estimated reserve is 44,958 cum and annual production capacity as per Form I has been indicated as 35,966 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 Sugi Sand Mine of Sri Shakti Kumar Singh at Village- Sugi, Thana- Hunterganj, Dist.- Chatra, Jharkhand (2.428 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 IV.**

**VI. Kope Sand Mine Project on Auranga River of Sri Govind Paswan at Mouza- Kope, Thana- Manika, Dist.- Latehar, Jharkhand (9.10 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 9.10 Ha [Khata No.- 107, Plot No.- 922]. 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.- 392, dated- 05.06.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

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

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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 1.45 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,55,430 cum and annual production capacity as per Form I has been indicated as 1,24,344 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.

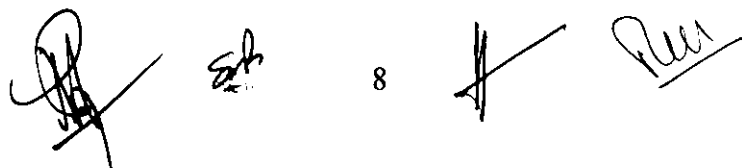
**Based on the presentation made and information provided the Committee decided that the proposal for Kope Sand Mine Project on Auranga River of Sri Govind Paswan at Mouza- Kope, Thana- Manika, Dist.- Latehar, Jharkhand (9.10 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure IV.**

## **VII. Barkagaon Sand Ghat in the river bed of Hurlang of M/s Vindhiaswasini Commercial Services Pvt Ltd at Village- Barkagaon, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (3.78 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 3.78 Ha [Khata No.- 280, Plot No.- 3984]. 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.- 1892, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 19.45 Lakhs and a provision of Rs 8.12 Lakh has been indicated for Environment management.

 8



The proposed estimated reserve is 60,000 cum and annual production capacity as per Form I has been indicated as 54,000 cum per annum.

PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 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 M/s Vindhiaswasini Commercial Services Pvt Ltd at Village- Barkagaon, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (3.78 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 IV.**

**VIII. Vishrampur Sand Ghat in the river bed of Badmahi of M/s Vindhiaswasini Commercial Services Pvt Ltd at Village- Bishrampur, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (2.42 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 2.42 Ha [Khata No.- 25, Plot No.- 01 & 691]. 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.- 1891, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 14.31 Lakhs and a provision of Rs 5.15 Lakh has been indicated for Environment management.

The proposed estimated reserve is 32,000 cum and annual production capacity as per Form I has been indicated as 28,800 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 Vishrampur Sand Ghat in the river bed of Badmahi of M/s Vindhiaswasini Commercial Services Pvt Ltd at Village- Bishrampur, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (2.42 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 IV.

**IX. Khapriaon Sand Ghat in the river bed of Konar of Shri Utam Kumar Sarkhel at Village- Khapriaon, P.S.- Katkamsandi, Dist.- Hazaribagh, Jharkhand (5.10 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 5.10 Ha [Khata No.- 542, 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.- 1875, dated- 15.05.2015 for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 22.22 Lakhs and a provision of Rs 12.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 76,200 cum and annual production capacity as per Form I has been indicated as 68,580 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 Khapriaon Sand Ghat in the river bed of Konar of Shri Utam Kumar Sarkhel at Village- Khapriaon, P.S.- Katkamsandi, Dist.- Hazaribagh, Jharkhand (5.10 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 IV.**

**X. Dhobiapahari Sand Ghat in the river bed of Barakar of Sri Sanjeev Kumar Singh at Village- Dhobiapahari, P.S.- Barhi, Dist.- Hazaribagh, Jharkhand (4.77 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 4.77 Ha [Khata No.- 32, 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.- 1864, dated- 15.05.2015 for which PP is seeking EC. Considering

  10  

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

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 26.08 Lakhs and a provision of Rs 10.86 Lakh has been indicated for Environment management.

The proposed estimated reserve is 74,800 cum and annual production capacity as per Form I has been indicated as 67,320 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 Dhobiapahari Sand Ghat in the river bed of Barakar of Sri Sanjeev Kumar Singh at Village- Dhobiapahari, P.S.- Barhi, Dist.- Hazaribagh, Jharkhand (4.77 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure IV.**

## Annexure I

### A. Specific Conditions

1. The Environmental clearance is subject to grant of Mining Lease and will be co-terminus with the mining lease period.
2. The mining work will be open-cast and exclusively manual. No mechanical work or drilling / blasting should be involved at any stage.
3. The mining is confined to extraction of sand from the river bed only. No mining is to be carried out in water stream. It shall be ensured that there shall be no mining beyond 03 m or upto water level which ever is less in the issue of Sand Mining or Sand / Gravel Mining should be raised 15 meter away from the river side or mining should be restricted from the distance equal or more than 1/5 module of river width shall be left on both the banks of precise area to control and avoid erosion of river bank.
4. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed. Also PP shall ensure that stipulations mentioned in MoEF OM No.- J-13012/12/2013-IA-II(I), dated- 24<sup>th</sup> December, 2013 and SEIAA, Jharkhand guideline dated 07.05.2013 are adhered to.



5. For the green belt development in the mining area / transport road sides / other land area saplings available in the forest nursery / private nursery should also be considered for the mentioned purpose instead of the Trees / Plants mentioned in the PFR / Presentation copies of the proposed mine.
6. No sand mining activities will be carried out in upstream or downstream within 500 m of railways, road, bridge, water intake, wires & notified aquarium or breeding places.
7. Project Proponent shall appoint a Monitoring Committee to monitor the replenishment study, traffic management, levels of production, River Bank erosion and maintenance of Road etc and shall submit report to SEIAA, JSPCB and DMO after every monsoon i.e. by end of November (30<sup>th</sup>) of that year. Also after receding of flood / water (after monsoon) a study has to be conducted in mining lease area and list of flora & fauna is to be prepared and submit report to SEIAA, JSPCB and DMO.
8. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area).
9. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
10. The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season. Due consideration will be given to points raised in Supreme Court judgement and SEIAA guidelines.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent will provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
13. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management rules.
14. Project falling within 1.0 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
15. Natural /customary paths used by villagers should not be obstructed at any time by the activities proposed under the project. Transportation of sand is to be carried out with consent of Villagers and Trucks are to be covered with Tarpaulin.
16. Local flora may be planted in the Core Zone of the Mining Lease area.
17. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.



12



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.

13



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.



sh 14



19. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile / insect like snake. Periodical and Annual medical check up of workers as per Mines Act and they should be covered under ESI as per rule.
20. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
21. The Project proponent shall maintain register for production and dispatch and submit return to the SEIAA / JSPCB / concerned authorities.
22. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
23. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
24. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
25. Dispensary facilities for First Aid shall be provided at site.
26. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
27. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover).
28. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
29. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
30. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO<sub>2</sub> ,NO<sub>x</sub> (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
31. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
32. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control

Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along the status of compliance of EC conditions and shall also be sent 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 Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

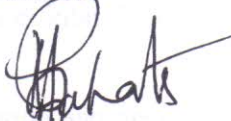
**It was decided that the next meeting of SEAC will be held from 01<sup>st</sup> to 05<sup>th</sup> December, 2015.**

**The meeting concluded with thanks to all present.**



(S.B.S Chauhan)

Member



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

Member



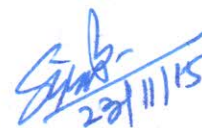
(S.K. Suman)

Secretary



(Dr. R.P. Singh Sangu)

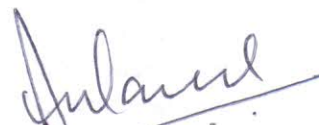
Member



28/11/15

(Prof (Dr) Shatrunjay Kumar Singh)

Member



(A K Saxena)

Chairman