

PART- C MINUTES OF THE 38th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 18th to 24th DECEMBER, 2015

Date- 20th December, 2015

The 38th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 18th to 24th December, 2015 under the Chairmanship of Sh. S.B.S Chauhan in absence of Sh. A.K. Saxena in the Conference Room at 170 C, Ashok Nagar, Ranchi. The following members were present:

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| 1. Sh. A.K. Saxena | - Chairman (Not Present) |
| 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 |
| 7. Shri S.K. Suman | - Secretary |

Various projects which were received by SEIAA after the previous SEAC meeting held from 01st to 05th December, 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.

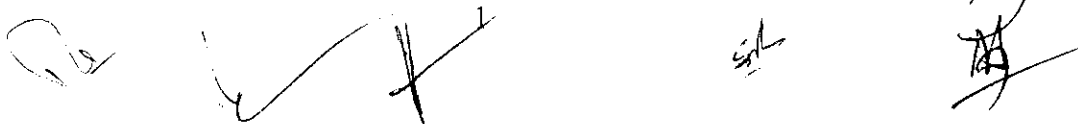
1. Proposal related to Stone Mine (Renewal Projects)

I. Bhagalpur Juljula Stone Mine of Sri Ram Pratap Deo at Village – Bhagalpur Juljula, P.O.- Bingaon, Thana - Karra Dist.- Khunti, Jharkhand (0.40 Ha).

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

This is a Stone Mining Project for having an area of 0.40 Ha [Khata No.- 58, Plot No.- 229 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 24.08.2011 to 23.08.2021.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the



mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 10.00 Lakhs and a provision of Rs 3.18 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 29,344 t

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

	Stone	No. of Bricks
1 st Year	: 2661 t	1,48,821
2 nd Year	: 2649 t	1,40,143
3 rd Year	: 2607 t	1,37,957
4 th Year	: 2607 t	1,37,957
5 th Year	: 2637 t	1,39,500

The daily production as per Form I is 9 tonnes and 496 Number of bricks per day.

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

Based on the presentation made and information provided the Committee decided that the proposal for Bhagalpur Juljula Stone Mine of Sri Ram Pratap Deo at Village – Bhagalpur Juljula, P.O.- Bingaon, Thana - Karra Dist.- Khunti, Jharkhand (0.40 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

II. Patrayur Stone Mining of Sri Bikas Kumar at Village- Patrayur, Thana- Torpa, Dist.- Khunti, Jharkhand (0.57 Ha).

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

This is a Stone Mining Project for having an area of 0.57 Ha [Khata No.- 36, Plot No.- 681 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 19.12.2006 to 18.12.2016.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

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

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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 36.00 Lakhs and a provision of Rs 2.76 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	1,17,162 t
Mineable Probable Reserve	:	5760 t

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

1 st Year	:	12,375 t
2 nd Year	:	12,336 t
3 rd Year	:	12,342 t
4 th Year	:	12,216 t
5 th Year	:	12,318 t

The daily production as per Form I is 41 tonnes.

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

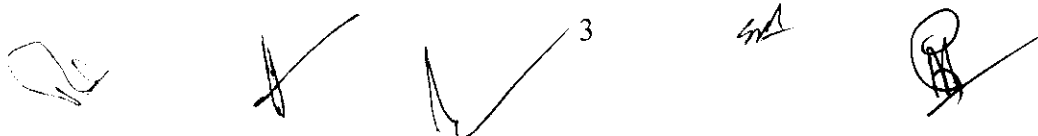
Based on the presentation made and information provided the Committee decided that the proposal for Patrayur Stone Mining of Sri Bikas Kumar at Village- Patrayur, Thana- Torpa, Dist.- Khunti, Jharkhand (0.57 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

III. Marro Stone Mine of Md Gavasuddin Ansari at Village – Marro, P.S. – Govindpur, Dist.- Dhanbad, Jharkhand (1.41 Ha).

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

This is a Stone Mining Project for having an area of 1.41 Ha [Khata No.- 20, Plot No.- 386 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 06.11.2008 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine

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will have not have any major impact on the surroundings. The indicated project cost is Rs 56.00 Lakhs and a provision of Rs 3.13 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	3,92,250 t
Mineable Probable Reserve	:	10,710 t

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

1 st Year	:	40,326 t
2 nd Year	:	40,992 t
3 rd Year	:	40,374 t
4 th Year	:	40,236 t
5 th Year	:	40,500 t

The daily production as per Form I is 137 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Marro Stone Mine of Md Gavasuddin Ansari at Village – Marro, P.S. – Govindpur, Dist.- Dhanbad, Jharkhand (1.41 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

IV. Marro Stone Mine of Sri Asit Kumar Mandal at Village- Marro, P.S.- Govindpur, Thana No.- 136, Dist.- Dhanbad, Jharkhand (1.41 Ha).

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

This is a Stone Mining Project for having an area of 1.41 Ha [Khata No.- 20, Plot No.- 386 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 06.11.2008 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 60.00 Lakhs and a provision of Rs 3.75 Lakhs will be kept for Environment management.

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The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	4,53,825 t
Mineable Probable Reserve	:	5220 t

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

1 st Year	:	45,459 t
2 nd Year	:	45,300 t
3 rd Year	:	45,777 t
4 th Year	:	45,987 t
5 th Year	:	45,435 t

The daily production as per Form I is 153 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Marro Stone Mine of Sri Asit Kumar Mandal at Village- Marro, P.S.- Govindpur, Thana No.- 136, Dist.- Dhanbad, Jharkhand (1.41 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

V. Karmatand Stone Mine Project of Smt. Manju Agarwal at Village- Karmatand, P.O. & P.S.- Mednisare, Dist.- Giridih, Jharkhand (2.57 Ha).





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

This is a Stone Mining Project for having an area of 2.57 Ha [Khata No.- 04, Plot No.- 283]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 06.07.2011 to 18.11.2018.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakhs and a provision of Rs 3.07 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	5,83,200 t
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Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	53,460 t
2 nd Year	:	53,460 t
3 rd Year	:	51,030 t
4 th Year	:	48,600 t
5 th Year	:	45,684 t

The daily production as per Form I is 178 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Karmatand Stone Mine Project of Smt. Manju Agarwal at Village- Karmatand, P.O. & P.S.- Mednisare, Dist.- Giridih, Jharkhand (2.57 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

VI. Kharkhar Stone Mine Project of M/s Hariom Works at Mouza- Kharkhar, P.O.- Phulwaria, P.S.- Nawalshahi, Dist.- Koderma, Jharkhand (0.24 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri B. Turkey

This is a Stone Mining Project for having an area of 0.24 Ha [Plot No.- 2665, 2666 (P), 2673 (P), 2674 (P), 2675, 2677 (P), 2678 & 2679]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 19.11.2010 to 20.11.2020.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 28.00 Lakhs and a provision of Rs 1.47 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 43,376 t

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

1 st Year	:	2792 t
2 nd Year	:	4990 t

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3 rd Year	:	4990 t
4 th Year	:	7144 t
5 th Year	:	6415 t

The daily production as per Form I is 24 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Kharkhar Stone Mine Project of M/s Hariom Works at Mouza- Kharkhar, P.O.- Phulwaria, P.S.- Nawalshahi, Dist.- Koderma, Jharkhand (0.24 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

VII. Udalbani Stone Mine Project of Sri Ajay Kumar Bahgat at Village - Udalbani, Thana- Amrapara, Dist.- Pakur, Jharkhand (1.29 Ha).

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

This is a Stone Mining Project for having an area of 1.29 Ha [Plot No.- 768 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 16.08.2008 to 15.08.2018.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakhs and a provision of Rs 2.16 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	3,20,050 t
Mineable Proved Reserve	:	52,070 t

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

1 st Year	:	21,656 t
2 nd Year	:	26,503 t
3 rd Year	:	26,938 t
4 th Year	:	25,160 t
5 th Year	:	27,220 t

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The daily production as per Form I is 101 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Udalbani Stone Mine Project of Sri Ajay Kumar Bahgat at Village - Udalbani, Thana- Amrapara, Dist.- Pakur, Jharkhand (1.29 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

VIII. Pakturi Stone Mine Project of M/s Jial Das & Company at Village - Pakturi, P.S.- Taljhari, Dist.- Sahebganj, Jharkhand. (13.53 Ha).

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

This is a Stone Mining Project for having an area of 13.53 Ha [Plot No.- 49 to 53, 86 (P), 88 & 89]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 02.06.2011 for a period 05 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 5.37 Lakhs and a provision of Rs 2.10 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	38,72,272 t
Mineable Proved Reserve	:	2,50,270 t

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

1 st Year	:	3,61,957 t
2 nd Year	:	3,80,628 t
3 rd Year	:	3,71,161 t
4 th Year	:	3,76,299 t
5 th Year	:	3,83,662 t

The daily production as per Form I is 1421 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Pakturi Stone Mine Project of M/s Jial Das & Company at Village - Pakturi, P.S.- Taljhari, Dist.- Sahebganj, Jharkhand. (13.53 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

IX. Rutdih Stone Mining of Sri Dulal Nandi at Village- Rutdih, Thana- Govindpur, Dist.- Saraikela Kharsawan, Jharkhand (3.06 Ha).

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

This is a Stone Mining Project for having an area of 3.06 Ha [Khata No.- 132, Plot No.- 237 & 247 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 25.02.2011 for a period 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 42.00 Lakhs and a provision of Rs 5.21 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

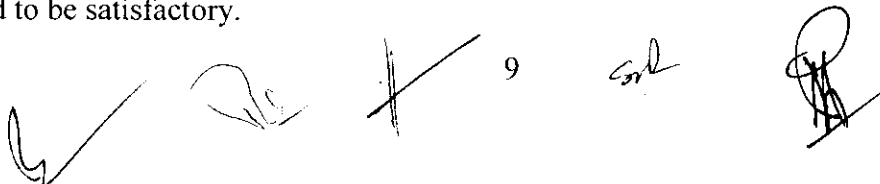
Mineable Proved Reserve	:	11,00,692 t
Mineable Proved Reserve	:	3335 t

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

1 st Year	:	1,10,041 t
2 nd Year	:	1,10,580 t
3 rd Year	:	1,10,400 t
4 th Year	:	1,10,577 t
5 th Year	:	1,10,699 t

The daily production as per Form I is 369 tonnes.

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

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Based on the presentation made and information provided the Committee decided that the proposal for Rutdih Stone Mining of Sri Dulal Nandi at Village- Rutdih, Thana- Govindpur, Dist.- Saraikela Kharsawan, Jharkhand (3.06 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

X. Gadwa Stone Mine of Shri Sanjay Kumar Yadav at Village- Gadwa, Tehsil- Taljhari, Dist.- Sahibganj, Jharkhand (2.33 Ha).

Consultant- M/S AAKHIVI Consultants, Noida, RQP- Sri Ajay Shankar

This is a Stone Mining Project for having an area of 2.33 Ha [Plot No.- 60 to 62]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 17.06.2011 to 17.08.2014.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakhs and a provision of Rs 4.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	13,64,866 t
Mineable Proved Reserve	:	22,397 t

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

1 st Year	:	1,38,953 t
2 nd Year	:	1,38,915 t
3 rd Year	:	1,38,845 t
4 th Year	:	1,38,858 t
5 th Year	:	1,38,623 t

The daily production as per Form I is 470 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Gadwa Stone Mine of Shri Sanjay Kumar Yadav at Village- Gadwa, Tehsil- Taljhari, Dist.- Sahibganj, Jharkhand (2.33 Ha) be recommended for consideration of SEIAA

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subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

XI. Bunda Moko Stone Mine of M/s Singh Stone Works (Sri Tapan Kumar Singh) at Village- Bunda Mako, P.S.- Bindudham, Dist.- Sahibganj, Jharkhand. (0.80 Ha).

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

This is a Stone Mining Project for having an area of 0.80 Ha [Khata No.- 12, Plot No.- 13]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 31.05.2011 to 30.05.2018.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 24.00 Lakhs and a provision of Rs 6.49 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	1,68,000 cum
Mineable Proved Reserve	:	33,600 cum

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

1 st Year	:	36,000 cum
2 nd Year	:	31,200 cum
3 rd Year	:	30,000 cum
4 th Year	:	28,920 cum
5 th Year	:	28,200 cum

The daily production as per Form I is 120 cum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Bunda Moko Stone Mine of M/s Singh Stone Works (Sri Tapan Kumar Singh) at Village- Bunda Mako, P.S.- Bindudham, Dist.- Sahibganj, Jharkhand. (0.80 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.



XII. Surajpur Stone Mine of Shri Om Prakash Sahu at Village- Surajpur, P.S.- Basia, Dist.- Gumla, Jharkhand (0.81 Ha).

Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Sri J.P. Bhattacharya

This is a Stone Mining Project for having an area of 0.81 Ha [Khata No.- 06, Plot No.- 328 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 06.08.2007 to 05.08.2017.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 17.12 Lakhs and a provision of Rs 7.22 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	1,91,946 t
Mineable Proved Reserve	:	15,030 t

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





1 st Year	:	15,564 t
2 nd Year	:	14,461 t
3 rd Year	:	14,562 t
4 th Year	:	16,639 t
5 th Year	:	15,732 t

The daily production as per Form I is 52 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Surajpur Stone Mine of Shri Om Prakash Sahu at Village- Surajpur, P.S.- Basia, Dist.- Gumla, Jharkhand (0.81 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIII. Jangalpur Stone Mine of Md. Mannu Alam at Village- Jangalpur, Thana- Govindpur, Dist- Dhanbad, Jharkhand (1.294 Ha).

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Consultant- M/S Apex Mintech Consultants, Udaipur, RQP- Sri S.S. Mahto

This is a Stone Mining Project for having an area of 1.294 Ha [Plot No.- 364 (P)]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 17.07.2006 to 16.07.2016.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 25.00 Lakhs and a provision of Rs 1.69 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	4,92,367 t
Mineable Proved Reserve	:	8168 t

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

1 st Year	:	50,768 t
2 nd Year	:	50,552 t
3 rd Year	:	50,439 t
4 th Year	:	50,417 t
5 th Year	:	50,234 t

The daily production as per Form I is 170 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Jangalpur Stone Mine of Md. Mannu Alam at Village- Jangalpur, Thana- Govindpur, Dist- Dhanbad, Jharkhand (1.294 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIV. Jangalpur Stone Mine of Md. Mohsin Ansari at Village- Jangalpur, Thana- Govindpur, Dist.- Dhanbad, Jharkhand (0.566 Ha).

Consultant- M/S Apex Mintech Consultants, Udaipur, RQP- Sri S.S. Mahto

This is a Stone Mining Project for having an area of 0.566 Ha [Plot No.- 402]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 12.06.2010 to 11.06.2020.. Considering the fact that it is B2 Category of Project - as per

EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 25.00 Lakhs and a provision of Rs 1.54 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	1,67,144 t
Mineable Proved Reserve	:	10,368 t

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

1 st Year	:	8346 t
2 nd Year	:	8348 t
3 rd Year	:	8303 t
4 th Year	:	8432 t
5 th Year	:	8316 t

The daily production as per Form I is 28 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Jangalpur Stone Mine of Md. Mohsin Ansari at Village- Jangalpur, Thana- Govindpur, Dist.- Dhanbad, Jharkhand (0.566 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

XV. Bhitha Pahar Stone Mine Project of Shri Rajkumar Bhagat at Village- Bhitha Pahar, P.S.- Talihari, P.O- Bakudih, Dist.- Sahebganj, Jharkhand (2.01 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri B. Tirkey

This is a Stone Mining Project for having an area of 2.01 Ha [Khata No.- 9, 12 & 13, Plot No.- 11 (P), 12 (P), 13 (P) & 14 (P)]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 31.10.2010 for a period of 05 years. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant

case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 60.00 Lakhs and a provision of Rs 2.56 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	5,64,257 t
Mineable Proved Reserve	:	2,04,995 t

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

1 st Year	:	51,322 t
2 nd Year	:	49,718 t
3 rd Year	:	48,114 t
4 th Year	:	90,031 t
5 th Year	:	81,162 t

The daily production as per Form I is 300 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Bhitha Pahar Stone Mine Project of Shri Rajkumar Bhagat at Village- Bhitha Pahar, P.S.- Talihari, P.O- Bakudih, Dist.- Sahebganj, Jharkhand (2.01 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVI. Pakdaha Stone Mine Project of M/s Mahila Anupam Swayang Sahayta Samuha (Smt. Kalamati Murmu) at Mouza - Pakdaha, P.O. & P.S.- Sarajdangar, Dist.- Dumka, Jharkhand. (0.404 Ha).

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

This is a Stone Mining Project for having an area of 0.404 Ha [Khata No.- 40, Plot No.- 860 (P)]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 22.07.2009 for a period of 05 years. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and

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decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 20.00 Lakhs and a provision of Rs 2.88 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 5184 t

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

1 st Year	:	432 t
2 nd Year	:	432 t
3 rd Year	:	432 t
4 th Year	:	432 t
5 th Year	:	432 t

The daily production as per Form I is 1.44 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Pakdaha Stone Mine Project of M/s Mahila Anupam Swayang Sahayta Samuha (Smt. Kalamati Murmu) at Mouza - Pakdaha, P.O. & P.S.- Sarajdangar, Dist.- Dumka, Jharkhand. (0.404 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVII. Pakturi Stone Mine Project of M/s Jial Das & Co. Village- Pakturi, P.S.- Taljhari, Dist.- Sahebganj, Jharkhand (1.64 Ha).

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

This is a Stone Mining Project for having an area of 1.64 Ha [Plot No.- 45]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 25.11.2010 for a period of 05 years. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

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The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakhs and a provision of Rs 2.64 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	5,12,028 t
Mineable Probable Reserve	:	14,511 t

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

1 st Year	:	54,193 t
2 nd Year	:	55,466 t
3 rd Year	:	55,420 t
4 th Year	:	55,164 t
5 th Year	:	55,255 t

The daily production as per Form I is 205 tonne.

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

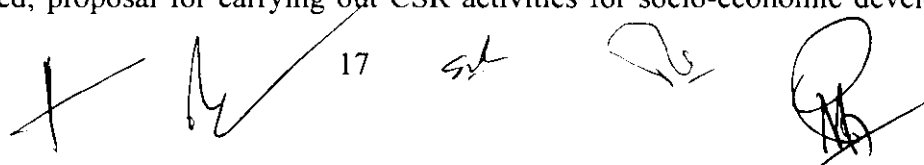
Based on the presentation made and information provided the Committee decided that the proposal for Pakturi Stone Mine Project of M/s Jial Das & Co. Village- Pakturi, P.S.- Taljhari, Dist.- Sahebganj, Jharkhand (1.64 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

λ III. Pakturi Stone Mine Project of M/s Jial Das & Co. Village- Pakturi, P.S.- Taljhari, Dist.- Sahebganj, Jharkhand (1.42 Ha).

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

This is a Stone Mining Project for having an area of 1.42 Ha [Plot No.- 39 (P), 41 (P) & 44]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 30.03.2011 to 01.02.2013. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development,

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development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 38.00 Lakhs and a provision of Rs 2.74 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	2,25,566 t
Mineable Probable Reserve	:	31,168 t

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

1 st Year	:	27,328 t
2 nd Year	:	29,938 t
3 rd Year	:	30,358 t
4 th Year	:	30,243 t
5 th Year	:	30,272 t

The daily production as per Form I is 112 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Pakturi Stone Mine Project of M/s Jial Das & Co. Village- Pakturi, P.S.- Taljhari, Dist.- Sahebganj, Jharkhand (1.42 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIX. Donai Kala Stone Mine of Shri Birju Prasad Mehta at Village- Jihu & Donai Kala, Thana- Barhi, Dist.- Hazaribagh, Jharkhand (0.810 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri J.P. Bhattacharya

This is a Stone Mining Project for having an area of 0.810 Ha [Plot No.- 1097 & 1098].The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 12.06.2003 for a period of 10 years. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

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

consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 25.00 Lakhs and a provision of Rs 1.70 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	4,38,561 t
Mineable Probable Reserve	:	11,313 t

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

1 st Year	:	44,541 t
2 nd Year	:	44,996 t
3 rd Year	:	44,955 t
4 th Year	:	45,081 t
5 th Year	:	45,144 t

The daily production as per Form I is 150 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Donai Kala Stone Mine of Shri Birju Prasad Mehta at Village- Jihu & Donai Kala, Thana- Barhi, Dist.- Hazaribagh, Jharkhand (0.810 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure I.

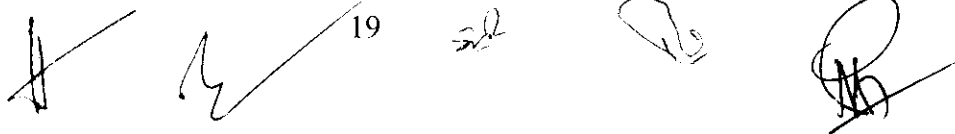
XX. Makrapahari-Jamrupani Stone Mine Project of M/s Maa Vaishno Devi Stone Works at Village- Makrapahari, P.S.- Shikaripara, Dist.- Dumka, Jharkhand (1.30 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri B. Tirkey

This is a Stone Mining Project for having an area of 1.30 Ha [Plot No.- 68, 69 & 1035]. The committee noted that as per Form I it is a proposal for existing mine lease for which PP is seeking EC. The lease was valid w.e.f. 01.08.2006 for a period of 10 years. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

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

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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 2.49 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 2,80,924 t

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

1 st Year	:	22,583 t
2 nd Year	:	20,590 t
3 rd Year	:	18,598 t
4 th Year	:	16,605 t
5 th Year	:	15,609 t

The daily production as per Form I is 75 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Makrapahari-Jamrupani Stone Mine Project of M/s Maa Vaishno Devi Stone Works at Village- Makrapahari, P.S.- Shikaripara, Dist.- Dumka, Jharkhand (1.30 Ha) be recommended for consideration of SEIAA subject to above mentioned observations 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 renewal of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. EC is subject to the grant of mining lease to the rightful owner.
4. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
5. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
6. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The

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Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.

7. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
8. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
9. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
10. 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.
11. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
12. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
13. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
14. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
15. 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.
16. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
17. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
18. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.

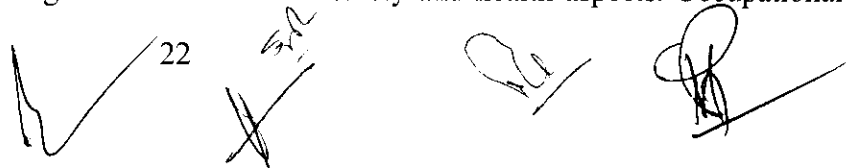
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19. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
20. Drills shall either be operated with the dust extractors or equipped with water injection system.
21. 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.
22. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
23. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
24. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
26. 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.
27. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

B. General conditions

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational

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health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,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.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 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.
17. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of renewal of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary



Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.

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

Proposal related to Stone Mine (New Projects)

XXI. Chanpi Stone Deposit of Sri Anjay Kumar at Village- Chanpi, Thana- Karra, Dist.- Khunti, Jharkhand. (0.81 Ha).

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

This is a Stone Mining Project for having an area of 0.81 Ha [Khata No.- 210, Plot No.- 983 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 10.00 Lakh and a provision of Rs 3.90 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	83,600 cum
Mineable Probable Reserve	:	1736 cum

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

1 st Year	:	8432 cum
2 nd Year	:	8509 cum
3 rd Year	:	8432 cum
4 th Year	:	8510 cum
5 th Year	:	8538 cum

The daily production as per Form I is 28 cum.

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



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Based on the presentation made and information provided the Committee decided that the proposal for Chanpi Stone Deposit of Sri Anjay Kumar at Village- Chanpi, Thana- Karra, Dist.- Khunti, Jharkhand. (0.81 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

XXII. Bansjor Stone Deposit of M/s Krishna Minerals & Trading Agency (Sri Bala Krishna Padhy) at Village- Bansjor, Thana- Bansjor, Dist.- Simdega, Jharkhand (1.436 Ha).

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

This is a Stone Mining Project for having an area of 1.436 Ha [Khata No.- 178, Plot No.- 3535 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakh and a provision of Rs 4.41 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	6,47,514 t
Mineable Probable Reserve	:	11,424 t

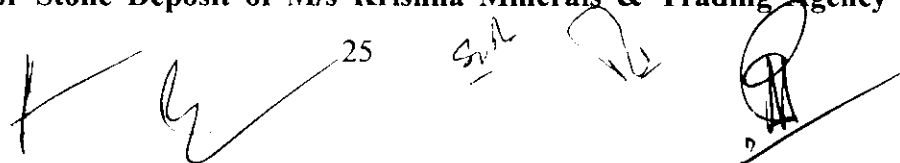
Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	65,856 t
2 nd Year	:	65,982 t
3 rd Year	:	65,346 t
4 th Year	:	65,520 t
5 th Year	:	65,128 t

The daily production as per Form I is 220 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Bansjor Stone Deposit of M/s Krishna Minerals & Trading Agency (Sri Bala

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Krishna Padhy) at Village- Bansjor, Thana- Bansjor, Dist.- Simdega, Jharkhand (1.436 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

XXIII. Nindra Stone Deposit of M/s ECI Engineering & Construction Company Ltd. at Village – Nindra, P.O. & P.S. – Chandwa, Dist.- Latehar, Jharkhand (2.27 Ha).

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

This is a Stone Mining Project for having an area of 2.27 Ha [Khata No.- 98, Plot No.- 126, Khata No.- 47, Plot No.- 133, Khata No.- 07, Plot No.- 139 (P), Khata No.- 16, Plot No.- 137, Khata No.- 14, Plot No.- 134]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 90.00 Lakh and a provision of Rs 3.22 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	6,74,554 t
Mineable Probable Reserve	:	9402 t

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

1 st Year	:	1,36,850 t
2 nd Year	:	1,36,870 t
3 rd Year	:	1,36,727 t
4 th Year	:	1,36,828 t
5 th Year	:	1,36,612 t

The daily production as per Form I is 456 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Nindra Stone Deposit of M/s ECI Engineering & Construction Company Ltd. at Village – Nindra, P.O. & P.S. – Chandwa, Dist.- Latehar, Jharkhand (2.27 Ha) be

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

XXIV. Kalidaspur Stone Mine Project of M/s Abdul Haque at Village- Kalidaspur, Thana- Pakur, Dist.- Pakur, Jharkhand (0.89 Ha).

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

This is a Stone Mining Project for having an area of 0.89 Ha [Plot No.- 494, 496, 497, 500, 507 to 513, 515, 547 & 554]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions, (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 35.00 Lakh and a provision of Rs 2.56 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	1,88,806 t
Mineable Probable Reserve	:	22,084 t

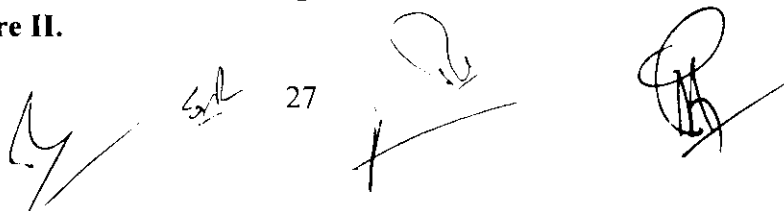
Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	16,616 t
2 nd Year	:	18,813 t
3 rd Year	:	18,261 t
4 th Year	:	19,285 t
5 th Year	:	20,189 t

The daily production as per Form I is 71 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Kalidaspur Stone Mine Project of M/s Abdul Haque at Village- Kalidaspur, Thana- Pakur, Dist.- Pakur, Jharkhand (0.89 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

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XXV. Saharpur Stone Mine Project of Sri Santosh Kumar at Village- Saharpur, P.O.- Benagaria, P.S.- Shikaripara, Dist.- Dumka, Jharkhand (2.66 Ha).

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

This is a Stone Mining Project for having an area of 2.66 Ha [Plot No.- 136, 138, 139, 146, 147, 148 & 149]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 65.00 Lakh and a provision of Rs 2.28 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 10,20,600 t

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

1 st Year	:	1,02,060 t
2 nd Year	:	99,873 t
3 rd Year	:	97,686 t
4 th Year	:	95,499 t
5 th Year	:	93,312 t

The daily production as per Form I is 340 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Saharpur Stone Mine Project of Sri Santosh Kumar at Village- Saharpur, P.O.- Benagaria, P.S.- Shikaripara, Dist.- Dumka, Jharkhand (2.66 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

XXVI. Saharpur Stone Mine of Md. Islam Miyan at Village- Saharpur, Tehsil- Shikaripara, Dist.- Dumka, Jharkhand (1.26 Ha).

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Consultant- M/S AAKHIVI Consultants, Noida, RQP- Sri Ajay Shankar

This is a Stone Mining Project for having an area of 1.26 Ha [Plot No.- 47 to 55, 58 to 64, 77 to 79, 88 to 90 & 92]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 30.00 Lakh and a provision of Rs 2.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	7,57,042 t
Mineable Probable Reserve	:	24,084 t

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

1 st Year	:	78,570 t
2 nd Year	:	78,235 t
3 rd Year	:	78,457 t
4 th Year	:	78,840 t
5 th Year	:	78,710 t

The daily production as per Form I is 292 tonne.

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

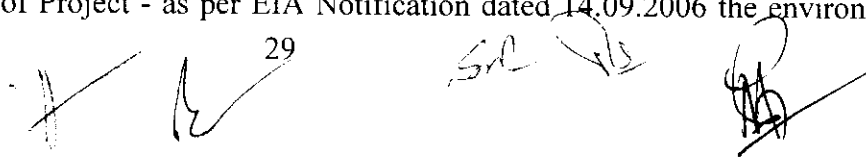
Based on the presentation made and information provided the Committee decided that the proposal for Saharpur Stone Mine of Md. Islam Miyan at Village- Saharpur, Tehsil- Shikaripara, Dist.- Dumka, Jharkhand (1.26 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

XXVII. Dudhiya Stone Mine of M/s Mahakali Stone Industries at Village- Dudhiya, Tehsil- Baliapur, Dist.- Dhanbad, Jharkhand (0.93 Ha).

Consultant- M/S AAKHIVI Consultants, Noida, RQP- Sri Ajay Shankar

This is a Stone Mining Project for having an area of 0.93 Ha [Plot No.- 101 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental

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impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

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

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	1,33,324 t
Mineable Probable Reserve	:	5211 t

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

1 st Year	:	13,255 t
2 nd Year	:	13,872 t
3 rd Year	:	13,862 t
4 th Year	:	14,229 t
5 th Year	:	13,446 t

The daily production as per Form I is 43 tonne.

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

Based on the presentation made and information provided the Committee decided that the proposal for Dudhiya Stone Mine of M/s Mahakali Stone Industries at Village- Dudhiya, Tehsil- Baliapur, Dist.- Dhanbad, Jharkhand (0.93 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

CXVIII. Talmi Ujdaha Stone Deposit of M/s B.B.A. Stone Works at Village- Talmi Ujadaha, Tehsil- Mandro, Dist.- Sahibganj, Jharkhand (3.74 Ha).

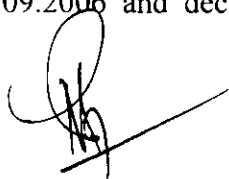
Consultant- M/S AAKHIVI Consultants, Noida, RQP- Sri Ajay Shankar

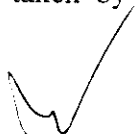
This is a Stone Mining Project for having an area of 3.74 Ha [Khata No.- 26, Plot No.- 15 (P) & 17 (P), Khata No.- 19, Plot No.- 35 (P), 17 /204 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by



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SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 12.00 Lakh and a provision of Rs 2.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	21,13,290 t
Mineable Probable Reserve	:	52,853 t

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

1 st Year	:	2,15,960 t
2 nd Year	:	2,17,204 t
3 rd Year	:	2,16,000 t
4 th Year	:	2,16,351 t
5 th Year	:	2,17,377 t

The daily production as per Form I is 727 tonne.

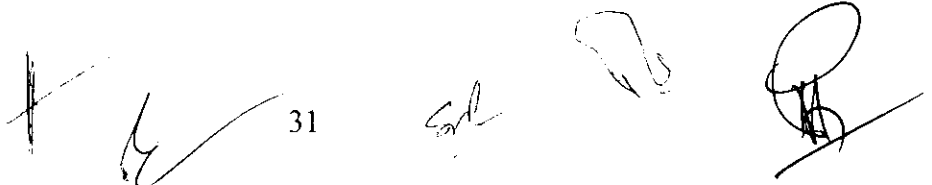
PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Talmi Ujdaha Stone Deposit of M/s B.B.A. Stone Works at Village- Talmi Ujadaha, Tehsil- Mandro, Dist.- Sahibganj, Jharkhand (3.74 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

XXIX. Gorga Stone Mine of Ishraq Zia at Village- Gorga, Thana- Nirsa, Dist.- Dhanbad, Jharkhand (3.2455 Ha).

Consultant- M/S Apex Mintch Consultants, Udaipur, RQP- Sri Amit Saxena

This is a Stone Mining Project for having an area of 3.2455 Ha [Plot No.- 11, 19, 1048 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

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The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 25.00 Lakh and a provision of Rs 1.70 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	1,99,938 cum
Mineable Probable Reserve	:	78,396 cum

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

1 st Year	:	18,133 cum
2 nd Year	:	22,745 cum
3 rd Year	:	26,114 cum
4 th Year	:	29,792 cum
5 th Year	:	30,140 cum

The daily production as per Form I is 37 cum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Gorga Stone Mine of Ishraq Zia at Village- Gorga, Thana- Nirsa, Dist.- Dhanbad, Jharkhand (3.2455 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

XXX. Murumatu Stone Mine of M/s Ganpati Stone Enterprises [Shri Koleshwar Prasad Mehta & (Partner)] at Village- Murumatu, Thana- Tati Jharia, Dist.- Hazaribagh, Jharkhand (2.37 Ha).

Consultant- M/S Apex Mintch Consultants, Udaipur, RQP- Sri Amit Saxena

This is a Stone Mining Project for having an area of 2.37 Ha [Plot No.- 1166 to 1170, 1172 to 1176, 1179 to 1187, 1191 & 1193 to 1196]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the

mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 25.00 Lakh and a provision of Rs 4.06 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	44,540 cum
Mineable Probable Reserve	:	1,18,482 cum

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

1 st Year	:	20,169 cum
2 nd Year	:	20,072 cum
3 rd Year	:	20,110 cum
4 th Year	:	20,185 cum
5 th Year	:	20,007 cum

The daily production as per Form I is 67 cum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Murumatu Stone Mine of M/s Ganpati Stone Enterprises [Shri Koleshwar Prasad Mehta & (Partner)] at Village- Murumatu, Thana- Tati Jharia, Dist.- Hazaribagh, Jharkhand (2.37 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.

XXXI. Nayadih Stone Mine of M/s Maa Shakti Corporation at Village- Nayadih, Thana- Narayanpur, District- Jamtara, Jharkhand (2.4281Ha).

Consultant- M/S Apex Mintch Consultants, Udaipur, RQP- Sri Amit Saxena

This is a Stone Mining Project for having an area of 2.4281 Ha [Plot No.- 210 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006 and decision taken by SEIAA in its 31st meeting held on 27.05.2015) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine

will have not have any major impact on the surroundings. The indicated project cost is Rs 25.00 Lakh and a provision of Rs 1.70 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	2,42,810 cum
Mineable Probable Reserve	:	48,562 cum

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

1 st Year	:	20,060 cum
2 nd Year	:	19,932 cum
3 rd Year	:	20,068 cum
4 th Year	:	20,053 cum
5 th Year	:	20,022 cum

The daily production as per Form I is 67 cum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Nayadih Stone Mine of M/s Maa Shakti Corporation at Village- Nayadih, Thana- Narayanpur, District- Jamtara, Jharkhand (2.4281Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure II.



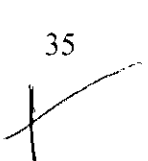

Annexure -II

A. Specific Conditions

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

Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.

7. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
8. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
9. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
10. 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.
11. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
12. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
13. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
14. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
15. 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.
16. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
17. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
18. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.

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19. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
20. Drills shall either be operated with the dust extractors or equipped with water injection system.
21. 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.
22. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
23. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
24. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
26. 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.
27. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

B. General conditions

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational

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health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,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.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
16. The environmental statement for each financial year ending 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.
17. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of grant of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.

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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.

Proposal related to Sand Mine

I. Barkangango Sand Mining Project on Barakar River of Sri Arjun Yadav at Village – Barkangango, Thana – Barkatha, Dist.- Hazaribagh, Jharkhand (5.53 Ha).

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

This is a Sand Mining Project for having an area of 5.53 Ha [Khata No.- 106, 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.- 1872, 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 50.00 Lakh and a provision of Rs 3.43 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,10,286 cum and annual production capacity as per Form I has been indicated as 88,229 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Barkangango Sand Mining Project on Barakar River of Sri Arjun Yadav at

Village – Barkangango, Thana – Barkatha, Dist.- Hazaribagh, Jharkhand (5.53 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

II. Dhanapali Sand Mining Project on Koyal River of M/s Nandlal Kumar Gupta at Village- Dhanapali, P.O. & Thana- Kolpotka, Dist.- West Singhbhum, Jharkhand (5.26 Ha).

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

This is a Sand Mining Project for having an area of 5.26 Ha [Khata No.- 03. Plot No- 1730 (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.- 579, 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 1.00 Crore and a provision of Rs 2.72 Lakh has been indicated for Environment management.

The proposed estimated reserve is 33,755 cum and annual production capacity as per Form I has been indicated as 27,004 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Dhanapali Sand Mining Project on Koyal River of M/s Nandlal Kumar Gupta at Village- Dhanapali, P.O. & Thana- Kolpotka, Dist.- West Singhbhum, Jharkhand (5.26 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

III. Devbar Sand Mining Project on Auranga River of Sri Bali Yadav at Village – Devbar, Thana – Manika, Dist.- Latehar, Jharkhand (5.16 Ha).

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

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This is a Sand Mining Project for having an area of 5.16 Ha [Khata No.- 52, Plot No- 01, 214 & 199]. 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.- 368, dated- 30.05.2015 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 65.00 Lakh and a provision of Rs 1.97 Lakh has been indicated for Environment management.

The proposed estimated reserve is 59,290 cum and annual production capacity as per Form I has been indicated as 47,432 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Devbar Sand Mining Project on Auranga River of Sri Bali Yadav at Village – Devbar, Thana – Manika, Dist.- Latehar, Jharkhand (5.16 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

IV. Jamuna Sand Mining Project on Auranga River of Sri Bali Yadav at Village- Jamuna, Thana- Manika, Dist.- Latehar, Jharkhand (3.24 Ha).

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

This is a Sand Mining Project for having an area of 3.24 Ha [Khata No.- 23, Plot No- 263 & 264]. 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.- 368, dated- 30.05.2015 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 60.00 Lakh and a provision of Rs 1.58 Lakh has been indicated for Environment management.

The proposed estimated reserve is 37,608 cum and annual production capacity as per Form I has been indicated as 30,086 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Jamuna Sand Mining Project on Auranga River of Sri Bali Yadav at Village- Jamuna, Thana- Manika, Dist.- Latehar, Jharkhand (3.24 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

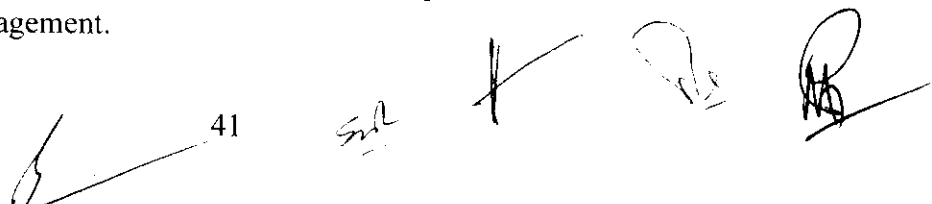
V. Tehro Sand Ghat in the River bed of Sakri of Shri Sanjay Kumar at Village- Tehro, P.S.- Satgawan, Dist.-Koderma, Jharkhad (4.91 Ha).

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

This is a Sand Mining Project for having an area of 4.91 Ha [Khata No.- 48, 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.- 446, dated- 29.07.2015 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 37.92 Lakh and a provision of Rs 13.86 Lakh has been indicated for Environment management.

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The proposed estimated reserve is 1,29,300 cum and annual production capacity as per Form I has been indicated as 1,16,370 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 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 Tehro Sand Ghat in the River bed of Sakri of Shri Sanjay Kumar at Village- Tehro, P.S.- Satgawan, Dist.-Koderma, Jharkhad (4.91 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

VI. Gondalpura Sand Ghat in the River bed of Gondalpura of M/s Vindhyawasini Commercial Services Private Limited at Village- Gondalpura, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (3.64 Ha).

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

This is a Sand Mining Project for having an area of 3.64 Ha [Khata No.- 81, Plot No- 920]. 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 46.14 Lakh and a provision of Rs 10.76 Lakh has been indicated for Environment management.

The proposed estimated reserve is 48,600 cum and annual production capacity as per Form I has been indicated as 43,739 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 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 Gondalpura Sand Ghat in the River bed of Gondalpura of M/s Vindhyawasini Commercial Services Private Limited at Village- Gondalpura, P.S.- Barkagaon, Dist.- Hazaribagh, Jharkhand (3.64 Ha) be recommended for consideration of SEIAA subject to

above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

VII. Kawalu Sand Ghat in the river bed of Konar of Sri Anil Kumar Singh at Village-Kawalu. P.S.- Daru, Dist.- Hazaribagh, Jharkhand (1.21 Ha).

Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Gems Projects Pvt Ltd

This is a Sand Mining Project for having an area of 1.21 Ha [Khata No.- 57, Plot No- 2027]. 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.- 1862, 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 47.70 Lakh and a provision of Rs 4.70 Lakh has been indicated for Environment management.

The proposed estimated reserve is 24,302 cum and annual production capacity as per Form I has been indicated as 10,618 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 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 Kawalu Sand Ghat in the river bed of Konar of Sri Anil Kumar Singh at Village-Kawalu. P.S.- Daru, Dist.- Hazaribagh, Jharkhand (1.21 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

VIII. Peto Sand Ghat in the river bed of Siwane of Shri Anil Kumar Singh at Village-Peto, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (1.69 Ha).

Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Gems Projects Pvt Ltd

This is a Sand Mining Project for having an area of 1.69 Ha [Khata No.- 111, Plot No- 682]. 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.- 1863, 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

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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 23.00 Lakh and a provision of Rs 6.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 34,051 cum and annual production capacity as per Form I has been indicated as 17,264 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 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 Peto Sand Ghat in the river bed of Siwane of Shri Anil Kumar Singh at Village-Peto, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (1.69 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

IX. Harli Sand Ghat in the river bed of Siwane of Shri Anil Kumar Singh at Vill-Harli, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (2.72 Ha).

Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Gems Projects Pvt Ltd

This is a Sand Mining Project for having an area of 2.72 Ha [Khata No.- 124, 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.- 1863, 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 12.66 Lakh and a provision of Rs 4.78 Lakh has been indicated for Environment management.

The proposed estimated reserve is 54,553 cum and annual production capacity as per Form I has been indicated as 27,308 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 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 Harli Sand Ghat in the river bed of Siwane of Shri Anil Kumar Singh at Vill-Harli, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (2.72 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

X. Harli Sand Ghat in the river bed of Siwane of Shri Anil Kumar Singh at Village-Harli, , P.S.- Daru, Dist.- Hazaribagh, Jharkhand (3.27 Ha).

Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Gems Projects Pvt Ltd

This is a Sand Mining Project for having an area of 3.27 Ha [Khata No.- 124, 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.- 1863, 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 15.20 Lakh and a provision of Rs 6.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 65,560 cum and annual production capacity as per Form I has been indicated as 37,046 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 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 Harli Sand Ghat in the river bed of Siwane of Shri Anil Kumar Singh at Vill-Harli, P.S.- Daru, Dist.- Hazaribagh, Jharkhand (3.27 Ha) be recommended for consideration

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of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

XI. Nawatand Sand Ghat in the river bed of Badmahi of M/s Vindhiyawashini Commercial Services Pvt. Ltd. (Shri Tej Pratap Singh) at Village- Nawatand, P.S- Barkagoan, Dist.- Hazaribagh, Jharkhand (4.15 Ha).

Consultant- M/S Gems Projects Pvt Ltd, Ranchi, RQP- Gems Projects Pvt Ltd

This is a Sand Mining Project for having an area of 3.27 Ha [Khata No.- 02, 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.- 1874, 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 49.09 Lakh and a provision of Rs 12.03 Lakh has been indicated for Environment management.

The proposed estimated reserve is 84,190 cum and annual production capacity as per Form I has been indicated as 49,587 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 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 Nawatand Sand Ghat in the river bed of Badmahi of M/s Vindhiyawashini Commercial Services Pvt. Ltd. (Shri Tej Pratap Singh) at Village- Nawatand, P.S- Barkagoan, Dist.- Hazaribagh, Jharkhand (4.15 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

XII. Parariya Sand Ghat in the river bed of Parariya of M/s Vindhiyawashini Commercial Services Pvt. Ltd. (Shri Tej Pratap Singh) at Village- Parariya, P.S- Barkagoan, Dist.- Hazaribagh, Jharkhand (1.6 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 1.6 Ha [Khata No.- 147, Plot No- 1050]. 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.- 1893, 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 38.18 Lakh and a provision of Rs 5.68 Lakh has been indicated for Environment management.

The proposed estimated reserve is 23,800 cum and annual production capacity as per Form I has been indicated as 21,420 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 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 Parariya Sand Ghat in the river bed of Parariya of M/s Vindhya washini Commercial Services Pvt. Ltd. (Shri Tej Pratap Singh) at Village- Parariya, P.S.- Barkagoan, Dist.- Hazaribagh, Jharkhand (1.6 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

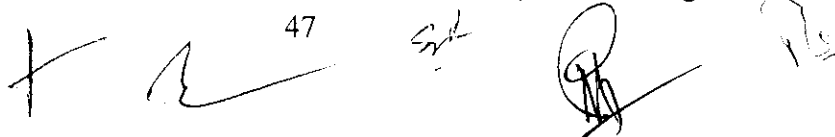
XIII. Kathadih Sand Ghat in the river bed of Akto of Shri Sanjeev Kumar Singh at Village- Kathadih, P.S.- Jainagar, Dist.- Koderma, Jharkhand (0.80 Ha).

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

This is a Sand Mining Project for having an area of 0.80 Ha [Plot No- 1818]. 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.- 444, dated- 29.07.2015 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

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and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 18.85 Lakh and a provision of Rs 4.02 Lakh has been indicated for Environment management.

The proposed estimated reserve is 23,800 cum and annual production capacity as per Form I has been indicated as 8100 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 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 Kathadih Sand Ghat in the river bed of Akto of Shri Sanjeev Kumar Singh at Village- Kathadih, P.S.- Jainagar, Dist.- Koderma, Jharkhand (0.80 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

XIV. Tel Mocho Sand Quarry on Domodar River of Shri Shibu Mahto at Village- Telmocho, Thana- Mahuda, Dist.- Dhanbad, Jharkhand. (7.73 Ha).

Consultant- M/S Apex Mintech Consultants, Udaipur, RQP- Sri Amit Saxena

This is a Sand Mining Project for having an area of 7.73 Ha [Plot No- 2950 (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.- 2030, dated- 04.11.2015 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 25.00 Lakh and a provision of Rs 1.70 Lakh has been indicated for Environment management.

The proposed estimated reserve is 160,800 cum and annual production capacity as per Form I has been indicated as 1,60,800 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Tel Mocho Sand Quarry on Domodar River of Shri Shibu Mahto at Village-Telmocho, Thana- Mahuda, Dist.- Dhanbad, Jharkhand. (7.73 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

XV. Parsahi Sand Mining Project (Block 1 & 2) on Auranga River of Smt. Anita Devi Mouza- Parsahi, Dumariatanr, Hotwar & Jalta, Thana- Latehar, Dist.- Latehar, Jharkhand (19.72 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 19.72 Ha [Plot No- 1736 & 597]. 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.- 333, dated- 18.05.2015 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 45.00 Lakh and a provision of Rs 2.82 Lakh has been indicated for Environment management.

The proposed estimated reserve is 3,80,858 cum and annual production capacity as per Form I has been indicated as 75,742 cum per annum.

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

Based on the presentation made and information provided the Committee decided that the proposal for Parsahi Sand Mining Project (Block 1 & 2) on Auranga River of Smt. Anita Devi Mouza- Parsahi, Dumariatanr, Hotwar & Jalta, Thana- Latehar, Dist.- Latehar, Jharkhand (19.72 Ha) be recommended for consideration of SEIAA subject to above mentioned observations for grant of EC. The various conditions for grant of EC are given at Annexure III.

Annexure III

A. Specific Conditions

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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. EC is subject to the grant of mining lease to the rightful owner.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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).
10. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
11. 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.
12. 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.



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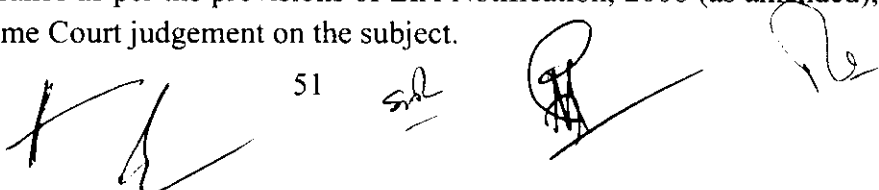


13. The project proponent will provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
14. 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.
15. 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.
16. 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.
17. Local flora may be planted in the Core Zone of the Mining Lease area.
18. 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.
19. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
20. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
21. 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.
22. 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.
23. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
24. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
25. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
26. 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.

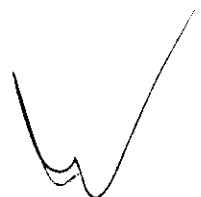
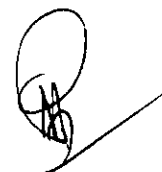
B. General conditions

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.

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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.

Proposal related to Brick Clay Mine

1. Bricks Clay Mining for M/s H.M.T. Bhusan Bricks (Sri Dilu Ram Mahto) at Village- Tarmi, P.O.-Bhandaridah, Thana- Chandrapura, Dist.- Bokaro, Jharkhand (0.80 Ha).

Consultant- M/S AAKHIVI Consultants, Noida

This is a Brick Clay Mining Project for having an area of 0.80 Ha [Khata No.- 99/26, Plot No-994]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 25.00 Lakhs and a provision of Rs 0.40 Lakhs will be kept for Environment management.

PP has submitted certificate from DMO & Ranger report.

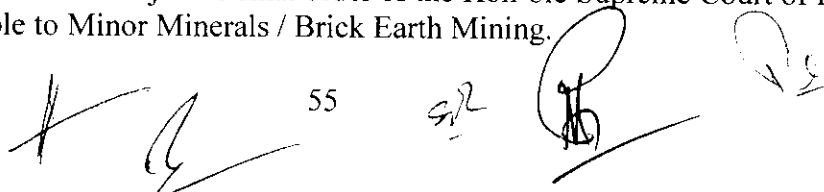
The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided, the Committee recommends that the proposal for Bricks Clay Mining for M/s H.M.T. Bhusan Bricks (Sri Dilu Ram Mahto) at Village- Tarmi, P.O.-Bhandaridah, Thana- Chandrapura, Dist.- Bokaro, Jharkhand (0.80 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure-IV.

Annexure -IV

A. Specific Conditions

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

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5. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities.
6. The activity associated with borrowing / excavation of 'brick earth' and 'ordinary earth' for purpose of brick manufacturing, construction of roads, embankments etc. shall not involve blasting.
7. The borrowing / excavation activity shall be restricted to a maximum depth of 2 m below general ground level at the site. However – excavation shall not intercept with ground water level at site.
8. The borrowing / excavation activity shall not alter the natural drainage pattern of the area.
9. The borrowing / excavated pit shall be restored by the project proponent for useful purpose (s).
10. Appropriate fencing all around the borrowed / excavated pit shall be made to prevent any mishap.
11. Measures shall be taken to prevent dust emission by covering of borrowed / excavated earth during transportation.
12. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing / excavation of earth.
13. Workers / labours shall be provided with facilities for drinking water and sanitation.
14. A considerable space from mine pit shall be left from the boundary of adjoining field, having, minimum width of 5M.
15. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.
16. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
17. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
18. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
19. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
20. The project proponent should implement suitable conservation measures to augment ground water resources in the area as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.



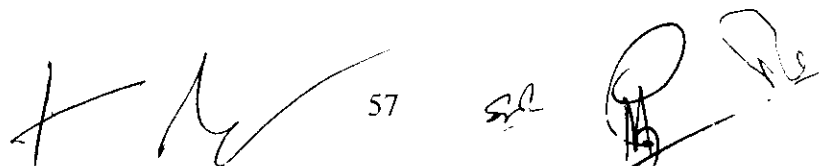
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21. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
22. Suitable rainwater harvesting scheme shall be planned and implemented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

B. General conditions

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

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5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
8. Dispensary facilities for First Aid shall be provided at site.
9. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (% of Profit / turnover).
10. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi its concerned Regional Office and to SEIAA.
12. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,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.
13. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
14. The environmental statement for each financial year ending 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.
15. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance will be valid till the period of land lease and subject to grant / renewal of mining permit which are generally granted for period of 6 month at one time. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.

3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and 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.

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

1. Manjhladih Stone Mine Project of M/s Shristy Stone Works, Mouza - Manjhladih, P.S.- Shikaripara, Dist- Dumka, Jharkhand. (Area- 1.05 Ha)

The PP's submitted certificate from CO, DFO and DMO. This is a case of violation due to excess production w.r.t. Application from JSPCB. SEIAA is requested to write to the Deptt. of Forests & Environment, Government of Jharkhand / JSPCB to take credible action under EP Act for the above violation.

Once credible action is taken by the State Government, SEAC will, after considering the same, will refer the matter to SEIAA for consideration for further action.

2. Kharkhar Stone Mine of Sri Shree Durga Stone Chips, at Mauza - Kharkhar, P.S. - Nawalshahi, Dist- Koderma, Jharkhand. (2.02 Ha).

PP has submitted certificates from CO, DFO & DMO. PP was asked to submit certificate from DFO regarding no National Park, Sanctuary & Bio-Diversity within 10 KM or 5 KM.

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

3. Paharpur Stone Mine Project of Sri Sujan Mahto at Village - Paharpur, P.O. & P.S.- Baliapur, Dist.- Dhanbad, Jharkhand (0.91 Ha).

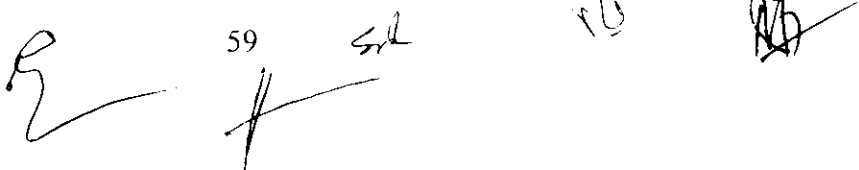
PP has submitted certificates from CO, DFO & DMO. PP was asked to submit certificate from DFO regarding no National Park, Sanctuary & Bio-Diversity within 10 KM or 5 KM.

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

4. Domchanch Stone Mine Project of Sri Baijnath Mehta, Mouza- Domchanch, P.S.- Domchanch, Dist- Koderma, Jharkhand. (Area- 0.44 Ha)

PP has submitted certificates from CO, DFO & DMO. PP was asked to submit certificate from DFO regarding no National Park, Sanctuary & Bio-Diversity within 10 KM or 5 KM and receiving copy of application from JSPCB.

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

5. Purnadih Stone Mine of Shri M.N. Jha at Mouza- Purnadih, Thana No.-214, Thana- Markacho, Dist.- Koderma, Jharkhand. (0.42 Ha).

PP has submitted certificates from CO, DFO & DMO. PP was asked to submit certificate from DMO regarding contiguous patch within 500 m and production figure after 2012.

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

6. Jihu & Pandra Stone Mine of Shri Rajendra Prasad Mehta at Vill- Jihu & Pandra, Thana- Ichak & Padama, Dist- Hazaribagh, Jharkhand. (Area- 2.5818 Ha)

PP has submitted certificates from CO, DFO & DMO. PP was asked to submit certificate from DMO regarding production figures, Application/CTO/NOC from JSPCB and copy of lease deed.

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

7. Nadbelwa Sand Mining Project on Sukri River of Sri Bali Yadav at Village- Nadbelwa, Thana- Manika, Dist.- Latehar, Jharkhand (13.05 Ha).

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

This is a Sand Mining Project for having an area of 13.05 Ha [Khata No.- 43, Plot No- 416, 441 & 456]. 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.- 368, dated- 30.05.2015 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 80.00 Lakh and a provision of Rs 2.60 Lakh has been indicated for Environment management.

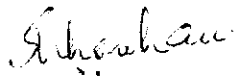
PP has submitted certificates from DMO. PP has submitted Affidavit that there is no forest within 250 m and no intake well, breeding point and bridge within 500 of mine lease. The informations were examined and found to be satisfactory.

The proposed estimated reserve is 2,21,452 cum and no production will be done due to the existence of forest . PP has to clarify.

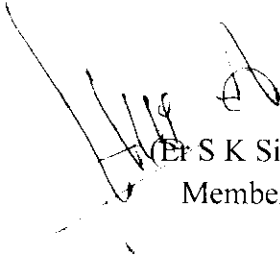
Once the PP provides the information, SEAC will, after examining the same, will refer the matter to SEIAA for consideration for further action.

- 8. Kolhaiya Stone Mine of Shri Arjun P.D. Gupta & Arun Kr, Singh at Vill- Kalhaiya, Tehsil- Hariharganj, District- Palamu, Jharkhand. (0.607 ha)**
- 9. Bardag Stone Mine of Shri Praveen Kumar Agarwal at Vill- Bardag, Tehsil- Hariharganj, District- Palamu, Jharkhand. (4.89 ha)**

PP not present. files return to SEIAA.



(S.B.S Chauhan)
Member



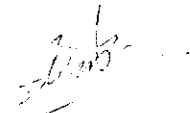
(Er S K Singh)
Member



(Dr. R.P. Singh Sangu)
Member



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



(Prof (Dr) Shatrunjay Kumar Singh)
Member

