

Minutes of 638th SEAC-1 Meeting Dated 24/03/2022

The 638th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 24/03/2022. Following members participated in the meeting:

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| 1. | Shri Rajive Kumar, | Chairman, SEAC-1 |
| 2. | Dr. Ajai Mishra, | Member, SEAC-1 (through VC) |
| 3. | Shri Om Prakash Srivastava, | Member, SEAC-1 (through VC) |
| 4. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 (through VC) |
| 5. | Shri Umesh Chandra Sharma, | Member, SEAC-1 (through VC) |
| 6. | Dr. Ratan Kar, | Member, SEAC-1 (through VC) |

The Chairman welcomed the members to the 638th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. Sand/Morrum Mining River Ken Riverbed at Gata No. Part of 333/7 (Khand No. 01) at Village- Marauli Khadar, Tehsil- & District- Banda, Shri Prashant Kumar Gupta., Area 17.2802 Ha., File No. 6915/Proposal No. SIA/UP/MIN/71821/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow(U.P.). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “ Sand/Morrum Mining River Ken Riverbed at Gata No. Part of 333/7 (Khand No. 01) at Village- Marauli Khadar, Tehsil- & District- Banda, Shri Prashant Kumar Gupta., Area 17.2802 Ha.,
2. Salient features of the project as submitted by the project proponent:

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|--|--|-------------|--------------|
| 1. On-line proposal No. | SIA/UP/MIN/71821/2022 | | |
| 2. File No. allotted by SEIAA, U.P | 6915 | | |
| 3. Name of Proponent | Shri Prashant Kumar Gupta S/o Shri Ramkishan Gupta | | |
| 4. Full correspondence address of proponent and mobile no. | Gandhi Nagar, Mahoba Tehsil & District- Mahoba (U.P.) Pincode- 210427 | | |
| 5. Name of Project | Sand/Morrum Mining Project | | |
| 6. Project location (Plot/Khasra/Gata No.) | Gata No. -Part of 333/7 (Khand No-1) | | |
| 7. Name of River | Ken River bed | | |
| 8. Name of Village | Marauli Khadar | | |
| 9. Tehsil | Banda | | |
| 10. District | Banda (U.P.) | | |
| 11. Name of Minor Mineral | Sand/Morrum Mining Project | | |
| 12. Sanctioned Lease Area (in Ha.) | 17.2802 Ha | | |
| 13. Mineable Area (in Ha.) | 15.5244 Ha. (Safety Margin 1.7558 Ha.) | | |
| 14. Zero level mRL | 88 mRL | | |
| 15. Max. & Min mrl within lease area | The highest RL & lowest RL found within the lease area is 95 m in the south direction & 92m in the north-east direction. | | |
| 16. Pillar Coordinates (Verified by DMO) | Pillar | Latitude(N) | Longitude(E) |

| | | | |
|---|---|---------------|------------------------------|
| | A | 25°33'45.81"N | 80°17'16.98"E |
| | B | 25°33'45.25"N | 80°17'27.89"E |
| | C | 25°33'47.29"N | 80°17'38.95"E |
| | D | 25°33'33.07"N | 80°17'40.39"E |
| | E | 25°33'38.95"N | 80°17'25.06"E |
| | F | 25°33'38.12"N | 80°17'25.04"E |
| | G | 25°33'41.10"N | 80°17'15.94"E |
| | H | 25°33'42.58"N | 80°17'15.51"E |
| 17. Total Geological Reserves | 6,91,208 m ³ | | |
| 18. Sanction Quantity as per LOI | 3,45,604 m ³ per year as per LOI | | |
| 19. Total Proposed Production (in five year) | 17,28,020 m ³ in five year | | |
| 20. Proposed Production/year | 3,45,604 m ³ per year as per LOI | | |
| 21. Sanctioned Period of Mine lease | 5 Years as per LOI | | |
| 22. Production of mine/day | 1760 m ³ /day | | |
| 23. Method of Mining | Open cast, Semi-Mechanized | | |
| 24. No. of working days | 250 | | |
| 25. Working hours/day | 8 hours/day | | |
| 26. No. Of workers | 78 | | |
| 27. No. Of vehicles movement/day | 100-105 Vehicles movement/day | | |
| 28. Type of Land | Sand/Morrum Mining Project | | |
| 29. Ultimate Depth of Mining | 2.5 m | | |
| 30. Nearest metalled road from site | NH- 335 at 6.67 km towards South East direction from the project site. | | |
| 31. Water Requirement | PURPOSE | | REQUIREMENT (KLD) |
| | Drinking water | | 0.88 KLD |
| | Dust suppression | | 3.78 KLD |
| | Plantation | | 0.087 KLD |
| | Others (if any) | | - |
| | Total | | 4.747 KLD or 4.75 KLD approx |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity. | Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec, 2022 | | |
| 33. Any litigation pending against the project or land in any court | No | | |
| 34. Details of 500 m Cluster Map & certificate issued by Mining Officer | Letter No. 44/ Khaniij-30/Banda) on Date- 13/01/2022 | | |
| 35. Details of Lease Area in approved DSR | Letter No.-12/Parya. Sachi. Banda on date 28-02-2019, Sl. No- 5 | | |
| 36. Proposed EMP cost | Rs. 7,71,485/- | | |
| 37. Proposed Total Project cost | Rs. 6,00,00,000/- | | |
| 38. Length and breadth of Haul Road | 420 m length and 6.0 m width | | |
| 39. No. of Trees to be Planted | 87 | | |

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-I(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 01

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & address all the critical issues involved in the project and mentioned in EIA report.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
7. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
8. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
9. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
10. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

2. Stone Khanda, Boulders, Ballast (Gitti) Granite & Hilly Red Morrum Mining at Gata No. 1525, Village- Pahara, Tehsil- Sadar, District-Mahoba., Shri Anubhav Singh., Area-3.650 ha., File No. 6920/Proposal No. SIA/UP/MIN/71977/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow(U.P.). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Stone Khanda, Boulders, Ballast (Gitti) Granite & Hilly Red Morrum Mining at Gata No. 1525, Village- Pahara, Tehsil- Sadar, District-Mahoba, U.P., (Leased Area-3.650 ha.).
2. Salient features of the project as submitted by the project proponent:

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| 1. On-line proposal No. | SIA/UP/MIN/71977/2022 |
| 2. File No. allotted by SEIAA, U.P | 6920 |
| 3. Name of Proponent | Shri Anubhav Singh S/o - Shri Kalyan Singh |
| 4. Full correspondence address of proponent and mobile no. | R/O- Mu. Vishal Nagar, Kabrai Tehsil - Sadar, District-Mahoba (U.P.) |
| 5. Name of Project | Building Stone, Khanda , Boulder, Blastt (Gitti), [Granite] & |

| | | | |
|---|---|--------------------------|---------------------|
| | Hilly Red Morrum Mining Project | | |
| 6. Project location (Plot/Khasra/Gata No.) | Arazi No. 1525 | | |
| 7. Name of River | NA | | |
| 8. Name of Village | Pahara | | |
| 9. Tehsil | Sadar | | |
| 10. District | Mahoba (U.P.) | | |
| 11. Name of Minor Mineral | Building Stone, Khanda , Boulder, Blastt (Gitti), [Granite] & Hilly Red Morrum Mining Project | | |
| 12. Sanctioned Lease Area (in Ha.) | 3.650 Ha. | | |
| 13. Mineable Area (in Ha.) | 3.0 Ha. (Safety Margin 0.65 Ha.) | | |
| 14. Zero level mRL | NA | | |
| 15. Max. & Min mrl within lease area | The highest point is 169 m from MSL and the lowest point is 154m from MSL . | | |
| 16. Pillar Coordinates (Verified by DMO) | Pillar | Latitude(N) | Longitude(E) |
| | A | N25°21'39.352" | E80°03'12.593" |
| | B | N25°21'40.553" | E80°03'16.491" |
| | C | N25°21'39.135" | E80°03'19.047" |
| | D | N25°21'35.420" | E80°03'19.706" |
| | E | N25°21'31.975" | E80°03'19.076" |
| | F | N25°21'31.136" | E80°03'17.298" |
| | G | N25°21'32.338" | E80°03'17.683" |
| | H | N25°21'34.070" | E80°03'15.152" |
| | I | N25°21'35.722" | E80°03'16.034" |
| | J | N25°21'36.716" | E80°03'14.245" |
| | K | N25°21'35.942" | E80°03'13.107" |
| L | N25°21'37.889" | E80°03'11.548" | |
| 17. Total Geological Reserves | 7,51,960 m ³ | | |
| 18. Sanction Quantity as per LOI | 1,31,150 m3 per year as per LOI | | |
| 19. Total Proposed Production (in five year) | 5,65,750 m3 in five year | | |
| 20. Proposed Production/year | 1,31,150 m3 per year as per LOI | | |
| 21. Sanctioned Period of Mine lease | 10 Years as per LOI | | |
| 22. Production of mine/day | 524.6 m ³ /day | | |
| 23. Method of Mining | Open cast, Semi-Mechanized | | |
| 24. No. of working days | 250 | | |
| 25. Working hours/day | 8 hours/day | | |
| 26. No. Of workers | 45 | | |
| 27. No. Of vehicles movement/day | 40-41 Vehicles movement/day | | |
| 28. Type of Land | Building Stone, Khanda , Boulder, Blastt (Gitti), [Granite] & Hilly Red Morrum Mining Project | | |
| 29. Ultimate Depth of Mining | 30 m | | |
| 30. Nearest metalled road from site | NH-34 at 4.22 km towards West direction from the Project site. | | |
| 31. Water Requirement | PURPOSE | REQUIREMENT (KLD) | |
| | Drinking water | 0.55 KLD | |
| | Dust suppression | 3.24 KLD | |
| | Plantation | 3.65 KLD | |
| | Others (if any) | - | |
| | Total | 7.44 KLD Approx. | |
| 32. Name of QCI Accredited Consultant with QCI No and period of validity. | Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 Valid up to 30 Dec, 2022 | | |
| 33. Any litigation pending against the project or land in any court | No | | |
| 34. Details of 500 m Cluster Map & certificate issued by Mining Officer | (Letter No. 2067/ एम०एम०सी०-30/2021-22 on Date- 26/10/2021 | | |

| | |
|---|---|
| 35. Details of Lease Area in approved DSR | Letter No.- 8471/M.M.C.-30-Khanij(2020-21) on date 10-03-2021 |
| 36. Proposed EMP cost | Rs. 5,91,622/- |
| 37. Proposed Total Project cost | Rs. 2,00,00,000/- |
| 38. Length and breadth of Haul Road | 360 m length and 6.0 m width |
| 39. No. of Trees to be Planted | 3650 |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 02

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. Project proponent should conduct one month additional monitoring to validate with previous data.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
7. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
8. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
9. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
10. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

3. Stone (Khanda, Giiti, Boulder, Red Morrum) Mining at Gata No.:1078, Khand No.:39, Village: Gonda, Tehsil: Karwi, Chitrakoot, Smt. Archana Singh., Area: 2.024 Ha, File No. 6921/Proposal No. SIA/UP/MIN/71993/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Stone (Khanda, Giiti, Boulder, Red Morrum) Mining at Gata No.:1078, Khand No.:39, Village: Gonda, Tehsil: Karwi, Chitrakoot, U.P., (Leased Area: 2.024 Ha).
2. Salient features of the project as submitted by the project proponent:

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| 1. On-line proposal No. | SIA/UP/MIN/71993/2022 | | |
| 2. File no. allotted by SEIAA,UP | 6921 | | |
| 3. Name of Proponent | SmtArchana Singh W/o ShriDhananjay Singh | | |
| 4.Full correspondence address of proponent and mobile no. | R/o- Village- Samegara, Thana- KotwaliAntu, District: Pratapgarh, U.P. Pin Code- 230001 | | |
| 5. Name of Project | Building Stone/Khanda, Boulder, Gitti& Red Morrum Mine | | |
| 6. Project location (Plot/Khasra/Gata No.) | Gata No.1078(Khand-39) | | |
| 7. Name of River | - | | |
| 8.Name of Village | Gonda | | |
| 9. Tehsil | Karwi | | |
| 10.District | Chitrakoot, U.P. | | |
| 11. Name of Minor Mineral | Building Stone "Khanda, Boulder, Gitti& Red Morrum" | | |
| 12. Sanctioned Lease Area (in Ha.) | Total Lease Area: 2.024Ha | | |
| 13. Mineable Area (in Ha.) | 2.024 Ha | | |
| 14. Zero Level mRL | - | | |
| 15. Max. & Min mRL within lease area | Highest Point :295mRL Lowest Point :235mRL | | |
| 16. Pillar Coordinates (Verified by DMO) | Sanction Lease Area Co-ordinate | | |
| (Source: Verified Khasra Map) | Pillars | Latitude (N) | Longitude (E) |
| | A | 25°11.689'N | 80°44.113'E |
| | B | 25°11.646'N | 80°44.276'E |
| | C | 25°11.614'N | 80°44.277'E |
| | D | 25°11.637'N | 80°44.113'E |
| 17. Total Geological Reserves (Source: Approved Mining Plan) | 33,27,166m ³ | | |
| 18. Total Mineable Reserves (Source: Approved Mining Plan) | 6,76,797m ³ | | |
| 19. Total Proposed Production (in five years) | 3,03,600 m ³ | | |
| 20. Proposed Production/year | 60,720 m ³ per annum | | |
| 21. Sanctioned Period of Mine lease | 20 years | | |
| 22. Production of mine/day | 220.8m3/day (618.24T/day), Bulk Density of the mineral = 2.8 | | |
| 23. Method of Mining | Opencast, semi-mechanized | | |
| 24. No. of Working days | 275 Days | | |
| 25. Working hours/day | 8 -10 hours/day | | |
| 26. No. Of Workers | 53 | | |

| | | |
|--|--|-------------------|
| 27. No. of vehicles movement/day | 15 Units (Assumed Loading Capacity: 40T/Unit) | |
| 28. Type of Land | State Government Land | |
| 29. Ultimate Depth of Mining | 48 m (295mRL – 247mRL) (Source: Approved Mining Plan) | |
| 30. Nearest metalled road from site | 1400 m | |
| Water Requirement | Purpose | Requirement (KLD) |
| | Drinking | 0.265 |
| | Suppression of Dust | 14.0 |
| | Plantation | 4.0 |
| | Total | 18.265 |
| 32. Name of QCI Accredited Consultant with QCI No. and period of validity. | GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till March 26/2022 | |
| 33. Any litigation pending against the project or hand in any court | No | |
| 34. Details of 500 m Cluster Map & certificate issued by Mining Officer | Cluster certificate issued by DMO (Mining Section), Chitrakoot Letter No. 1272/ खनिज/ 2021-22, Dated 20/01/2022 | |
| 35. Details of Lease Area in approved DSR | Approved DSR, Chitrakoot Page No 58, Sr No. 09 | |
| 36. Proposed CER Cost | Rs. 5.57 Lakhs (2% of the total Project Cost) | |
| 37. Proposed EMP Cost | Rs. 33.62 Lakhs | |
| 38. Length and width of Approach Road | Approach Road Length 1400 m & Width 7 m | |
| 39. No. of Trees to be Planted | 2000 Trees | |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 03

Dr. Ajai Mishra, Member, SEAC-1 recused during the appraisal of this proposal. The remaining committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Certified DSR report from District Magistrate should be submitted at the time of EIA.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
3. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
4. Combined KML of all mines in a cluster should be submitted at the time of EIA.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the

people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.

6. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
7. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
8. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
9. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
10. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

4. Khanda, Boulders (Dolostone) Mining at Araj No. 5472KH, 5473, 5474, 5475 & 5476, Village-Billi Markundi, Tehsil- Obra, Sonbhadra, Smt. Geetanjali Chaubey., Area-1.6322 ha., File No. 6922/Proposal No. SIA/UP/MIN/72123/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow (U.P.). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Khanda, Boulders (Dolostone) Mining at Araj No. 5472KH, 5473, 5474, 5475 & 5476, Village-Billi Markundi, Tehsil- Obra, Sonbhadra, (Leased Area-1.6322 ha.).
2. Salient features of the project as submitted by the project proponent:

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| 1. On-line proposal No. | SIA/UP/MIN/72123/2022 | | |
| 2. File No. allotted by SEIAA, U.P | 6922 | | |
| 3. Name of Proponent | M/S SHESHNATH ENTERPRISES Partner – Smt. Geetanjali Chaubey W/o Shri Sanjeet Kumar Chaubey | | |
| 4. Full correspondence address of proponent and mobile no. | R/o- Shusheela Nivas, Near Degree College, Billi Markundi, Obra District- Sonbhadra (U.P.) | | |
| 5. Name of Project | Khanda, Boulder (Dolostone) Mining Project | | |
| 6. Project location (Plot/Khasra/Gata No.) | Gata No.- 5472KH, 5473, 5474, 5475 & 5476 | | |
| 7. Name of River | - | | |
| 8. Name of Village | Billi Markundi | | |
| 9. Tehsil | Obra | | |
| 10. District | Sonbhadra (U.P.) | | |
| 11. Name of Minor Mineral | Khanda, Boulder (Dolostone) Mining Project | | |
| 12. Sanctioned Lease Area (in Ha.) | 1.632 Ha. | | |
| 13. Mineable Area (in Ha.) | 1.2753 (Safety Margin 0.3567 Ha) | | |
| 14. Zero level mRL | - | | |
| 15. Max. & Min mrl within lease area | Maximum & Minimum mRL 198 mRL & 195 mRL respectively | | |
| 16. Pillar Coordinates (Verified by DMO) | Pillar Name | Latitude | Longitude |
| | A | 24°28'53.33"N | 83° 0'16.93"E |
| | B | 24°28'52.02"N | 83° 0'17.72"E |
| | C | 24°28'51.42"N | 83° 0'18.83"E |
| | D | 24°28'51.05"N | 83° 0'18.67"E |
| | E | 24°28'50.45"N | 83° 0'18.25"E |

| | | | |
|---|---|------------------------------|---------------|
| | F | 24°28'48.71"N | 83° 0'17.24"E |
| | G | 24°28'50.47"N | 83° 0'13.20"E |
| | H | 24°28'51.92"N | 83° 0'13.59"E |
| | I | 24°28'52.94"N | 83° 0'14.51"E |
| 17. Total Geological Reserves | 4,24,240 m ³ | | |
| 18. Sanction Quantity as per LOI | 52,224 m ³ per year | | |
| 19. Total Proposed Production (in five year) | 2,61,120 m ³ in five year | | |
| 20. Proposed Production/year | 52,224 m ³ per year | | |
| 21. Overburden of soil (cum) | 73,440 m3 in 1 st year, it will be removed before the mining | | |
| 22. Sanctioned Period of Mine lease | 10 Years | | |
| 23. Total quantity issued for lease period of 10 years as per LOI | 5,22,240 m ³ for lease period of 10 years | | |
| 24. Production of mine/day | 208.896 m ³ /day | | |
| 25. Method of Mining | Open cast, semi-mechanized | | |
| 26. No. of working days | 250 | | |
| 27. Working hours/day | 8 hours/day | | |
| 28. No. Of workers | 25 | | |
| 29. No. Of vehicles movement/day | 16-17 Vehicles movement/day | | |
| 30. Type of Land | Private Land | | |
| 31. Ultimate Depth of Mining | 30 m | | |
| 32. Nearest metalled road from site | SH-76 about 2.45 km towards East direction from the project site. | | |
| 33. Water Requirement | PURPOSE | REQUIREMENT (KLD) | |
| | Drinking water | 0.35 KLD | |
| | Suppression of dust | 1.89 KLD | |
| | Plantation | 1.632 KLD | |
| | Others (if any) | - | |
| | Total | 3.872 KLD or 3.9 KLD Approx. | |
| 34. Name of QCI Accredited Consultant with QCI No And period of validity. | Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 and valid upto Dec 30, 2022 | | |
| 35. Any litigation pending against the project or land in any court | No | | |
| 36. Details of 500 m Cluster Map & certificate issued by Mining Officer | Letter No.- 4922/ Khanij /2022 Date-18/01/2022 | | |
| 37. Details of Lease Area in approved DSR | Corrigendum letter :278/Khanij/2020-21 dated 25/01/2021 Annexure -01 | | |
| 38. Proposed EMP cost | Rs 4,28,071/- | | |
| 39. Proposed Total Project cost | Rs. 97,00,000/- | | |
| 40. Length and breadth of Haul Road | 210 m length and 6.0 m width | | |
| 41. No. of Trees to be Planted | 1632 | | |

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 04

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To assess cumulative impact of the mines in the cluster at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
3. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
4. Combined KML of all mines in a cluster should be submitted at the time of EIA.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
7. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
8. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
9. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
10. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

5. Building Stone (Khanda-Boulder/Gitti-Ballast) Mining at Araj/Gata no.- 931, khand-02, Village-Gadiya, Tehsil-Talbehat, District-Lalitpur, U.P., Shri Mohit Niranjana, (Leased Area-3.439 ha.)File No. 6926/Proposal No. SIA/UP/MIN/72147/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Green Enviro Engineers Pvt. Ltd, Kanpur. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building Stone (Khanda-Boulder/Gitti-Ballast) Mining at Araj/Gata no.- 931, khand-02, Village-Gadiya, Tehsil-Talbehat, District-Lalitpur, U.P., (Leased Area-3.439 ha.)
2. Salient features of the project as submitted by the project proponent

| | | |
|----|---|--|
| 1. | On-line proposal No. | SIA/UP/MIN/72147/2022 |
| 2. | File No. allotted by SEIAA, UP | 6926 |
| 3. | Name of Proponent | Shri Mohit Niranjana |
| 4. | Full correspondence address of proponent and mobile no. | Shri Mohit Niranjana |
| | | R/o 420, Azadpura, Near Risala Mandir, Lalitpur. |
| | | Mobile no.- |
| | | E-mail Id- mohitniranjan5418@gmail.com |

| | | | | |
|-----|---|--|-------------------|---------------|
| 5. | Name of Project | Building Stone (Khanda-Boulder/Gitti-Ballast) Mining Village –Gadiya, Tehsil- Talbehat, District–Lalitpur, Uttar Pradesh | | |
| 6. | Project Location (Plot.Khasra/Gata No.) | Gata No. – 931, khand-02, Village –Gadiya, Tehsil- Talbehat, District–Lalitpur, Uttar Pradesh | | |
| 7. | Name of River | NA | | |
| 8. | Name of Village | Gadiya | | |
| 9. | Tehsil | Talbehat | | |
| 10. | District | Lalitpur | | |
| 11. | Name of Minor Mineral | Building Stone (Khanda-Boulder/Gitti-Ballast) Mining | | |
| 12. | Sanctioned Lease Area (in Ha.) | 3.439 ha. | | |
| 13. | Max. & Min mRL within lease area | Highest mRL is 333.2 & Lowest is 326.1mRL | | |
| 14. | Pillar Coordinates (Verified by DMO) | Pillar | N | E |
| | | A | 24° 50'49.62"N | 78°29'36.31"E |
| | | B | 24° 50'51.22"N | 78°29'36.13"E |
| | | C | 24° 50'55.81"N | 78°29'39.76"E |
| | | D | 24° 50'53.92"N | 78°29'44.05"E |
| | | E | 24° 50'47.14"N | 78°29'41.00"E |
| 15. | Total Geological Reserves | 1064880 m ³ | | |
| 16. | Total Mineable Reserve (as per Approved Mine Plan) | 531969 m ³ | | |
| 17. | Total Proposed Production (In 5 Years) | 257,925 m ³ (In 5 Years) | | |
| 18. | Proposed Production/year | 51585 m ³ /year | | |
| 19. | Sanctioned Period of Mine lease | 20 years | | |
| 20. | Method of Mining | Opencast, Semi-Mechanized | | |
| 21. | No. of working days | 300 | | |
| 22. | Working hours/day | 8 | | |
| 23. | No. of worker | 52 | | |
| 24. | No. of vehicles movement/day | 14 | | |
| 25. | Type of Land | Revenue land | | |
| 26. | Ultimate of Depth of Mining | upto 303mRL | | |
| 27. | Nearest metalled road from site | 500m | | |
| 28. | Water Requirement | PURPOSE | REQUIREMENT (KLD) | |
| | | Drinking | 0.52KLD | |
| | | Suppression of dust | 2.0 KLD | |
| | | Plantation | 0.6 KLD | |
| | | Others (if any) | - | |
| | | Total | 3.12 KLD | |
| 29. | Monitoring season | March 2022 to may 2022 | | |
| 30. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024 | | |
| 31. | Any litigation pending against the project or land in any court | No | | |
| 32. | Details of 500 m Cluster Certificate verified by Mining Officer | vide letter no. 699/30-mines/2021-22 | | |
| 33. | Details of Lease Area in approved DSR | 3.439 ha. | | |
| 34. | Proposed CER cost | Rs. 3.08 Lakhs | | |
| 35. | Proposed EMP cost | Total project cost- Rs. 1.54 Crore | | |
| 36. | Length and breadth of Haul Road | 500m & 6m | | |
| 37. | No. of Trees to be Planted | 300 | | |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 05

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

6. Building Stone (Khanda-Boulder/Gitti-Ballast)” Mining at Arazi No-93/1, Village–Lakhanpura, Lalitpur, Shri Mohit Niranjn, Area – 1.821 ha., File No. 6927/Proposal No. SIA/UP/MIN/72137/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Green Enviro Engineers Pvt. Ltd, Kanpur. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building Stone (Khanda-Boulder/Gitti-Ballast) Mining at Araji/Gata no.- 93/1, Village-Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, U.P., (Leased Area- 1.821 ha.).
2. Salient features of the project as submitted by the project proponent:

| | | |
|----|--------------------------------|-----------------------|
| 1. | On-line proposal No. | SIA/UP/MIN/72137/2022 |
| 2. | File No. allotted by SEIAA, UP | 6927 |
| 3. | Name of Proponent | Shri Mohit Niranjn |
| 4. | Full correspondence address of | Shri Mohit Niranjn |

| | | | |
|-----|---|--|------------------------------|
| | proponent and mobile no. | R/o 420, Azadpura, Near Risala Mandir, Lalitpur. | |
| | | Mobile no.- | |
| | | E-mail Id- mohitniranjan5418@gmail.com | |
| 5. | Name of Project | Building Stone (Khanda-Boulder/Gitti-Ballast) Mining Village –Lakhanpura, Tehsil- Lalitpur, District–Lalitpur, Uttar Pradesh | |
| 6. | Project Location (Plot.Khasra/Gata No.) | Gata No. – 93/1, Village –Lakhanpura, Tehsil-Lalitpur, District–Lalitpur, Uttar Pradesh | |
| 7. | Name of River | NA | |
| 8. | Name of Village | Lakhanpura | |
| 9. | Tehsil | Lalitpur | |
| 10. | District | Lalitpur | |
| 11. | Name of Minor Mineral | Building Stone (Khanda-Boulder/Gitti-Ballast) Mining | |
| 12. | Sanctioned Lease Area (in Ha.) | 1.821 ha. | |
| 13. | Max. & Min mRL within lease area | Highest mRL is 356.8 & Lowest is 352.4mRL | |
| 14. | Pillar Coordinates (Verified by DMO) | Pillar | N E |
| | | A | 24° 51'02.32"N 78°27'05.54"E |
| | | B | 24° 51'06.63"N 78°27'03.11"E |
| | | C | 24° 51'08.23"N 78°27'07.63"E |
| | | D | 24° 51'03.92"N 78°27'09.60"E |
| 15. | Total Geological Reserves | 937926 m ³ | |
| 16. | Total Mineable Reserve (as per Approved Mine Plan) | 402870 m ³ | |
| 17. | Total Proposed Production (In 5 Years) | 136,575 m ³ (In 5 Years) | |
| 18. | Proposed Production/year | 27315 m ³ /year | |
| 19. | Sanctioned Period of Mine lease | 20 years | |
| 20. | Method of Mining | Opencast, Semi-Mechanized | |
| 21. | No. of working days | 300 | |
| 22. | Working hours/day | 8 | |
| 23. | No. of worker | 52 | |
| 24. | No. of vehicles movement/day | 07 | |
| 25. | Type of Land | Revenue land | |
| 26. | Ultimate of Depth of Mining | upto 320mRL | |
| 27. | Nearest metalled road from site | 1.0km | |
| 28. | Water Requirement | PURPOSE | REQUIREMENT (KLD) |
| | | Drinking | 0.52KLD |
| | | Suppression of dust | 4.0 KLD |
| | | Plantation | 0.6 KLD |
| | | Others (if any) | - |
| | | Total | 5.12 KLD |
| 29. | Monitoring season | March 2022 to may 2022 | |
| 30. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024 | |
| 31. | Any litigation pending against the project or land in any court | No | |
| 32. | Details of 500 m Cluster Certificate verified by Mining Officer | vide letter no. 697/30-mines/2021-22 | |
| 33. | Details of Lease Area in approved DSR | 1.821 ha. | |
| 34. | Proposed CER cost | Rs. 2.8 Lakhs | |
| 35. | Proposed EMP cost | Total project cost- Rs. 1.4 Crore | |
| 36. | Length and breadth of Haul Road | 1.0 km & 6m | |
| 37. | No. of Trees to be Planted | 300 | |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 06

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

7. Building Stone (Khanda-Boulder/Gitti-Ballast) Mining at Araj/Gata no.- 1498, khand-05, Village-Gadiya, Tehsil-Talbehah, District-Lalitpur, U.P., developed by Shri Dharmendra Singh, (Leased Area-2.023 ha.)File No. 6928/Proposal No. SIA/UP/MIN/72119/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Green Enviro Engineers Pvt. Ltd, Kanpur. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building Stone (Khanda-Boulder/Gitti-Ballast) Mining at Araj/Gata no.- 1498, khand-05, Village-Gadiya, Tehsil-Talbehah, District-Lalitpur, U.P., (Leased Area-2.023 ha.).

2. Salient features of the project as submitted by the project proponent:

| | | | | |
|-----|---|---|----------------|-------------------|
| 1. | On-line proposal No | SIA/UP/MIN/72119/2022 | | |
| 2. | File No. allotted by SEIAA, UP | 6928 | | |
| 3. | Name of Proponent | Shri Dharmendra Singh | | |
| 4. | Full correspondence address of proponent and mobile no. | Shri Dharmendra Singh R/o Basant Vihar Colony, Banshipura, Lalitpur. | | |
| | | Mobile no.- | | |
| | | E-mail Id- dharmendrasingh541818@gmail.com | | |
| 5. | Name of Project | Building Stone (Khanda-Boulder/Gitti-Ballast) Mining Village –Gadiya, Tehsil- Talbehat, District–Lalitpur, Uttar Pradesh | | |
| 6. | Project Location (Plot.Khasra/Gata No.) | Gata No. – 1498, khand-05, Village –Gadiya, Tehsil-Talbehat, District–Lalitpur, Uttar Pradesh | | |
| 7. | Name of River | NA | | |
| 8. | Name of Village | Gadiya | | |
| 9. | Tehsil | Talbehat | | |
| 10. | District | Lalitpur | | |
| 11. | Name of Minor Mineral | Building Stone (Khanda-Boulder/Gitti-Ballast) Mining | | |
| 12. | Sanctioned Lease Area (in Ha.) | 2.023 ha. | | |
| 13. | Max. & Min mRL within lease area | Highest mRL is 333.8 & Lowest is 326.4mRL | | |
| 14. | Pillar Coordinates (Verified by DMO) | Pillar | N | E |
| | | A | 24° 50'35.79"N | 78°29'45.37"E |
| | | B | 24° 50'36.04"N | 78°29'38.69"E |
| | | C | 24° 50'38.17"N | 78°29'38.48"E |
| | | D | 24° 50'39.79"N | 78°29'42.10"E |
| | | E | 24° 50'41.00"N | 78°29'41.25"E |
| | | F | 24° 50'41.26"N | 78°29'43.17"E |
| | | G | 24° 50'36.83"N | 78°29'45.15"E |
| 15. | Total Geological Reserves | 1273035 m ³ | | |
| 16. | Total Mineable Reserve (as per Approved Mine Plan) | 394848 m ³ | | |
| 17. | Total Proposed Production (In 5 Years) | 151,725 m ³ (In 5 Years) | | |
| 18. | Proposed Production/year | 30345 m ³ /year | | |
| 19. | Sanctioned Period of Mine lease | 20 years | | |
| 20. | Method of Mining | Opencast, Semi-Mechanized | | |
| 21. | No. of working days | 300 | | |
| 22. | Working hours/day | 8 | | |
| 23. | No. of worker | 52 | | |
| 24. | No. of vehicles movement/day | 08 | | |
| 25. | Type of Land | Revenue land | | |
| 26. | Ultimate of Depth of Mining | upto 327mRL | | |
| 27. | Nearest metalled road from site | 820m | | |
| 28. | Water Requirement | PURPOSE | | REQUIREMENT (KLD) |
| | | Drinking | | 0.52KLD |
| | | Suppression of dust | | 3.28 KLD |
| | | Plantation | | 0.6 KLD |
| | | Others (if any) | | - |
| | | Total | | 4.4 KLD |
| 29. | Monitoring season | March 2022 to may 2022 | | |
| 30. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024 | | |
| 31. | Any litigation pending against the project or land in any court | No | | |
| 32. | Details of 500 m Cluster Certificate verified by Mining Officer | vide letter no. 730/30-mines/2021-22 | | |
| 33. | Details of Lease Area in approved DSR | 2.023 ha. | | |

| | | |
|-----|---------------------------------|-----------------------------------|
| 34. | Proposed CER cost | Rs. 2.4 Lakhs |
| 35. | Proposed EMP cost | Total project cost- Rs. 1.2 Crore |
| 36. | Length and breadth of Haul Road | 820m & 6m |
| 37. | No. of Trees to be Planted | 300 |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 07

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
7. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
8. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
9. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

8. Building Stone (Khanda-Boulder/Gitti-Ballast) Mining at Araj/Gata no.- 2/1, Village-Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, U.P., developed by Shri Harjit Singh, (Leased Area-1.073 ha.)File No. 6929/Proposal No. SIA/UP/MIN/72133/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Green Enviro Engineers Pvt. Ltd, Kanpur. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have

emerged: -

1. The terms of reference is sought for “ Building Stone (Khanda-Boulder/Gitti-Ballast) Mining at Araji/Gata no.- 2/1, Village-Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, U.P., (Leased Area- 1.073 ha.).
2. Salient features of the project as submitted by the project proponent:

| | | | |
|-----|---|--|-------------------|
| 1. | On-line proposal No. | SIA/UP/MIN/72133/2022 | |
| 2. | File No. allotted by SEIAA, UP | 6929 | |
| 3. | Name of Proponent | Shri Harjit Singh | |
| 4. | Full correspondence address of proponent and mobile no. | Shri Harjit Singh | |
| | | R/o 526, Civil line, Kachahari road, Lalitpur. | |
| | | Mobile no.- | |
| | | E-mail Id- harjitsingh541818@gmail.com | |
| 5. | Name of Project | Building Stone (Khanda-Boulder/Gitti-Ballast) Mining Village –Lakhanpura, Tehsil- Lalitpur, District–Lalitpur, Uttar Pradesh | |
| 6.. | Project Location (Plot.Khasra/Gata No.) | Gata No. – 2/1, Village –Lakhanpura, Tehsil-Lalitpur, District–Lalitpur, Uttar Pradesh | |
| 7. | Name of River | NA | |
| 8. | Name of Village | Lakhanpura | |
| 9. | Tehsil | Lalitpur | |
| 10. | District | Lalitpur | |
| 11. | Name of Minor Mineral | Building Stone (Khanda-Boulder/Gitti-Ballast) Mining | |
| 12. | Sanctioned Lease Area (in Ha.) | 1.073 ha. | |
| 13. | Max. & Min mRL within lease area | Highest mRL is 351.8 & Lowest is 347.4mRL | |
| 14. | Pillar Coordinates (Verified by DMO) | Pillar | N |
| | | A | 24° 51'14.70"N |
| | | B | 24° 51'16.30"N |
| | | C | 24° 51'21.00"N |
| | | D | 24° 51'21.40"N |
| | | E | 24° 51'17.20"N |
| | | F | 24° 51'15.30"N |
| 15. | Total Geological Reserves | 471828 m ³ | |
| 16. | Total Mineable Reserve (as per Approved Mine Plan) | 138672 m ³ | |
| 17. | Total Proposed Production (In 5 Years) | 80475 m ³ (In 5 Years) | |
| 18. | Proposed Production/year | 16095 m ³ /year | |
| 19. | Sanctioned Period of Mine lease | 20 years | |
| 20. | Method of Mining | Opencast, Semi-Mechanized | |
| 21. | No. of working days | 300 | |
| 22. | Working hours/day | 8 | |
| 23. | No. of worker | 52 | |
| 24. | No. of vehicles movement/day | 05 | |
| 25. | Type of Land | Revenue land | |
| 26. | Ultimate of Depth of Mining | upto 327mRL | |
| 27. | Nearest metalled road from site | 300m | |
| 28. | Water Requirement | PURPOSE | REQUIREMENT (KLD) |
| | | Drinking | 0.52KLD |
| | | Suppression of dust | 1.2 KLD |
| | | Plantation | 0.6 KLD |
| | | Others (if any) | - |
| | | Total | 2.32 KLD |
| 29. | Monitoring season | March 2022 to May 2022 | |
| 30. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024 | |

| | | |
|-----|---|--------------------------------------|
| 31. | Any litigation pending against the project or land in any court | No |
| 32. | Details of 500 m Cluster Certificate verified by Mining Officer | vide letter no. 696/30-mines/2021-22 |
| 33. | Details of Lease Area in approved DSR | 1.073 ha. |
| 34. | Proposed CER cost | Rs. 2.0 Lakhs |
| 35. | Proposed EMP cost | Total project cost- Rs. 1.0 Crore |
| 36. | Length and breadth of Haul Road | 300m & 6m |
| 37. | No. of Trees to be Planted | 300 |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 08

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Project proponent informed that this lease has been already operated by him in the past. Now the lease has been again granted in favour of project proponent. Hence, the project proponent should submit the certified compliance report for the earlier environmental clearance at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
3. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
4. Combined KML of all mines in a cluster should be submitted at the time of EIA.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
7. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
8. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
9. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
10. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

9. Sand/Morrum Mining at Araj/Gata no.- 598, Village-Nadanwara, Tehsil-Lalitpur, District-Lalitpur, U.P., developed by Shri Nitesh Kumar jain, (Leased Area-7.179 ha.)File No. 6930/Proposal No. SIA/UP/MIN/72143/2022

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Green Enviro Engineers Pvt. Ltd, Kanpur. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “ Sand/Morrum Mining at Araj/Gata no.- 598, Village-Nadanwara, Tehsil-Lalitpur, District-Lalitpur, U.P., (Leased Area-7.179 ha.)
2. Salient features of the project as submitted by the project proponent:

| | | | | |
|-----|---|--|---------------|---------------|
| 1. | On-line proposal No. | SIA/UP/MIN/72143/2022 | | |
| 2. | File No. allotted by SEIAA, UP | 6930 | | |
| 3. | Name of Proponent | Shri Nitesh Kumar jain | | |
| 4. | Full correspondence address of proponent and mobile no. | Shri Nitesh Kumar jain | | |
| | | R/o 463, Near Risala Mandir, Azadpura, Lalitpur. | | |
| | | Mobile no.- | | |
| | | E-mail Id- niteshjain5418@gmail.com | | |
| 5. | Name of Project | Sand/Morrum Mining Village –Nadanwara, Tehsil- Lalitpur, District–Lalitpur, Uttar Pradesh | | |
| 6. | Project Location (Plot.Khasra/Gata No.) | Gata No. – 598, Village –Nadanwara, Tehsil-Lalitpur, District–Lalitpur, Uttar Pradesh | | |
| 7. | Name of River | NA | | |
| 8. | Name of Village | Nadanwara | | |
| 9. | Tehsil | Lalitpur | | |
| 10. | District | Lalitpur | | |
| 11. | Name of Minor Mineral | Sand/Morrum Mining | | |
| 12. | Sanctioned Lease Area (in Ha.) | 7.179 ha. | | |
| 13. | Max. & Min mRL within lease area | Highest mRL is 332.1 & Lowest is 330.9mRL | | |
| 14. | Pillar Coordinates (Verified by DMO) | Pillars | Latitude | Longitude |
| | | A | 24°47'32.30"N | 78°27'32.30"E |
| | | B | 24°47'37.10"N | 78°27'34.90"E |
| | | C | 24°47'38.60"N | 78°27'42.20"E |
| | | D | 24°47'51.60"N | 78°27'52.70"E |
| | | E | 24°48'06.60"N | 78°28'07.60"E |
| | | F | 24°48'06.30"N | 78°28'09.20"E |
| | | G | 24°47'37.50"N | 78°27'42.40"E |
| | | H | 24°47'35.70"N | 78°27'35.70"E |
| | | I | 24°47'32.00"N | 78°27'33.50"E |
| 15. | Total Geological Reserves | 35895 m ³ | | |
| 16. | Total Mineable Reserve (as per Approved Mine Plan) | 17948 m ³ | | |
| 17. | Total Proposed Production (In 5 Years) | 89740 m ³ (In 5 Years) | | |
| 18. | Proposed Production/year | 17948 m ³ /year | | |
| 19. | Sanctioned Period of Mine lease | 05 years | | |
| 20. | Method of Mining | Opencast, Semi-Mechanized | | |
| 21. | No. of working days | 250 | | |
| 22. | Working hours/day | 8 | | |
| 23. | No. of worker | 52 | | |
| 24. | No. of vehicles movement/day | 06 | | |
| 25. | Type of Land | Revenue land | | |
| 26. | Ultimate of Depth of Mining | 0.5m | | |
| 27. | Nearest metalled road from site | 650m | | |

| | | | |
|-----|---|---|-------------------|
| 28. | Water Requirement | PURPOSE | REQUIREMENT (KLD) |
| | | Drinking | 0.52KLD |
| | | Suppression of dust | 2.6 KLD |
| | | Plantation | 1.0 KLD |
| | | Others (if any) | - |
| | | Total | 4.12 KLD |
| 29. | Monitoring season | March 2022 to may 2022 | |
| 30. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Green Enviro Engineers Pvt. Ltd. Certificate no. NABET/EIA/2124/IA0086 Valid Till September 20,2024 | |
| 31. | Any litigation pending against the project or land in any court | No | |
| 32. | Details of 500 m Cluster Certificate verified by Mining Officer | vide letter no. 698/30-mines/2021-22 | |
| 33. | Details of Lease Area in approved DSR | 7.179 ha. | |
| 34. | Proposed CER cost | Rs. 1.86 Lakhs | |
| 35. | Proposed EMP cost | Total project cost- Rs. 93 Lakhs | |
| 36. | Length and breadth of Haul Road | 650m & 6m | |
| 37. | No. of Trees to be Planted | 1000 | |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 09

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at Annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. NOC from Irrigation Department regarding river bed mining to be submitted at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc.
3. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigative measures for any critical issues involved in the project.
4. Combined KML of all mines in a cluster should be submitted at the time of EIA.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
7. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.

8. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
9. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
10. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.

10. Establishment of 60 KLD (Ethanol Plant) Grain / Molasses Based Distillery along with 2.0 MW of Co- Generation Power Plant at Village: Mahaich Par, Tehsil: Bhatpar Rani, Deoria, M/s Purvanchal Distillery Pvt. Ltd., File No. 6956/Proposal No. SIA/UP/IND2/69561/2022

RESOLUTION AGAINST AGENDA NO-10

The project proponent/consultant did not appear. The committee discussed and deliberated that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

(Dr. Ajai Mishra)
Member

(Om Prakash Srivastava)
Member

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Rajive Kumar)
Chairman

Mohd. Rahib, Assistant Director

MoM prepared by Secretariat in consultation with
Chairman & Members on the basis of decisions
taken by SEAC-1 during the meeting.

Annexure-1

Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.

- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.

- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.

- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 45) Besides the above, the below mentioned general points are also to be followed:-
- a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
 - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
 - j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.