

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

The 324th meeting of the State Expert Appraisal Committee (SEAC) was held on 19th August, 2018 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Shri Prasant Srivastava, Member.
4. Dr. Jai Prakash Shukla, Member.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

- 1. Case No.-3769/15 Shri Sanjiv Beri, (Owner), Managing Director, M/s S.N.S. (Minerals) Ltd., NH-7, Rewa Road, P.O. Maihar, District-Satna (MP)-485771. Prior Environment Clearance for approval of Limestone and Dolomite Mine in an area of 3.50 ha. (production capacity 88,710 TPA) at Khasra No.-514, 517, 518, 532, Village-Jamuwani Kala, Tehsil-Vijayraghgarh, District-Katna (MP).**

This is case of Limestone and Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-514, 517, 518, 532, Village-Jamuwani Kala, Tehsil-Vijayraghgarh, District-Katni (MP) 3.50 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled in the 79th SEAC-II meeting dated 13/06/2017 wherein it was recorded that: The case was presented by the PP and their consultant for the TOR in the 241st SEAC Meeting dated: 06/11/2015. After deliberations, committee recommends to issue standard TOR prescribed by the MoEF&CC with following additional TORs:-

1. Since the forest boundary is only 416 meters away from the lease area, the PP should address the possible impacts of this mining activity in EIA and the proposed mitigation plan in the EMP.
2. Issue of shifting of high tension line (if any) should be addressed in the EIA with supporting documents.
3. Details of afforestation done till date should be provided in EIA with supporting photographs.
4. Details of compliance made by the PP of consent conditions issued by the M. P. Pollution Control Board should be provided in EIA.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

PP vide letter dated 01/03/2017 has submitted Revised Form-I and PFR along with necessary annexure for reduction in production Capacity from 88,710 TPA to 68,228 TPA which was forwarded through SEIAA vide letter no. 5484 dated 07/03/2017. Based on above case was discussed for Revised TOR for this Production Capacity from 88, 710 TPA to 68,228 TPA as per the quantity sanctioned in the approved mine plan. After deliberations, committee recommends to issue standard TOR prescribed by the MoEF&CC with following additional TORs as per the recommendations of 241st SEAC meeting dated: 06/11/2015:-

1. Since the forest boundary is only 416 meters away from the lease area, the PP should address the possible impacts of this mining activity in EIA and the proposed mitigation plan in the EMP.
2. Issue of shifting of high tension line (if any) should be addressed in the EIA with supporting documents.
3. Details of afforestation done till date should be provided in EIA with supporting photographs.
4. Details of compliance made by the PP of consent conditions issued by the M. P. Pollution Control Board should be provided in EIA.

PP vide letter dated 23/05/2018 has submitted the EIA report, which was forwarded through SEIAA vide letter no. 1002 dated 14/06/2018.

1. Name of the project & its location

Name of the project:- Jamuani kala Limestone & Dolomite Mine

Location:- Khasra no.-514, 517, 518, 532, Jamuani Kala, Tehsil- Vijayraghgarh,
District- Katni, Madhya Pradesh.

2. Name of the Company, Address Tele No. & E-mail :

Name of the applicant/lessee:-

M/s S.N.S (Minerals) Limited

P.O. Maihar, Dist. Satna (M.P.)

Pin code-485771, Phone-07674-232089

Latitude and Longitude of the project

2.

| Pillar No. | Latitude | Longitude |
|-------------------|-----------------|------------------|
| 1. | 24°7'4.1" | 80°43'44.7" |
| 2. | 24°6'53.74" | 80°43'44.44" |
| 3. | 24°6'51.53" | 80°43'44.55" |

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| | | |
|-----------|------------|--------------|
| 4. | 24°6'50.1" | 80°43'39.5" |
| 5. | 24°7'0.03" | 80°43'40.33" |

4. If a Joint venture, the names & addresses of the JV partners including their share

Not applicable

5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.

Nature of proposal- New

Total area- 3.50 ha

Project components-

| Aspects | Details |
|--------------------------------|--|
| Total Area | 3.50 Ha |
| Proposed capacity | 68,228 TPA |
| Reserve/ Resource of Limestone | Probable Mineral Reserve = 4,91,112 tonne. Pre Feasibility Mineral Resource = 6,50,514 tonne. |
| Technology | Opencast other than fully mechanized. |
| Life of the mine | 8 years |
| Topo-sheet No | 63 D/12 |
| Man power | 54 |
| Water requirement | 11.5 KLD |
| Project cost | Rs. 1.0 Crore |

Site Connectivity-

| | |
|--------------------------|---|
| Nearest Town | Maihar, approx. 17 km towards NE direction. |
| Nearest Railway Station | Bhadanpur Railway Station, approx. 7.5 km towards NW direction. |
| Nearest National Highway | NH-7, approx. 8.0 km towards NW Direction |

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| | |
|-----------------|--|
| Nearest Airport | Jabalpur Airport, approx. 124 Km towards NW direction. |
|-----------------|--|

6. Whether the project is in the Critically Polluted Area (CPA): No

7. Cost of the project: Cost of the project is Rs. 1.0 Crore

8. Employment generated/to be generated: About 54 people will be given direct employment

| Person to be employed | Number of Person |
|-----------------------|------------------|
| Mining Engineer | 1 |
| Geologist | 1 |
| Mines Foreman | 1 |
| Mine Mate cum blaster | 1 |
| Skilled | 10 |
| Semi Skilled | 15 |
| Unskilled | 25 |
| Total | 54 |

9. Benefits of the project:

Benefits of the project are as follow:-

Improvement in the Physical Infrastructure -

- Building/strengthening of existing roads in the area.
- Development of educational facilities for the community
- Arrangement of drinking water to the villages,
- Extending health care

Improvement in the Social Infrastructure-

- Generation of employment.
- Increment in revenue to the State by way of royalty,
- Improvement in standard of living.

10. Whether new or expansion project .If expansion: i from MT to MT ii What is the % of expansion

New

11. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006. 1

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

Not applicable

12.If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF

Not applicable

13.No. and Date of the ToR /and revised ToR, if any, letter issued by the authority.

TOR – issued on 05.12.2015. Vide letter no. 2069/PS- MS/MPPCB/SEAC/TOR/(241)/2015 Case no. - 3769/15
Revised TOR - letter no.-417/PS-MS/MPPCB/SEAC-II/M/TOR(79)/2017 Bhopal dated 21.06.2017.

14. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)

Not applicable

15.If the project was considered in EAC, Pl. gives dates of the meeting (s).

No

16.Type of Mine: (Open cast/Underground/mixed):

Open cast

17.Capacity of the mine applied for

Proposed Capacity of mine - 68,228 TPA of Limestone

18. ML Area i. As per block allotment ii. As per approved mine plan

As per approved mine plan

19.Date of approval of mine plan, mine closure plan, status & date

Approval of Mining scheme- vide Letter No. M.P./Katni/Limestone/M-Scheme-09/14-15 on date 19.06.2014

20.Date of Board's approval:

Not applicable

21.Date of Ground water clearance:

NOC from gram panchayat has been taken from village Jamuani Kalan, Katni dated 05/08/2015.

22.Date of mine closure approval

Mine closure approval date - 19.06.2014

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

23. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.

Budget for EMP

| Sl. | Measures | Capital cost (in Rs.) | Annual recurring cost (in Rs.) |
|-------|---|--------------------------|--|
| | | Proposed | Proposed |
| 1 | Dust suppression (Over head Sprinkler and water tanker) | 8,00,000 | 1,00,000 |
| 2 | Garland drain, bund & Settling Tank (The size of the drain will be 900 m x 2 m x 1.5m. The settling tank will be two in number of size 30 m in length, 6-10 m in width and 3m in depth separated into two chambers. The size of the sump will be 20 m x 10 m x 2m.) | 1,50,000 | 50,000 |
| 3 | Afforestation | -- | 3,00,000 |
| 4 | Construction & Maintenance of Road to Mine | 2,25,000 | 2,25,000 |
| 5 | Pollution Monitoring (Will be done on six monthly basis) | -- | Air- 50,000, Water-25,000 Noise- 5,000 |
| Total | | 11,75,000/- | 7,55,000/- |

CER budget

| S. No | Activities | fund in lakhs/ year (Capital Cost in lakh) | fund in lakhs/ year (Recurring Cost in lakh) |
|-------|---|--|--|
| 1 | Health awareness and camps for local community in village | 0.5 | 0.5 |

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| | | | |
|---|--|------------|------------|
| | Khirwa & Jamuani kalan | | |
| 2 | Distribution of Mosquito nets and blanket to 50 poor people. in village Khirwa & Jamuani kalan | 0.5 | 0.5 |
| 3 | Drinking water facility in village Khirwa & Jamuani kalan (1 hand pump and Tank) | 3.0 | 1,0 |
| | TOTAL | 5.0 | 2.0 |

24. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.

Plantation to be done

| Year | Total No. of saplings | Area covered during the year | |
|-------------------|-----------------------|------------------------------|--|
| | | ML Area Nos. /Area (sqm) | No. Along the Transportation Route and inside ML area/village area |
| First | 1100 | 600/6000 | 500 |
| Second | 500 | Nil | 500 |
| Third | 650 | 150/1500 | 500 |
| Fourth | 450 | 150/1500 | 300 |
| Fifth | 150 | 150/1500 | - |
| Conceptual Period | 650 | 650/6500 | - |
| Total | 3500 | 1700/17000 | 1800 |

Species Suggested for Plantation

| S. No. | Species proposed | Number to be planted |
|--------|------------------|----------------------|
| 1 | Mahua | 300 |
| 2 | Bel | 100 |
| 3 | Neem | 300 |
| 4 | Bamboo | 200 |
| 5 | Dalbergia sissoo | 300 |
| 6 | Gulmohar | 200 |
| 7 | Amla | 500 |
| 8 | Peepal | 400 |

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| | | |
|--------------|--------|------|
| 9 | Mango | 200 |
| 10 | Jamun | 200 |
| 11 | Semal | 200 |
| 12 | Karani | 300 |
| 13 | Khamer | 300 |
| Total | | 3500 |

25. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.

| Particulars | Distance/ direction |
|----------------------|-----------------------|
| Jarjarar Nalla | Approx. 1 km, West |
| Chakhdhai Nalla | Approx. 6 km, South |
| Kalindri Nala | Approx. 6.0 km, West |
| Domna Nalla | Approx. 9.0 km, SE |
| Tons or Tamasa River | Approx. 7.0 km, South |

After detail discussion, committee has asked the PP to submit the following information:

1. Details regarding proposed drilling methods.
2. Details of RL wise depth of top soil, sub soil and Limestone.
3. Revised budget for occupational health and frequency.
4. Revised EMP budget.
5. Commitment from PP to prepare compacted haul road and transportation road shall be made pucca. (Tar road).

PP has submitted the response of above quarries vide letter dated 19.08.2018 which was placed before the committee and the same found satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for approval of Limestone and Dolomite Mine in an area of 3.50 ha. (Production capacity 68,228 TPA) at Khasra No.-514, 517, 518, 532, Village-Jamuwani Kala, Tehsil-Vijayraghgarh, District-Katna (MP), subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.

3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

9. Control Blasting shall be carried out.
10. No explosive will be stored at mine site.
11. Overcharging of the drill hole during shot firing should be avoided.
12. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
13. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 3500 nos of trees will be planted along and within the ML.
14. Transportation of material shall be done in covered vehicles.
15. Transportation of minerals shall not be carried out through forest area.
16. The OB as basalt shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
17. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 900 m x 2 m x 1.5m. The settling tank will be two in number of size 30 m in length, 6-10 m in width and 3m in depth separated into two chambers. The size of the sump will be 20 m x 10 m x 2m shall be provided for proper sedimentation.
18. For dust suppression over head Sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
19. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular desilting of drains and pits should be carried out.
20. The existing and proposed land use plan of the mine is as follows:

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| SI. No | Description | Area (ha) | % |
|--------------|------------------------|-----------------|------------|
| 1 | Agricultural Land | 28873.82 | 89.0 |
| 2 | Open Scrub | 2360.53 | 7.28 |
| 3 | River | 36.87 | 0.113 |
| 4 | River with dry channel | 96.13 | 0.29 |
| 5 | Forest | 96.31 | 0.297 |
| 6 | Open Scrub | 2360.53 | 7.28 |
| 7 | Settlements | 817.68 | 2.52 |
| Total | | 32414.24 | 100 |

21. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
22. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
23. The commitments made in the public hearing are to be fulfilled by the PP.
24. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
25. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

26. The proposed EMP cost is Rs. 11.75 lacks and Rs. 7.55 lacks /year are proposed as capital and recurring expenses respectively out of which Rs. 3.0 lacks/year is proposed for green belt development inclusive of green belt along transport road and Rs. 2.25 lacks capital and 2.25 lacks /year for recurring expenses for construction and maintenance of road to mine proposed in the EMP of this project.
27. Under CSR activity, Rs. 4.00 lacks and Rs. 2.00 lacks /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
28. Separate budget of Rs. 0.50 lakh shall be spent on Health awareness and camps for local community in village Khirwa & Jamuani kalan.

29. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 30. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
 31. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 32. PP will comply with all the commitments made vide letter dated 19.08.2018.
 33. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
2. **Case No. 3753/15 Shri SanjivBeri, M/s S.N.S. (Minerals) Ltd., ZNH-7, Rewa Road, P.O. Maihar, District-Satna (MP)-485771. Prior Environment Clearance for approval of Bhatoora Limestone Mine in an area of 4.047 ha. (production capacity 73,490 TPA) at Khasra No.-39/1, Village-Bhatoora, Tehsil-Maihar, District-Satna (MP).**

This is case of **Bhatoora Limestone Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-39/1, Village-Bhatoora, Tehsil-Maihar, District-Satna (MP) 4.047Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in the 240th SEAC meeting dated 05/11/2015. After deliberations, committee decided to issue standard TOR as prescribed by the MoEF&CC with following additional TOR's:-

1. Detailed evacuation plan be discussed in the EIA.
2. Detailed plantation scheme be submitted with EIA.
3. Cumulative impacts of existing mines be studied and same should be addressed in the EIA with mitigation plan.

PP vide letter dated 15/06/2018 has submitted the EIA report, which was forwarded through SEIAA vide letter no. 1029 dated 20/06/2018.

1. Name of the project & its location

Name of the project:- Bhatoora Lime Stone Mine

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

Location:- Khasra no.-39/1, Bhatoora, Tehsil- Maihar, District- Satna, Madhya Pradesh.

2. Name of the Company, Address Tele No. & E-mail :

Name of the applicant/lessee:- M/s S.N.S (Minerals) Limited

P.O. Maihar, Dist. Satna (M.P.)

Pin code-485771,Phone-07674-232089

3. Latitude and Longitude of the project

| Pi llar No. | Latitude | Lon gitude |
|----------------|----------|------------------|
| 1. 66" | 24°5'30. | 80°4 0'21.71" |
| 2. 5" | 24°5'36. | 80°4 0'37.7" |
| 3. 37" | 24°5'31. | 80°4 0'38.23" |
| 4. 6" | 24°5'28. | 80°4 0'20.9" |

4. If a Joint venture, the names & addresses of the JV partners including their share

Not applicable

5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.

Nature of proposal- New

Total area- 4.047 ha

Project components-

| Aspects | Details |
|--------------------------------|---|
| Total Area | 4.047 Ha |
| Proposed capacity | 73,490 TPA of Limestone |
| Reserve/ Resource of Limestone | Probable Mineral Reserve (121)-57,702 tones Probable Mineral Reserve (122)- 3,90,611 tones |
| Technology | Opencast other than fully mechanized. |
| Life of the mine | 4 years |

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| | |
|-------------------|---------------|
| Topo-sheet No | 63 D/12 |
| Man power | 85 |
| Water requirement | 13 KLD |
| Project cost | Rs. 1.0 Crore |

Site Connectivity-

| | |
|--------------------------|--|
| Nearest Town | Maihar, approx. 20.5 km towards NNE direction. |
| Nearest Railway Station | Amdara Railway Station, approx. 8.5 km towards West direction. |
| Nearest National Highway | NH-7, approx. 7.5 km towards NW Direction |
| Nearest Airport | Jabalpur Airport, approx. 116 Km towards SSW direction. |

6. Whether the project is in the Critically Polluted Area (CPA): No

7. Cost of the project : Cost of the project is Rs. 1.0 Crore

8. Employment generated/to be generated: About 85 people will be given direct employment

| Person to be employed | Number of Person |
|------------------------------|-------------------------|
| Mining Engineer | 1 |
| Geologist | 1 |
| Mines Foreman | 1 |
| Skilled | 2 |
| Semi Skilled | 5 |
| Unskilled | 75 |
| Total | 85 |

9. Benefits of the project:

Benefits of the project are as follow:-

Improvement in the Physical Infrastructure -

- Building/strengthening of existing roads in the area.
- Development of educational facilities for the community
- Arrangement of drinking water to the villages,
- Extending health care

Improvement in the Social Infrastructure-

- Generation of employment.
- Increment in revenue to the State by way of royalty,
- Improvement in standard of living.

10. Whether new or expansion project .If expansion: i from MT to MT ii What is the % of expansion -New

11.If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006. 1

Not applicable

12.If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF

Not applicable

13.No. and Date of the ToR /and revised ToR, if any, letter issued by the authority.

TOR – 1929/PS-MS/MPPCB/SEAC/TOR (240)/2015 dated 05/12/2015.

14. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)

Not applicable

15.If the project was considered in EAC, Pl. gives dates of the meeting (s). No

16.Type of Mine: (Open cast/Underground/mixed): Open cast

17.Capacity of the mine applied for Proposed Capacity of mine - 73,490 TPA of Limestone

18. ML Area i. As per block allotment ii. As per approved mine plan -As per approved mine plan

19.Date of approval of mine plan, mine closure plan, status & date Approval of Mining plan - vide Letter No. M.P./Satna/Limestone/Mining Plan/R-15/04-05 on date 22.12.2004

Approval of Mining scheme- vide Letter No. M.P./Satna/Limestone/M-Sch-82/12-13, Jabalpur on date 17.06.2013

20.Date of Board's approval:

Not applicable

21.Date of Ground water clearance:

NOC from gram panchayat has been taken from village Rampur Bhatoorai, Satna dated 28/06/2015.

22.Date of mine closure approval Mine closure approval date - 17.06.2013

23.Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

Budget for EMP

| Sl. No. | Measures | Capital cost (in Rs.) | Annual recurring cost (in Rs.) |
|---------|--|--------------------------|---|
| | | Proposed | Proposed |
| 1 | Dust suppression (Over head Sprinkler) | 3,00,000 | 1,00,000 |
| 2 | Garland drain, bund & Settling Tank (The size of the Garland drain will be 1100 m x 2 m x 1.5 m, The settling tank will be two in number of size 30 m in length, 6-10 m in width and 3m in depth separated into two chambers.) | 2,00,000 | 50,000 |
| 3 | Afforestation | -- | 3,25,000 |
| 4 | Construction & Maintenance of Road to Mine | 1,25,000 | 1,25,000 |
| 5 | Pollution Monitoring (Will be done on six monthly basis) | -- | Air- 50,000, Water-25,000 Noise- 5,000, |
| Total | | 6,25,000 | 6,80,000 |

CER budget

| S. No | Activities | fund in lakhs/ year (Capital Cost in lakh) | fund in lakhs/ year (Recurring Cost in lakh) |
|--------------|---|--|--|
| | Health awareness and camps for Nasha Mukti (Drugs addiction) in village Bhatoora, Padrehi & Gonrwal. | 1.0 | 0.5 |
| | Providing Computer in the Higher Secondary school in village Bhatoora, Padrehi & Gonrwal. along with a instructor | 1.0 | -- |
| | Drinking water facility in village Bhatoora, Padrehi & Gonrwal. (1 hand pump and Tank) | 1.5 | 1.5 |
| | Aid in community hall | 1.5 | |
| TOTAL | | 5.0 | 2.0 |

24. Numbers of plantation with name of species proposed & area allocated for plantation with

| Name | No. |
|-------------------|------|
| Neem | 600 |
| Kachnar | 300 |
| Mahua | 300 |
| Mango | 550 |
| Karanj | 200 |
| Shisham | 400 |
| Gulmohar | 200 |
| Bamboo | 300 |
| Tendu | 200 |
| <i>Eucalyptus</i> | 100 |
| Amla | 500 |
| Peepal | 400 |
| Total | 4050 |

**Species
Suggested
for
Plantation**

25. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.

| Particulars | Distance from the ML Boundary (in km) & Direction from the ML Boundary |
|----------------|--|
| Tamas River | about 5.5 km towards NW direction |
| Chakdhai Nalla | About 10 km towards East direction. |
| Jhapawan Nalla | about 6.0 km towards South direction |
| Jarjarar Nalla | about 6.0 km towards ESE direction. |

Budgetary provisions. Plantation to be done

| Year | Plantation during the year (No. of saplings) | Area covered during the year | | Transportation route/ village |
|-------------|--|------------------------------|----------------------------|-------------------------------|
| | | BF Area Nos. /Area (sqm) | Green belt Nos. Area (sqm) | |
| First Year | 1300 | Nil | 300/3000 | 1000 |
| Second Year | 1700 | Nil | 350/3470 | 1350 |
| Conceptual | 1050 | 1050/10500 | Nil | Nil |

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| | | | | |
|--------|------|------------|----------|------|
| Period | | | | |
| Total | 4050 | 1050/10500 | 650/6470 | 2350 |

In this meeting after detail discussion, committee has asked the PP to submit the following information:

1. Details regarding proposed drilling methods.
2. Details of RL wise depth of top soil, sub soil and Limestone.
3. Revised budget for occupational health and frequency.
4. Revised EMP budget.
5. Commitment from PP to prepare compacted haul road and transportation road shall be made pucca. (Tar road).
6. Year wise final closure plan with cost shall be submitted.

PP has submitted the response of above quarries vide letter dated 19.08.2018 which was placed before the committee and the same found satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for **approval of Bhatoora Limestone Mine in an area of 4.047 ha. (production capacity 73,490 TPA) at Khasra No.-39/1, Village-Bhatoora, Tehsil-Maihar, District-Satna (MP)**, subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Maintain haul road and this will be compacted regularly and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

9. Control Blasting shall be carried out.
10. No explosive will be stored at mine site.
11. Overcharging of the drill hole during shot firing should be avoided.
12. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
13. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 2350 nos of trees will be planted on 1.697 ha including barrier zone and Backfilled area.
14. Transportation of material shall be done in covered vehicles.
15. Transportation of minerals shall not be carried out through forest area.
16. The OB as basalt shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
17. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 1100 m x 2 m x 1.5 m. The sump will be prepared at lowest level in quarry and will be de silted at regular interval for proper sedimentation.
18. For dust suppression over head Sprinkler through water tankers should be provided on transport road for dust suppression.
19. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
20. The existing and proposed land use plan of the mine is as follows:

| SI. No | Description | Area (ha) | % |
|---------------|--------------------|------------------|----------|
| 1 | Agriculture | 18196.63 | 55.81 |
| 2 | Open land | 663.3 | 2.03 |
| 3 | Water Bodies | 141.7 | 0.43 |
| 4 | Vegetation | 53.48 | 0.16 |
| 5 | Forest | 10502.09 | 32.21 |

| | | | |
|--------------|-------------|--------------|------------|
| 6 | Open Scrub | 2071.62 | 6.35 |
| 7 | Settlements | 972.18 | 2.98 |
| Total | | 32601 | 100 |

21. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
22. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
23. The commitments made in the public hearing are to be fulfilled by the PP.
24. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
25. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

26. The proposed EMP cost is Rs. 6.25 lacks and Rs. 6.80 lacks /year are proposed as capital and recurring expenses respectively out of which Rs. 3.25 lacks/year is proposed for green belt development inclusive of green belt along transport road and Rs. 1.25 lacks capital and 1.25 lacks /year for recurring expenses for construction and maintenance of road to mine proposed in the EMP of this project.
27. Under CSR activity, Rs. 5.00 lacks and Rs. 2.00 lacks /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
28. Separate budget of Rs. 1.00 lakh shall be spent on Health awareness and camps for local community in village Bhattoora, Padrehi & Gonrwal.
29. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
30. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
31. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
32. PP will comply with all the commitments made vide letter dated 19.08.2018.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

33. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
3. **Case No. 5311/16 M/s Savitri Minerals, House No. 241/1, Saket Nagar, Jabalpur - 482002 (MP) Prior Environment Clearance for Bauxite, Laterite & Fire Clay Mine in an area of 8.094 ha. (Expansion from 5,500 TPA to 1,00,000 TPA) at Khasra No. 402 P (New) 144/2 (Old) at Village-Tikariya , Tehsil - Mudwara, Dist. Katni (MP) (TOR-45 meeting)**

This is case of Bauxite, Laterite & Fire Clay Mine for expansion in production capacity. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 402 P (New) 144/2 (Old) at Village-Tikariya, Tehsil - Mudwara, Dist. Katni (MP). The project requires prior EC before commencement of any activity at site.

SALIENT FEATURES OF THE PROJECT

| Particulars | Details | | |
|----------------------------------|---|------------------|-------------------|
| Project Name | Tikariya Bauxite, Laterite & Fire clay Mine | | |
| LOCATION | | | |
| Village | Tikariya | | |
| Tehsil | Katni | | |
| District | Katni | | |
| State | Madhya pradesh | | |
| Mining Lease Area & Type of Land | 8.094 Ha & Waste Land | | |
| Name of Mineral to be mined out | Bauxite, Laterite & Fire clay | | |
| Latitude | 23°43'51.3" N to 23°44'0.6" N | | |
| Longitude | 80°23'57.1" E to 80°24'11.3" E | | |
| Toposheet No. | 64A/6 | | |
| Mineable Reserve | Type of Reserve | Bauxite (Tonnes) | Laterite (Tonnes) |
| | Proved Mineral Reserve | 258368 | 69293 |
| | Probable Mineral Reserve | 90963 | 61784 |
| | Total | 349331 | 131077 |

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| | |
|-------------------------------------|--|
| Capacity | 100,000 TPA of Bauxite, Laterite & Fire clay Mine & 70 TPD Screening and Scrubbing unit. |
| Estimated Project Cost | 90 Lakhs |
| Highest and Lowest Elevation | Highest elevation – 486 m R.L. towards NW Lowest elevation – 470 m R.L. towards East |
| Ultimate Depth of Mining | 10 Meter bgl |
| Nearest Habitation/Town | Town : Katni at 12 Km in South Direction |
| Nearest Railway Station | Niwar Railway Station about 4.0 km in SW Direction. |
| SOM Approval by IBM | Scheme of Mining Approved by IBM on 28/11/2015. |

LOCATION OF THE PROJECT

Village-Tikariya Tehsil-Katni

District-Katni

State-Madhya-Pradesh

| Khasra No. – | Area | Ownership/ Occupancy |
|-------------------------|-------------|-----------------------------|
| 402 P (New), 144/2(Old) | 8.094 Ha | Government Land |

Break-Up of Land Utilization Pattern (Area in Ha)

| Sl.No. | Particular | Existing | 5th Year end | Mine life end |
|---------------|---|-----------------|--------------------------------|----------------------|
| 1. | Total area excavated (broken) | 3.0 | 3.17 | 6.90 |
| 2. | Area fully mined out (out of 1) | 0.21 | 0.21 | 6.90 |
| 3. | Area fully reclaimed (Backfilled out of 2) | 0 | 0.21 | 6.90 |
| 4. | Area rehabilitated out of 3 by afforestation | 0 | 0.21 | 6.90 |
| 5. | Area reclaimed by water harvesting | NIL | Nil | Nil |
| 6. | Area under Dump | 1.5 | 1.605 | Nil |
| 7. | Area under active Dump | Nil | 0.105 | Nil |
| 8. | Area under mineral stack | Nil | Nil | Nil |
| 9. | Area under Road | 0.10 | 0.10 | Nil |
| 10. | Area under Green belt | 0.10 | 1.194 | 1.194 |
| 11. | Area under infrastructure | Nil | 0.10 | Nil |
| 12 | Protective Bund and Drain | Nil | 0.25 | Nil |

The case was presented by the PP and their consultant for TOR for expansion in production capacity.

The case was presented by the PP and their consultant in the 45th SEAC-II meeting dated 09/08/2016, wherein it was recorded that : Being it's a case of major mineral, it was decided to consider this case as B-1 and committee recommended issuing standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional TOR's:

1. As per the Google image based on the co-ordinates provided by the PP, a house is located within the lease area. Thus PP was asked either to rehabilitate the house or propose safety measures for this in the EIA report.
2. Detailed analysis report of Bauxite, Laterite & Fire Clay should be discussed in the EIA report specifically heavy metals.
3. Inventory of operating / proposed mines within 2 Km around the said mine.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
6. Any alternate route avoiding the nearby habitations.
7. Environmental Policy duly approved by the authority should be attached with the EIA report.
8. Monitoring on atleast 07 Stations should be carried out for Ambient Air, Surface Water, Ground Water, Noise and Soil by selecting suitable locations in core zone and buffer zone. During monitoring, if any sensitivity is observed by the monitoring agency, additional monitoring stations should be added and same should be inferred in the EIA report.
9. Land use plan should be plotted on the map.

PP has submitted the EIA report vide letter dated 15/06/2018 which was forwarded by SEIAA vide letter no. 1018 dated 19/06/2018 and thus the case was placed in the agenda.

The case was presented by the PP and their consultant wherein during initial discussion PP was informed that being the case of expansion MoEF&CC compliance report of earlier EC conditions is not submitted which essential for consideration of the project. PP submitted that vide letter dated 01.06.2018 they have requested ministry for the report but the said certified compliance report till date has not received by them hence, requested to the committee that in the light of MoEF&CC circular dated. 07.09.2017, SEAC may write a letter in this regard to MoEF&CC, Bhopal for early submission of compliance report which was agreed by the committee.

4. Case No. – 5717/2018 Mr. Rajiv Pathak, Chayanakyapuri, Semaria Chowk PO & District - Satna, MP – 485001 Prior Environment Clearance for Limestone, Laterite, Ochre & Reject Stone Deposit in an area of 43.20 Ha. (2,69,937 ton per annum) (Khasra no. 299P, 300P, 309P) at village - Lakhanwah, Tehsil - Rampur Baghelan, Dist. Satna

This is case of Limestone, Laterite, Ochre & Reject Stone Deposit in an area of 43.20 Ha.. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no. 299P, 300P, 309P) at village - Lakhanwah, Tehsil - Rampur Baghelan, Dist. Satna. The project requires prior EC before commencement of any activity at site.

In this meeting, neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

5. Case No. - 5395/2016 M/s Medicare Environmental Management Pvt. Ltd, 403, 4th Floor, BPTP Park Centre, Sector-30, NH-8, Gurgaon, Haryana – 122001 Common Biomedical Waste Treatment Facility (Khasra No. F-7, F-8, F-9 & F-10) at IID Jaderua, Morena, (M.P.) Cat. - 7(d) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs).

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category “B” Projects of activity 7 (da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio-Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

| SN | Parameters | Description |
|----|--|---|
| 1 | Project Proponent | M/s. Medicare Environmental Management Pvt. Ltd |
| 2 | Brief description of nature of the project | Biomedical waste is generated from all health care institutions; nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks etc. A Common Bio-medical Waste Treatment Facility is a set up where bio-medical waste, generated from a number of healthcare units, is suitably treated as per the prescribed procedure & norms laid down in the regulation. Proposed project of setting up of the Common Bio- medical |

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

| | | |
|--|--------------------------------|---|
| | | Waste Treatment Facility at IID Jaderua , Morena , Madhya Pradesh. The extent of proposed project is 1 Acres land. |
| Salient Features of the Project | | |
| 3 | Proposed plant capacity | The project is aimed to cater 20,000 beds - @ 0.16-0.2 kg/day/bed = 3.2-4 TPD |
| 4 | Total Plot Area | 1 Acre |
| | Location | Plot no. F-7,F-8,F-9 & F-10 , IID Jaderua, Morena , Madhya Pradesh. |
| 5 | Water requirement | Water requirement for the proposed CBWTF project is 50 KLD. Water will be sourced through Borewells & Water Tankers |
| 6 | Source of water | Water requirement will be met through bore wells |
| 7 | Wastewater | Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, etc. is 120 KLD and it shall be treated in effluent treatment plant. |
| 8 | Man Power | During Construction phase, the labors and workers will be hired from nearby villages. Total 35 persons are proposed to hire for plant operations including officers, skilled and unskilled workers. |
| 9 | Electricity/ Power requirement | DG set of 100 KVA is proposed for the project and lines will be taken from the Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL) |
| 10 | Total Project Cost | Project cost is Rs. 10 Cr |

M/s Medicare Environmental Management Private Ltd are proposing a Bio Medical Waste Management Facility at IID Jaderua, Morena with an area of 1 acres. The proposed project is Common Bio-medical Waste Treatment facility of Bio Medical Wastes collected from the various health care establishments/unit generating bio medical wastes. Facility includes Incinerator, Autoclave, Shredder, Storage and Effluent Treatment Facility.

The proposed treatment facilities at the site are Bio Medical Waste Segregation, Autoclave and Shredding and Incineration. The project is aimed to cater the needs of the Bio Medical waste generation units in the nearby Health Care Units of Madhya Pradesh state with an approximation of 20,000 beds@0.16-0.2kg/day/bed equals to3.2-4 tons per day.

The primary purpose of incineration is to burn the waste to ashes through a combustion process. Medicare intends to setup a 5.0T/Day incinerator. The unit shall be a dual chambered incinerator. The purpose of autoclave is to sterilize/dis-infect the waste with steam. Microorganisms which contribute to infection do not survive beyond 80°C. However, as a precaution MoEF&CC has stipulated a temperature of 121°C with 15 psi pressure to ensure distribution of temperature. The total water requirement including makeup water for the proposed facility is 50 KLD and waste water generation would be around 120 KLD, the waste water generated will be treated in ETP.

The power required for the facility will be fetched from Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL). For emergency backup DG is maintained with optimal usage by using a High Speed Diesel with a capacity of 100 KVA.

Earlier this case was Scheduled in 282nd SEAC meeting dated-10/10/2016 wherein it was observed that: The case was presented by the PP and their consultant wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:

- a. DFO certificate in the format prescribed by MP, SEIAA should be submitted with the EIA report for distances from National Parks/ Sanctuaries and Forest area.
- b. Justify in EIA report, how unit will remain zero discharge.
- c. Disposal plan of autoclaved material should be discussed in the EIA report.
- d. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
- e. In the EIA report, PP should provide the type of industries existing in the area with the list of MP, AKVN, and Gwalior.

PP has submitted the EIA report vide letter dated 03/04/2017 which was forwarded by the SEIAA vide letter no. 145/SEIAA/17 dated 07/04/2017.

The case was presented by the PP and their consultant in the 289th SEAC meeting dated 28/04/2017 wherein PP requested for the exemption from the public hearing which was to be conducted as per the TOR approved to the PP in the 282nd SEAC meeting dated-10/10/2016. During discussion PP informed that as per the MoEF&CC OM dated 10th December, 2014 this project is located in Plot no. F-7,F-8,F-9 & F-10 , IID Jaderua, Morena , Madhya Pradesh and this industrial area was notified prior to 2006 and thus does not require public hearing but could not put up any proof in support of their submission before the committee for consideration. Thus committee after deliberations decided that PP should either provide documentary evidence in

support of seeking exemption or carryout public hearing of the site as per the procedure laid down in the EIA Notification, 2006. It was also informed to the PP that a complaint is received from Gram Panchayat Jaderua vide letter dated 26/04/17 about the project thus NOC from Gram Panchayat / Tharav-Prastava should also be obtained and issues raised should be addressed during public hearing.

The case was presented by the PP and their consultants in the 311th SEAC meeting dated 16/04/2018, wherein following submission were made by the PP;

1. The proposed project is development of Common Bio-Medical Waste Treatment Facility at Khasra No. F-7, F-8, F-9 & F-10, IIDC (Industrial Infrastructure Development Centre) Jaderua, Morena district, Madhya Pradesh.
2. The proposed project has been designed to treat up to 5 tons of bio-medical waste per day with Incinerator- 5 TPD (250 kg/hr), Autoclave – 2 TPD (430 litres/batch) and Shredder- 150 kg/hr with other facilities.
3. There are no ecological and otherwise sensitive areas viz. wildlife sanctuaries, national parks, archeological important areas within 10 km radius of the project site. There are no known rare, endangered or ecologically significant animal and plant species. Except for a few wild species of plants and grasses and a few animals that are very commonly spotted in any rural environment, the study area does not have any endangered or endemic species of animals. Due to the development of green belt at the project vicinity the impact on the ecology will be minimal.
4. The total water requirement for the proposed facility is 32 KLD. The primary source of water will be from IIDC Jaderua.
5. The wastewater generation will be 110 KLD and wastewater generated will be treated in in-house ETP of capacity 120 KLD.
6. The treated water shall be reused in APCDs, greenbelt, etc. The facility shall be developed as Zero Liquid Discharge (ZLD) system. No treated wastewater shall be let out of the premises of the proposed CBWTF.
7. A maximum of about 25 to 50 kilograms of solid waste will be generated per day. To prevent cross-contamination, solid waste generated within the premises shall be disposed of in incinerator. Otherwise, waste shall be segregated and disposed of as per MSW Rules, 2016.
8. Hazardous wastes generated in the facility include Incineration ash from Incinerator, ETP sludge from ETP process and used oil from the plant utility. Incineration ash and ETP sludge will be disposed of at TSDF facility located in Pithampur and Used oil will be sent to MPPCB approved authorized recyclers.
9. Storm water drains shall be provided throughout the facility taking topography into consideration. The storm water drains are connected to rain water collection chamber. The

rain water thus collected shall be used for greenbelt, vehicle washing etc., after treatment, if necessary.

10. The facility shall be developed as Zero Liquid Discharge (ZLD) system. No treated wastewater shall be let out of the premises of the CBWTF.
11. No tree cutting is involved in the project. Reduction in usage of traditional light bulbs with Light Emitted Diode (LEDs) means reduction in usage energy consumption. Usage of Solar energy at different locations in the plant like parking light, roadside light etc. will be explored.
12. The green belt will be developed for the proposed project in an area of 1346 sq. m (33 %) of the total site area. Greenbelt will be developed all along the boundary and along the roads.

| S. No | Description | |
|--------------|--|------------------------------|
| 1 | Area allocated | |
| | Along the Boundary | 768 m ² (256m*3m) |
| | Along the Road | 230 m ² (115m*2m) |
| | Open spaces | 349 m ² |
| 2 | No. of Plants to be planted | |
| | Along the Boundary | 50 Trees & 85 Shrubs |
| | Along the Road | 55 Trees |
| | Open spaces | 60 Trees & Shrubs |
| 3 | Plantation Schedule | |
| | Construction Phase – Along the Boundary | 50 Trees & 85 Shrubs |
| | Operational Phase – Along the Road and Open spaces | 55 Trees, 60 Trees & Shrubs |
| 4 | Budget Allocated | |
| | Capital Cost | Rs. 4 lakhs |
| | Recurring Cost | Rs. 1.2 lakhs |

After the presentation, PP was asked to submit response on following:

1. The gap analysis study of private nursing homes and hospitals is reported in EIA on the basis of factor and it appears that actual gap analysis is not carried out. Thus committee asked PP to submit the actual gap analysis of private nursing homes and hospitals carried out during EIA study.

2. Socio economic data in chapter 3.10.5.2 needs to be resubmitted as discussed during presentation as per the studies conducted during EIA.
3. Revised list of plants for green belt as suggested by the committee.
4. The layout map should be submitted in A0 size map.
5. Revised CSR incorporating the suggestions made by the committee.
6. Copy of water supply commitment letter from AKVN.
7. Commitment of PP that it will be a zero liquid discharge unit.
8. A case is filed against the unit in the court of law and thus PP should submit the complete details and present status of this case.

The case was scheduled in 318th SEAC meeting dated 21/06/2018 as PP vide letter dated 20/04/2018 and 09/05/2018 has submitted the query reply which was placed before the committee. Committee on perusal of query reply submitted by PP decided to call PP for query reply presentation in the subsequent meetings of the SEAC.

Vide PP letter dated 16.08.2018 requested that due to pre-occupied inspection of existing BMW facility at other location their case scheduled today may be considered on meeting scheduled on 20.08.2018 which was placed before the committee. Committee after perusal of the request accepted for presentation on 20/08/2018 if time permits.

6. Case No. – 5714/2018 Sarpanch, Gram Panchayat, Village - Barchi, Tehsil - Aamla, Dist. Betul, (M.P) – 460001 (SIA/(M.P.)/MIN/73782/2018).Prior Environment Clearance for Sand mine in an area of 5.520 Ha. (10,300 cum per annum) (Khasra no. 434, 308) at Village - Barchi, Tehsil - Aamla, Dist. Betul (M.P.). (Absent in 320th meeting)

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no. 434, 308 at Village - Barchi, Tehsil - Aamla, Dist. Betul (M.P.).5.520 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collectors' Office (Ekal Praman-Patr) vide letter no.1263 dated: 19/08/2016 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 320th SEAC meeting dated 14/07/2018 wherein it was recorded that: Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the

committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In this meeting consultant was present but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

7. Case No. – 5715/2018 Sarpanch, Gram Panchayat, Village - Harnya, Tehsil - Chicholi, Dist. Betul, (M.P.) – 460001 (SIA/(M.P.)/MIN/73780/2018). Prior Environment Clearance for Sand mine in an area of 5.590 Ha. (44,000 cum per annum) (Khasra no. 1, 9) at Village - Harnya, Tehsil - Chicholi, Dist. Betul (M.P.). (Absent in 320th meeting)

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no. 1, 9 at Village - Harnya, Tehsil - Chicholi, Dist. Betul (M.P.). 5.590 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collectors' Office (Ekal Praman-Patr) vide letter no.1264 dated: 19/08/2016 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 320th SEAC meeting dated 14/07/2018 wherein it was recorded that: Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In this meeting consultant was present but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

8. Case No. – 5712/2018 Sarpanch, Gram Panchayat, Village - Shahpur/Patowapura, Tehsil Shahpur, Dist. Betul, (M.P.) – 460001 (SIA/(M.P.)/MIN/74711/2018). Prior Environment Clearance for Sand mine in an area of 11.0 Ha. (3,30,000 cum per annum) (Khasra no. 1

& 112) at Village - Shahpur/Patowapura, Tehsil - Shahpur, Dist. Betul (M.P.). (Absent in 320th meeting)

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no. 1 & 112 at Village - Shahpur/Patowapura, Tehsil - Shahpur, Dist. Betul (M.P.).11.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collectors' Office (Ekal Praman-Patr) vide letter no.708 dated: 13/05/2016 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 320th SEAC meeting dated 14/07/2018 wherein it was recorded that: Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even it the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the Pp and their consultant wherein during initial discussion it was observed that co-ordinates of the lease are not available in the case file nor mentioned in the mine plan submitted by PP hence location of the lease cannot be ascertained. Thus PP was asked to submit co-ordinates of lease duly authincated by the mining officer for further consideration of the project.

9. Case No. – 5713/2018 Sarpanch, Gram Panchayat, Village - Sontalai, Tehsil - Aamla, Dist. Betul, (M.P.) – 460001 (SIA/ (M.P.)/MIN/73791/2018).Prior Environment Clearance for Sand mine in an area of 9.330 Ha. (9000 cum per annum) (Khasra no. 1) at Village - Sontalai, Tehsil - Aamla, Dist. Betul (M.P.). (Absent in 320th meeting)

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no. 1, Village - Sontalai, Tehsil - Aamla, Dist. Betul (M.P.). 9.330 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collectors' Office (Ekal Praman-Patr) vide letter no.1265 dated: 19/08/2016

has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 320th SEAC meeting dated 14/07/2018 wherein it was recorded that: Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

In this meeting consultant was present but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

10. Case No. – 5695/2018 Sarpanch/Sachiv, Gram Panchayat Bhavan, Village - Balhod, Tehsil Manpur, Dist. Umariya, MP Prior Environment Clearance for Sand mine in an area of 20.0 Ha. (3,96,900 cum per annum) (Khasra no. 317/384) at Village- Mohbala, Tehsil - Manpur, Dist. Umariya (MP)

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 317/384) at Village- Mohbala, Tehsil - Manpur, Dist. Umariya (MP) 20.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 971 dated: 28/05/2018 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Government of Madhya Pradesh has prepared a New Policy for sand mining and as per the policy of State Government, Collector, Umariya (Mining), has transferred above Sand Mine of Son River to Gram Panchayats- Mohbala, Tehsil-Manpur, District-Umariya (MP) with new case no.i.e 5695/2018 in the name of Sarpanch, Gram Panchyat Village-Mohbala, Tehsil-Manpur, District-Umariya (MP).

The case was presented by the PP and their consultant in the 317th SEAC meeting dated 20/06/2018, wherein during presentation based on co-ordinates and Google image, it was observed that this case was earlier registered as **Case No.-5121/2016 Shri Dushyant Choudhary, Authorized Signatory, M/s Prime Vision Industries Pvt. Ltd., 303M, 3rd Floor, Vishal Chamber, P-1, Sector-18, Noida, Gautam Buddha Nagar (UP) (SIA/MP/MIN/6262087/2017). Prior Environment Clearance for Sand Mining in an area of 20.00 ha. (6,00,000 cum/year) at Khasra no.-317/384, Village-Mohbala, Tehsil-Manpur, District-Umariya (MP)** and was presented by the PP and their consultant in the 81st SEAC-II meeting dated 22/06/2017 wherein it is recorded that:

“PP vide dated-20/06/2016 has submitted a letter of SDO (forest). SDO (forest) vide letter no. 442 dated 29/05/2017 has informed that the lease is < 2.00 kms (1.72 kms) away from the Eco-Sensitive Zone of Bandhavgarh Tiger Reserve and permission for sand mining should not be considered. Committee after perusal of the documents and letter issued from the SDO (forest) decided to send this case file to SEIAA as this case can't be recommended for the grant of EC as per MoEF&CC Notification SO 4027 (E) dated 13/12/2016 since sanctioned lease lies within the 2.00 kms Eco-sensitive Zone of Bandhavgarh Tiger Reserve”.

Considering above, SEIAA in its 454th meeting dated 07/11/2017 has decided that:

“after detailed discussion in view of the SEAC recommendations it was decided that the EC issued vide L.No. 1510/SEIAA/16 dated 19-05-2016 in this case is hereby withdrawn and revoked with immediate effect”.

The above facts were brought to the notice of the PP and their consultant that earlier EC was issued for the same lease and was later withdrawn by SEIAA as per the submission of SDO (forest) wherein SDO (forest) vide letter no. 442 dated 29/05/2017 has informed that the lease is < 2.00 kms (1.72 kms) away from the Eco-Sensitive Zone of Bandhavgarh Tiger Reserve and permission for sand mining should not be considered.

On perusal of the case file committee observed that District Collector, Umariya has issued Ekal Pramanpatra vide letter no. 971 dated 23/05/2018 mentioning that site is 5.60 kms away from the core zone and minimum 1.72 kms away from the buffer zone of Bandhavgarh Tiger Reserve which is exactly the same as mentioned by the SDO (forest) in earlier case no. 5121/2016. Thus committee recommends that based on above facts case cannot be considered for grant of EC as EC was withdrawn on the same lease in line with the recommendations made in 81st SEAC-II meeting dated 22/06/2017 and subsequently decision made by SEIAA in its 454th meeting dated 07/11/2017.

SEIAA vide letter no. 1120 dtd. 17.07.2018 sent the case file to SEAC with comments that: PP has submitted a letter of Deputy Director, Bandhavgarh Tiger Reserve, Umaria on 30.06.2018 at MPSEIAA office in which the NOC for carrying out the sand quarry has been given in the proposed area. It has been decided that the case file may be returned to SEAC for re-appraisal and thus the case was placed in the agenda.

The case was presented by the PP and their consultant wherein PP submitted that they have obtained a fresh certificate from the Deputy Director, Bandhavgarh Tiger Reserve, Umaria vide letter No. 2185 dtd. 25.06.2018 wherein it is stated that the proposed ML area is out of Bandhavgarh Tiger Reserve's Core/Buffer / Eeo-Sensitive Zone and they have no objection for sand mining at Khasra no. 317/384 at Village- Mohbala, Tehsil - Manpur, Dist. Umariya (MP). On perusal of the revised certificate issued by the Deputy Director, Bandhavgarh Tiger Reserve, Umaria vide letter No. 2185 dtd. 25.06.2018 committee considered the case for appraisal as in the certificate it is clearly mentioned that proposed ML area is out of Bandhavgarh Tiger Reserve's Core/Buffer/Eeo-Sensitive Zone and they have no objection for sand mining at Khasra no. 317/384 at Village- Mohbala. Further during appraisal as per the Google image (November, 2017), it was observed that a stream is passing through the lease and entire lease area is not minable as mid stream mining is not allowed. As per the Google image only 10.11 ha area is minable out of 20.00 ha allotted area. Since the sanctioned depth 2.205 as per the approved mine plan, 2,22,925 cum/year volume of sand can be extracted from this lease. It was also observed from the Google image that a road bridge is passing from the southern side of the lease but the same is > 500 meters away.

Committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 2,22,925 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.

- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- The lease area should be clearly distinguished and earmarked at the site.
- A budgetary provision for Environmental management Plan of Rs. 3.60 lacks (capital) is made with a recurring expenditure of 02.60 Lacks/year. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 02.00 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

11. Case No. - 5200/2016 Executive Engineer, Office of Executive Engineer, Water Resources Department, Manawar Distt. – Dhar (M.P.) Prior Environment Clearance for Berkheda Medium Project" of Water Resources Department, Kukshi/Berkheda. Live capacity - 52.404 MCM, Cultivable Command Area – 9,900 ha, Catchment Area - 382.9 sq., Dam Length - 889.15 M, Spillway - 147.00 M, Maximum height of Dam - 36.68 M Ha. (River Valley Project).

This is case of Medium River Valley and Hydroelectric Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located Village- Kukshi/Berkheda Distt.- Dhar with Live capacity - 52.04 MCM, Cultivable Command Area - 9900 ha, Catchment Area - 382.9 sq., Dam Length - 889.15 M, Spillway - 147.00 M, Maximum height of Dam - 36.68 M ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was recommended for the grant of prior EC in the 314th SEAC meeting dated 10/05/2018. Then this case was discussed in 488th SEIAA meeting dated 30.05.2018 and it is recorded that:

A. A complaint letter received from Convener of Narmada Bacchao Andolan in which number of issues raised regarding the Berkheda medium irrigation project and PP has submitted point-wise reply of the related issues, it is decided to send the team of SEAC for site visit and

also to cross check/verify the issues raised in the complaint and reply submitted by PP for factual status. Accordingly re-appraise the case in line of above.

B. Besides this PP should also submit the details of compensation regarding land aquisitions, and displacement of families due to construction of dam.

The case was scheduled for the presentation in the 321st SEAC meeting dated 16/08/2018 wherein it is recorded that “PP vide letter no. 2541 dated 13/08/2018 has requested to postponed the presentation as their consultant is unable to attend this meeting which was placed before the committee. Committee accepted the request made by the PP and decided to call the PP in 324th SEAC meeting dated 19/08/2018 if time permits”.

The case was presented by the PP and their consultant as per the instruction of SEIAA to cross check/verify the issues raised in the complaint and reply submitted by PP for factual status. Following officials on behalf of PP were present during the presentation:

1. Shri Rajeev K. Suklikar, E-IN-C, WRD, Govt. of MP.
2. Shri B. S. Sankat, EE, WRD, Manawar, District: Dhar.
3. Shri Yogesh Birla, SDO, WRD, Manawar, District: Dhar.
4. Shri S. K. Nigam, Environmental Consultant.
5. Shri Santosh K. Kulkarni, Environmental Consultant

During presentation PP submitted that due to heavy rains in the project area site visit is not possible as the road is kachha and site is not approachable. PP further submitted that they have also submitted an affidavit dated 18/08/2018 (vides letter no. 2612 dated 19/08/2018) along with revised EIA/EMP stating the same and site inspection is possible only after October, 2018. However, PP made the point wise presentation of the issues raised in the complaint. During presentation PP informed that they have not carried out any work at the project site only works related to the subsurface geotechnical investigation were carried out which are essential for design and drawings related to the project. For other issues, PP made detailed presentation before the committee. After presentation, PP was asked to submit following documents:

1. Copy of the letter issued to the district collector, Dhar for formation of committee for actual social survey.
2. Commitment letter from PP that written consent will be taken from individuals against onetime payment of settlement.
3. Consent letter from PP regarding higher compensation package which is more beneficial for the affected PAF”s.
4. Increase in irrigation potential in commend area shall also be provided in % values.

**STATE EXPERT APPRAISAL COMMITTEE MINUTES 19 August 2018
OF 324th MEETING**

5. Cost against FRA shall be provided.
6. Copy of demand letter of LAO and PD A/c Advice shall be submitted.
7. Copy of demand note of forest department and challan submitted by PP.

PP vide letter no. 2620 dated 19/08/2018 has submitted the above information which was placed before the committee. The committee found the information submitted by PP satisfactory and acceptable and decided that the case with point wise reply of complaint made may be sent to SEIAA for further necessary action along with the recommendations made by SEAC in it's 314th meeting dated 10/05/2018. However, site visit could not be carried out as PP has submitted that the site is not approachable till October, 2018.

(Dr. Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Dr. J. P. Shukla)
Member

(Prashant Shrivastava)
Member

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
8. Transportation shall not be carried out through forest area.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
15. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. The mining activity shall be done manually.
7. Heavy vehicles shall not be allowed for removal of sand.
8. The sand shall be transported by small trolleys up to the main transport vehicle.
9. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
10. No Mining shall be carried out during Monsoon season.
11. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
12. NOC of gram panchayat should be obtained for the water requirement.
13. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
14. The mining shall be carried out strictly as per the approved mining plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
2. An inventory of flora & fauna based on actual ground survey shall be presented.
3. Risk factors with their management plan should be discussed in the EIA report.
4. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
5. The EIA document shall be printed on both sides, as far as possible.
6. All documents should be properly indexed, page numbered.
7. Period/date of data collection should be clearly indicated.
8. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.

9. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
10. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
11. Grant of TOR does not mean grant of EC.
12. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
13. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
14. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
15. All the necessary NOC's duly verified by the competent authority should be annexed.
16. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
17. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
18. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
19. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
20. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
21. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
22. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

23. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
24. Detailed analysis of availability and quality of the drinking water resources available in the block.
25. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
26. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.