

The 406th meeting of the State Expert Appraisal Committee (SEAC) was held on 25th November, 2019 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. Dr. Sonal Mehta, Member.
4. Shri R. S. Kori, Secretary.

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

1. **Case No. - 5726/2018 M/s SADA Construction, Rai Bhawan, Katni Road, P.O. Maihar, Dist. Satna, MP – 485771 Prior Environment Clearance for Limestone Mine in an area of 10.90 Ha. (0.10 Million TPA of Limestone and 0.11 Million TPA of Reject Stone) at Khasra no.- 579, 581/284, 582/210, 583/211, 585/211, 586/340, 587/340, 588/293, 552, 553, 554, 555, 556, 557, 558, 539, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570/1, 570/2, 571, 572, 573, 574, 575, 576, 577, 578, 551/1, 544, 545, 511/1, 511/2, 512/1, 512/2, 512/3/k, 512/3/kh, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538/1, 538/2, 539, 540, 541, 509, 510/1, Village- Naraura, Tehsil - Maihar, Dist. Satna (MP) EIA Presentation. Env.Consultant: Aplinka Solutions & Technologies Pvt. Ltd.**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.- 579, 581/284, 582/210, 583/211, 585/211, 586/340, 587/340, 588/293, 552, 553, 554, 555, 556, 557, 558, 539, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570/1, 570/2, 571, 572, 573, 574, 575, 576, 577, 578, 551/1, 544, 545, 511/1, 511/2, 512/1, 512/2, 512/3/k, 512/3/kh, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538/1, 538/2, 539, 540, 541, 509, 510/1, Village- Naraura, Tehsil - Maihar, Dist. Satna (MP) 10.90 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 325th SEAC meeting dated 20/08/2018, wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 05/11/2019 which was forwarded through SEIAA vide letter no. 3092 dated 13/11/2019 which was placed before committee.

The EIA was presented by the PP and their consultant wherein following project details were submitted by the PP:

There are total 30 trees in the lease area of which about 22 trees fall within safety zone of 7.5 meter. All the trees in the safety zone will be retained and mixed with the proposed greenbelt plan. About 8 trees are expected to be uprooted after obtaining permission of statutory authority. Before cutting 1 tree 10 tree will be planted as a compensatory plantation (@1:10) i.e. total 80 trees will be planted.

Total No of Trees				
S. No.	Common name	Scientific name	Family	Number of tree
1	Mango/ Aam	Mangifera indica	Anacardiaceae	26
2	Babul	Acacia nilotica	Leguminosae	2
3	Jamun	Syzygium cumini	Myrtaceae	1
4	Mahua	Madhuca longifolia	Sapotaceae	1
5	Eucalyptus	Eucalyptus globulus	Myrtaceae	1

Mining Methodology:

- Working will be carried out in one shift of 8 hours during day time only.
- All operation of mining such as development, winning of ore and loading will be carried out by mechanized means except deep hole drilling and blasting and sorting and loading of mineral often manually.
- Controlled blasting will be done. The dia of hole will be equal to or less than 50 mm and depth less than 3m. Rock breaker will be mainly deployed to avoid required secondary blasting.
- Systematic working will be done by formation of benches as per M.M.R. 1961.
- The various activities proposed during mining is as under –
 - ✓ Development by removal of overburden by loader cum excavator.
 - ✓ Drilling
 - ✓ Blasting
 - ✓ Sorting, Sizing
 - ✓ Loading
 - ✓ Transportation

TRAFFIC DURING MINE OPERATION:

Sr. No.	Particular	Details
1.	Total Capacity of mine	2,10,000 TPA
2.	No. of working days	300 days

3.	Extraction & Transportation of mineral	700 TPD
4.	Working hours per day	8 hrs
5.	Capacity of the dumpers /Truck	27 t.
6.	Number of dumpers/trucks required /day	700/27= 26 or say 32 considering 20% on higher side on any day (26 x 1.2 = 32)
7.	Daily truck movement (to & fro)	32 * 2 = 64 Truck
8	Hourly truck movement @ 8hr a day to and fro	64/8= 8 no. To and fro

SOIL MANAGEMENT PLAN:

Year	Soil generation	Effective Volume = (SF x CF) x D = 1.4 x 0.8 x D	Quantity Disposed of on (Cum)	
	Cum	Cum	Topping of Backfilled area	Bund & Plantation
1 st	1275	1428	224	1204
2 nd	1270	1422	0	1422
3 rd	2880	3225	0	3225
4 th	2640	2956	2956	0
5 th	3494	3913	3910	0
Total	11559	12944	7090	5851

OB/WASTE MANAGEMENT:

Year	Waste generation	Effective Volume = SF x CF x D=1.4 X 0.8 X D	Quantity Disposed (Cum)	
	Cum	Cum	Building material, Road metal	Backfilling
1st	13474	15091	13411	1680
2nd	22158	24817	24817	0
3rd	42357	47439	47439	0
4th	43624	48859	37383	11476

5th	52431	58723	45021	13702
Total	174044	194929	168071	26858

After presentation and discussion PP was asked to submit reply on following:

1. Commitment that PP shall obtain necessary permission for tree uprooting from competent authority and will maintain necessary compensatory plantation.
2. Revised CER plan with inclusion of traffic rule awareness camps & construction of CC road as demanded during Public Hearing.
3. Revised budgetary allocation for occupational health survey.
4. Revised plantation number, species @ 11,000 trees as suggested by the committee.

PP vide their letter dated 25/11/2019 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. 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 Environment Clearance for Limestone Mine in an area of 10.90 Ha. (0.10 Million TPA of Limestone and 0.11 Million TPA of Reject Stone) at Khasra no.- 579, 581/284, 582/210, 583/211, 585/211, 586/340, 587/340, 588/293, 552, 553, 554, 555, 556, 557, 558, 539, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570/1, 570/2, 571, 572, 573, 574, 575, 576, 577, 578, 551/1, 544, 545, 511/1, 511/2, 512/1, 512/2, 512/3/k, 512/3/kh, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538/1, 538/2, 539, 540, 541, 509, 510/1, Village- Naraura, Tehsil - Maihar, Dist. 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. 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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease. All the necessary precautions enumerated under 106 (2) (b) of MMR 1961 shall be followed.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. 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.
20. 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 conceptual plan of the mining lease area 2.09 ha. area shall be planted where approximately 11,000 trees shall be planted on within lease area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. 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. 2 settling tank of 300 cum (25 m x 6 m x 2 m) each and one settling tank of 240 cum (20m x 6m x 2 m) in block A and B respectively will be constructed towards the sloping side of ML area. Garland drain 3210 cum (1070m x 2.0 X 1.5m) in block A and in block B 888 cum (296m x 2.0 X 1.5 m) will be provided around mine site. One sump

of 1500 cum (25 m x 20 m x 3 m) and 900 cum (20 m x 15 m x 3 m) will also be constructed in block A and B respectively.

25. 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.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

S. No	Particular	Existing	5 th year end	10 th year end	Conceptual Period
1.	Total area excavated (broken)	0.70	4.63	7.5	8.81
2.	Area fully mined out (out of 1)	Nil	2.50	(4.0)	(8.81)
3.	Area fully reclaimed (Backfilled out of 2)	Nil	1.0	(2.5)	(3.79)
4.	Area rehabilitated out of 3 by afforestation	Nil	0.50	(1.5)	(3.79)
5.	Area reclaimed by water harvesting	Nil	0	0.0	(5.02)
6.	Total area under dumps	Nil	0.50	Nil	Nil
7.	Area under active dumps (out of 6)	Nil	0.50	Nil	Nil
8.	Area under mineral stack	Nil	0.50	0.50	Nil
9.	Area under Road	Nil	0.05	0.05	Nil
10.	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	Nil	2.09	2.09	2.09
11.	Area under infrastructure	Nil	0.05	0.05	Nil
12.	Garland drain and settling tank	Nil	0.56	0.56	Nil
13.	Undisturbed area	10.2	2.52	0.15	Nil
	Total	10.90	10.90	10.90	10.90

28. 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.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

32.PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33.In the proposed EMP, capital cost is Rs. 14.20 Lakh is proposed and Rs.8.50 Lakh /year as recurring expenses.

34.Under CER activity, Rs. 4.25 Lakh are proposed as capital and 3.0 Lakh /year recurring expenses respectively in different activities and should be implemented through respective committees.

35.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.

36.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.

37.PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

38.PP will comply with all the commitments made vide letter dated 25/11/2019

39.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. - 5818/2019 Smt. Nirmala Khemka, P.O. Jaitwara, Dist. Satna, MP – 485221 Prior Environment Clearance for Laterite, Ochre and White Clay Mine in an area of 44.093 Ha. (2,12,800 ton per annum) at Khasra No. 62/1Kh, 62/1/G, 62/2/1, 62/2/2, 63/1K/1A, 63/1K/1B, 63/1Kh/K/1, 63/1Kh/K/2, 63/2, 64/1k, 64/1Kh, 64/2, 65/1, 65/2K, 65/2Kh, 65/2G, 65/3, 66/1, 66/2, 66/3/K, 66/3Kh, 66/3G, 66/3Gh/1, 66/3Gh/2, 233/1K, 233/1Kh, 233/2, 234/1, 234/2, 234/3/1, 234/3/2, 234/4 at Village- Chitgarh, Tehsil - Kotar, Dist. Satna (MP). EIA Presentation. Env.Consultant: Aplingka Solutions & Technologies Pvt. Ltd.**

This is case for Laterite, Ochre and White Clay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The Project in an area of 44.093 Ha. for production capacity 212800 ton per annum at Khasra No. 62/1Kh, 62/1/G, 62/2/1, 62/2/2, 63/1K/1A, 63/1K/1B, 63/1Kh/K/1, 63/1Kh/K/2, 63/2, 64/1k, 64/1Kh, 64/2, 65/1, 65/2K, 65/2Kh, 65/2G, 65/3, 66/1, 66/2, 66/3/K, 66/3Kh, 66/3G, 66/3Gh/1, 66/3Gh/2, 233/1K, 233/1Kh, 233/2, 234/1,

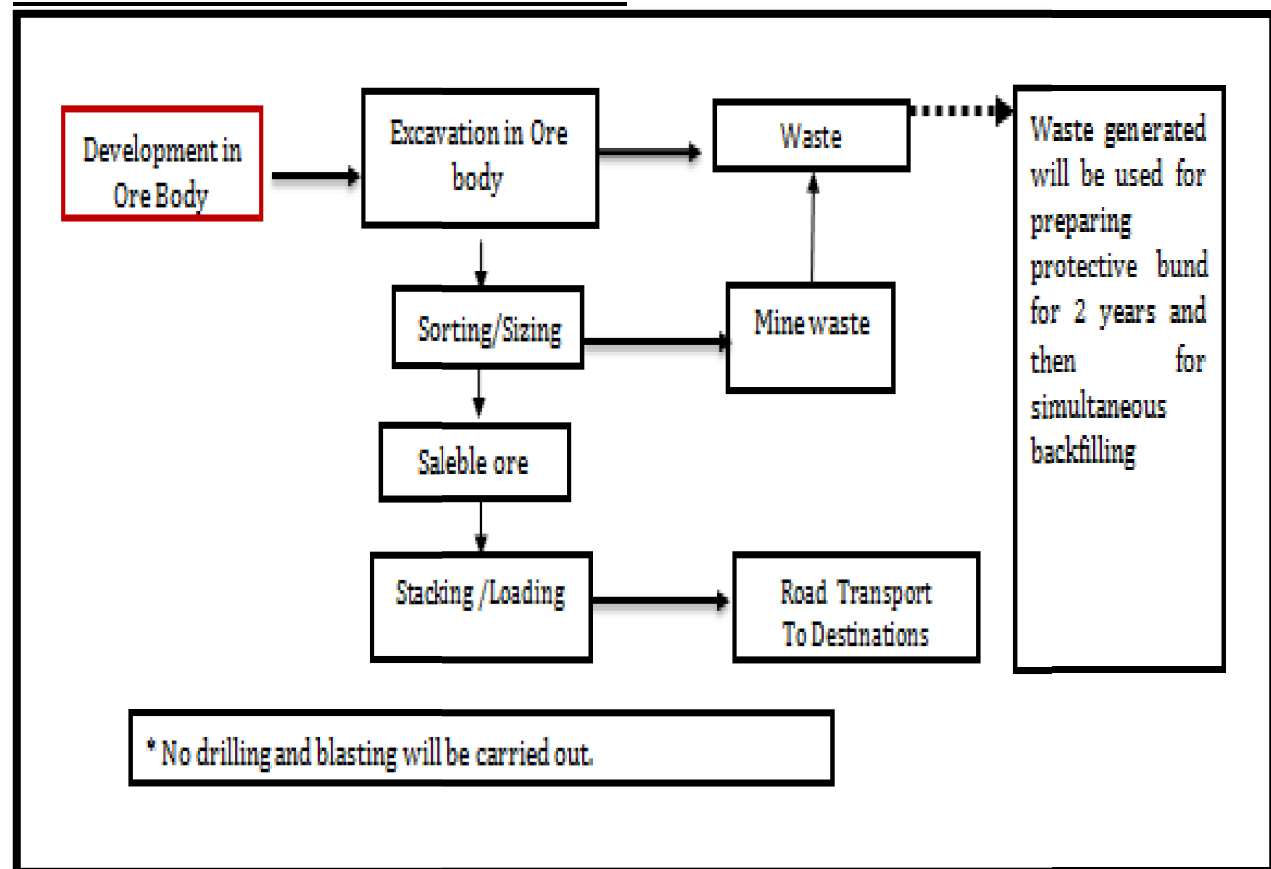
234/2, 234/3/1, 234/3/2, 234/4 at Village- Nimha, Tehsil - Kotar, Dist. Satna (MP). The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by PP and their consultant in 341st SEAC meeting dated 31/01/2019, wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 27/10/2019 which was forwarded through SEIAA vide letter no. 3090 dated 13/11/2019 which was placed before committee.

The EIA was presented by the PP and their consultant wherein following project details were submitted by the PP:

PROPOSED METHOD OF MINING:



Opencast semi mechanized method of mining will be done.

- All operation of mining such as development, winning of ore and loading will be carried out by mechanized means. Manual sorting, screening and sizing will be done.
- Working will be carried out in one shift of 8 hours during day time only.

- The Laterite has Murrum and inter burden which increases the silica. In order to remove that mobile screening unit or manual screening will be deployed.
- Development in will be carried out by excavator cum loader and partly by manual means.
- No drilling and blasting will be carried out. There is no OB at top and hence no development in OB is proposed
- The waste/IB will be excavated and loaded mechanically while mineral manually as well as by loader on dumpers
- Systematic working will be done by formation of benches as per M.M.R. 1961.
- The OB /waste generated will be used for preparing protective bund and then simultaneously backfilled from 3rd year onwards
- The various activities proposed during mining is as under –
 - (i) Development in mineral
 - (iii) Sorting & Sizing
 - (iv) Loading
 - (vi) Transportation

BUDGET BREAKUPS AND R & R COST:

Total number of affected families due to the Proposed Mining Project at Village - Chitgarh has been assessed to be 39 spread over in revenue village Chitgarh. Since the about two families have residential structure on their land; and remaining 37 have only land . Thus, only two households from the village Chitgarh have been considered for R&R Plan. the resettlement & rehabilitation of the PAF's has been made. The caste wise distribution of the PAF in the given below:

S. NO	Parameters	Area/length	Owner	Area/Length	Rate per sqm or perKm	Cost	Total Cost
1	Residential structure	1.214	Balgopal Singh S/o Bashrah	115	700	80,500/-	80,500/-
2	Residential structure	1.214	Sukhender Sahil S/o Santosh Singh	150 sqm	6700	10,05,000/-	10,05,000/-
	Total Cost						10,85,500/-

During presentation PP submitted that Opencast semi mechanized method of mining will be done. All operation of mining such as development, winning of ore and loading will be carried out by mechanized means. No drilling and blasting will be done. Manual sorting will be done. PP further submitted that the Laterite has Murrum and intercalated clay which increases the silica. In order to remove that portable mobile/manual screening unit will be deployed. There is no top soil or OB and hence no development in OB is proposed.

The committee observed that the proposed area for mining is having undulating topography. The highest elevation of the lease area is 405 m. on top of the mound in south direction and the lowest elevation is 373 m AMSL in north direction. Working will be done by formation of benches as per M.M.R. 1961. The OB /waste generated will be used for preparing protective bund and then simultaneously backfilled from 3rd year onwards

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

1. Revised Corporate Social Responsibility Budget as suggested by the committee
2. Provide profile of section of the mineral excavation as per m RL of lease area in the form of drawing.
3. Widening of road at 2 Junction points on evacuation route.
4. Resettlement of hutment in the lease.
5. Revised plantation species as suggested during meeting by the committee.
6. Provide Updated Budget of Occupational Health.

PP vide their letter dated 25/11/2019 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. 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 Laterite, Ochre and White Clay Mine in an area of 44.093 Ha. having production capacity is 2,12,800 TPA at Khasra No. 62/1Kh, 62/1/G, 62/2/1, 62/2/2, 63/1K/1A, 63/1K/1B, 63/1Kh/K/1, 63/1Kh/K/2, 63/2, 64/1k, 64/1Kh, 64/2, 65/1, 65/2K, 65/2Kh, 65/2G, 65/3, 66/1, 66/2, 66/3/K, 66/3Kh, 66/3G, 66/3Gh/1, 66/3Gh/2, 233/1K, 233/1Kh, 233/2, 234/1, 234/2, 234/3/1, 234/3/2, 234/4 at Village- Chitgarh, Tehsil - Kotar, Dist. 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. 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. Working height of the loading machines shall be compatible with bench configuration.
10. No intermediate stacking is permitted at the mine site.
11. No dump shall be stacked outside the lease area.
12. Overhead sprinklers shall be provided in mine.
13. 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.
14. 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 EMP a minimum of 44,100 trees shall be planted on barrier zone, backfilled area and along the transportation route during lease period.
15. Transportation of material shall be done in covered vehicles.
16. Transportation of minerals shall not be carried out through forest area.
17. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the DGM.
18. 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. 3 settling tank of 500 cum (25 m x 10 m x 2 m) each. Garland drain (2800 m x 2 m x 1.5 m) will be provided around mine site. One sump of 4500 cum (50 m x 30 m x 3 m) will also be constructed.

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. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
21. The existing and proposed land use plan of the mine is as follows:

S.No.	Particular	Existing	5th year end	10th year end	15th year end	20th year end	Conceptual Period
1	Total area excavated (broken)	0.20	5.50	14.0	22.0	30.0	(40.0)
2	Area fully mined out (out of 1)	Nil	5.0	12	20	27	(40.0)
3	Area fully reclaimed (Backfilled out of 2)	Nil	2.37	8.0	16.0	23.0	(40.0)
4	Area rehabilitated out of 3 by afforestation	Nil	1.50	6.0	14.0	20.0	40.0
5	Area reclaimed for water harvesting	Nil	Nil	Nil	Nil	Nil	Nil
6	Total area under dumps	0	0	0	0	0	0
7	Area under active dumps	Nil	Nil	Nil	Nil	Nil	Nil
8	Area under mineral stack	Nil	Nil	Nil	Nil	Nil	Nil
9	Area under Road	0.25	0.25	0.25	0.25	0.25	Nil
10	Area under Green belt	0	4.093	4.093	4.093	4.093	4.093
11	Area under infrastructure	0	0.02	0.02	0.02	0.02	0
12	Undisturbed Area	43.643	34.23	25.73	17.73	9.73	Nil

22. 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.
23. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
24. The commitments made in the public hearing are to be fulfilled by the PP.
25. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
26. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

27. In the proposed EMP, capital cost is Rs. 17.50 Lakh is proposed and Rs.13.65 Lakh /year as recurring expenses.

28. Under CER activity, Rs. 4.00 Lakh are proposed as capital and 3.50 Lakh /year recurring expenses respectively in different activities and should be implemented through respective committees.
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 25.11.2019.
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. - 5817/2019 Shri Umesh Kumar Khemka, P.O. Jaitwara, Dist. Satna, MP – 485221 Prior Environment Clearance for Laterite, Ochre and White Clay Mine in an area of 38.518 Ha. (1,59,600 ton per annum) at Khasra No. 565, 566/1, 566/2k, 566/2Kh, 567/1 567/2, 568, 569, 570/1K/1, 570/1K/2, 570/1K/3, 570/1K/4, 570/1K/5, 570/1K/6, 570/1K/7, 570/1K/8, 570/1Kh, 570/2, 571, 575, 576, 577/1, 577/2, 757/858, 580/1K, 580/1Kh, 580/2 (MP). at Village- Nimha, Tehsil - Kotar, Dist. Satna (MP).EIA Presentation. Env.Consultant: Amlink Solutions & Technologies Pvt. Ltd.

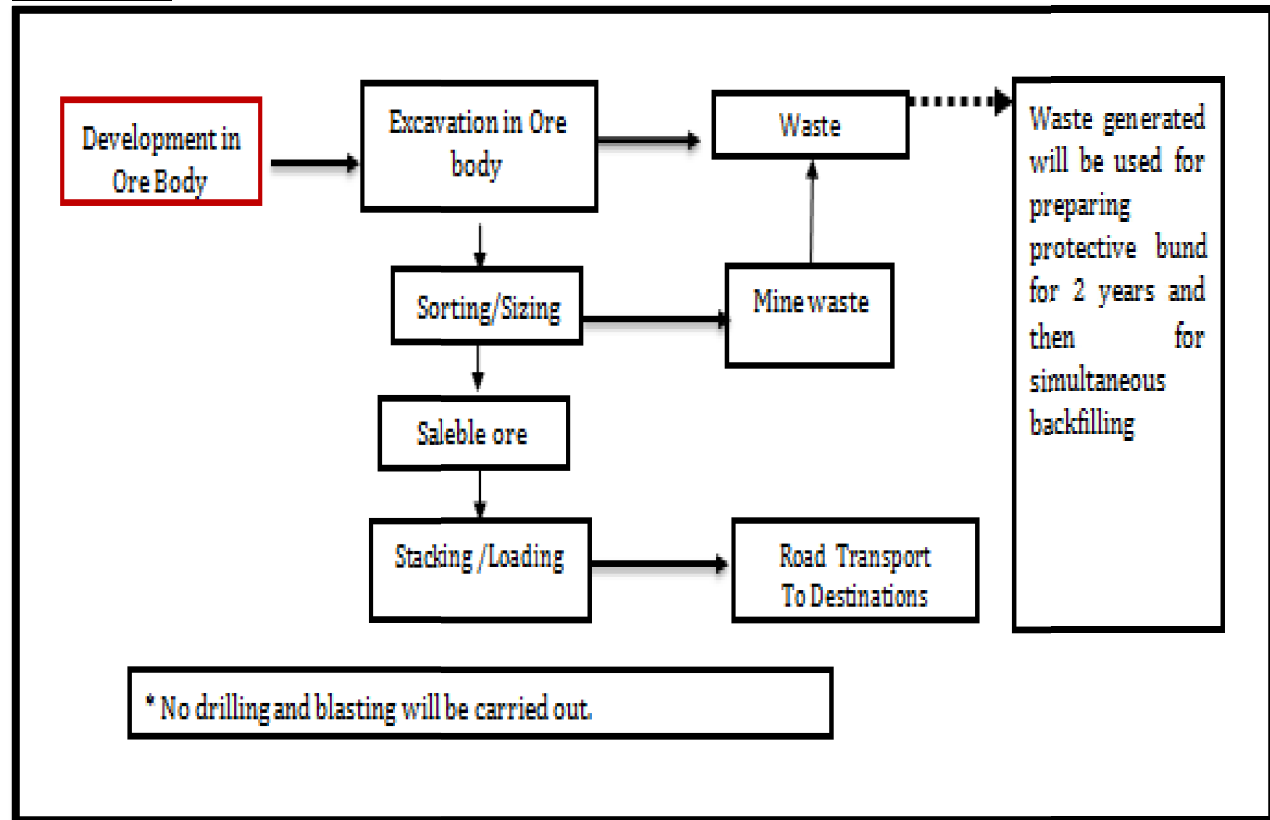
This is case for Laterite, Ochre and White Clay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The Project in an area of 38.518 Ha. for production capacity 159600 ton per annum at Khasra No. 565, 566/1, 566/2k, 566/2Kh, 567/1 567/2, 568, 569, 570/1K/1, 570/1K/2, 570/1K/3, 570/1K/4, 570/1K/5, 570/1K/6, 570/1K/7, 570/1K/8, 570/1Kh, 570/2, 571, 575, 576, 577/1, 577/2, 757/858, 580/1K, 580/1Kh, 580/2 (MP). The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by PP and their consultant in 341st SEAC meeting dated 31/01/2019, wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 27/10/2019 which was forwarded through SEIAA vide letter no. 3088 dated 13/11/2019 which was placed before committee.

The EIA was presented by the PP and their consultant wherein following project details were submitted by the PP:

MINING:



During presentation PP submitted that Opencast semi mechanized method of mining will be done. All operation of mining such as development, winning of ore and loading will be carried out by mechanized means. No drilling and blasting will be done. Manual sorting will be done. PP further submitted that the Laterite has Murum and intercalated clay which increases the silica. In order to remove that portable mobile/manual screening unit will be deployed. There is no top soil or OB and hence no development in OB is proposed.

The committee observed that the proposed area for mining is having undulating topography. The highest elevation of the lease area is 400 m. in south direction and the lowest elevation is 377 m AMSL in west direction. Working will be done by formation of benches as per M.M.R.

1961.The OB /waste generated will be used for preparing protective bund and then simultaneously backfilled from 3rd year onwards.

BUDGET BREAKUPS AND R & R COST:

The total number of affected families due to the Proposed Mining Project at Village - Nimha has been assessed to be 35 spread over in revenue village Nimha. Since the only one family have residential structure on their land; and remaining 34 have only land. Thus, only one household from the village Nimha have been considered for R&R Plan

S.No	Parameters	Area/ length	Owner	Area /Length	Rate per sqm or per Km	Cost	Total Cost
1	Residential structure	1.044	Indrawati W/o Late Sukhnandan	150	700	10,5,000/-	1,05,000/-
	Total Cost						1,05,000/-

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

1. Revised Corporate Social Responsibility Budget as suggested by the committee
2. Provide profile of section of the mineral excavation as per m RL of lease area in the form of drawing.
3. Widening of road at 2 Junction points on evacuation route.
4. Resettlement of families and vacating all illegal encroachment in the quarry lease.
5. Revised plantation species as suggested during meeting by the committee.
6. Provide Updated Budget of Occupational Health.

PP vide their letter dated 25/11/2019 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. 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 Laterite, Ochre and White Clay Mine in an area of 38.518 Ha. having production capacity is 1,59,600 TPA at Khasra No. 565,566/1,566/2k,566/2kh,567/1,567/2,568,569, 570/1K/1, 570/1K/2,

570/1K/3, 570/1K/4, 570/1K/5, 570/1K/6, 570/1K/7, 570/1K/8, 570/1Kh, 570/2, 571, 575, 576, 577/1, 577/2, 757/858, 580/1K, 580/1Kh, 580/2 at Village- Nimha, Tehsil - Kotar, Dist. 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. 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. Working height of the loading machines shall be compatible with bench configuration.
10. No intermediate stacking is permitted at the mine site.
11. No dump shall be stacked outside the lease area.
12. Overhead sprinklers shall be provided in mine.
13. 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.
14. 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 EMP a minimum of 38,600 trees shall be planted on barrier zone, backfilled area and along the transportation route during lease period.
15. Transportation of material shall be done in covered vehicles.

16. Transportation of minerals shall not be carried out through forest area.
17. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the DGM.
18. 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. 3 settling tank of 500 cum (25 m x 10 m x 2 m) each . Garland drain (1938 m x 2 m x 1.5 m) will be provided around mine site. One sump of 3000 cum (40 m x 25 m x 3 m) will also be constructed..
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. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
21. The existing and proposed land use plan of the mine is as follows:

S.No.	Particular	Existing	5 th year end	10 th year end	15 th year end	20 th year end	Conceptual Period
1	Total area excavated (broken)	0.10	6.70	16.0	26.0	30.0	(35.0)
2	Area fully mined out (out of 1)	Nil	5.0	12.0	20.0	27	(35.0)
3	Area fully reclaimed (Backfilled out of 2)	Nil	3.2	9.0	17.0	23.0	(35.0)
4	Area rehabilitated out of 3 by afforestation	Nil	2.0	7.0	15.0	20.0	35.0
5	Area reclaimed for water harvesting	Nil	Nil	Nil	Nil	Nil	Nil
6	Total area under dumps	0	0	0	0	0	0
7	Area under active dumps	Nil	Nil	Nil	Nil	Nil	Nil
8	Area under mineral stack	Nil	Nil	Nil	Nil	Nil	Nil
9	Area under Road	0.20	0.25	0.25	0.25	0.25	Nil
10	Area under Green belt	0	1.0	3.518	3.518	3.518	3.518
11	Area under infrastructure	0	0.02	0.02	0.02	0.02	0
12	Undisturbed Area	38.218	30.548	18.730	8.730	4.730	Nil

22. 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.
23. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
24. The commitments made in the public hearing are to be fulfilled by the PP.

25. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
26. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

27. In the proposed EMP, capital cost is Rs. 17.00 Lakh is proposed and Rs.13.00 Lakh /year as recurring expenses.
28. Under CSR activity, Rs. 4.00 Lakh are proposed as capital and 3.25 Lakh /year recurring expenses respectively in different activities and should be implemented through respective committees.
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 25.11.2019.
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.

4. Case No. - 5554/2017 Shri Kishanchand Thadlani, 72, Shahpura, Katni, MP – 483501 Prior Environment Clearance for Limestone & Dolomite Mine in an area of 4.20 Ha. (21,473 ton per annum) (Khasra no. 252) at Village- Bhatgawan Sunhera, Tehsil - Murwara, Dist. Katni (MP).EIA Presentation. Env.Consultant: M/s C.E.S., Bhopal.

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 252) at Village- Bhatgawan Sunhera, Tehsil -Murwara, Dist. Katni (MP) 4.20 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-4612, dated: 28/10/15, has reported that there are 08 more mines operating or proposed within 500 meters around the said mine with total area of 63.15 ha including this mine.

The case was presented by the PP and their consultant in 76th SEAC-II meeting dated 23/05/2017, wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 03/09/2019 which was forwarded through SEIAA vide letter no. 2401 dated 25/09/2019 which was placed before committee.

The case was scheduled for the EIA presentation and discussion in 401st SEAC meeting dated 01/11/2019 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 of SEAC.

In this meeting EIA was presented by the PP and their consultant wherein during presentation following details were submitted by the PP: Topography of the area is almost plain highest elevation of the area is 440 m while lowest elevation in the area is 438 m. Elevation difference between lowest and highest elevation is 2m.

Handling of Waste/ Sub-grade Material: The stripping ratio at the mine is 1:0.22, the overburden and soil will generated shall keep as per the approved mining plan, at designated area. The details of waste are as follows:

Year	OB/Soil m ³	Intercalated Waste m ³
1 st	1525	935
2 nd	1250	945
3 rd	1400	900
4 th	1150	921
Total	5325	3701

Chemical Constituents:

Constituents	Limestone	Dolomite
LOI	42.02 %	44.40 %
SiO ₂	2.35 %	3.80 %
CaO	51.59 %	28.10 %
MgO	1.65 %	20.32 %
Fe ₂ O ₃	0.64 %	0.32 %
Al ₂ O ₃	0.88 %	0.66

Mining Methodology:

It's a semi mechanized open cast mine, explosive used for removal of harder portion of rock. The out corp. deposits of dolomite is found in ML. the excavation for limestone will be carried out at the depth of 15m, with benches.

Blasting:

Controlled Blasting shall be carried out from put side authorized agencies. The blasting parameters are as follows:

Powder factor in ore and over burden

- 1- Spacing - 1.2 m
- 2- burden - 1.2 m
- 3- Depth of hole - 1.15 m
- 4- Charge per hole - 0.450 Gms for 1.0 m deep hole
- 5- Powder factor - 6 to 8 t/kg
- 6- Dia of Hole - 30mm

Existing Trees:

6 Nos of Palash Trees are exists in the lease area, the same of shall be protected. No tree cutting is required.

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

1. Revised water balance as suggested by committee.

2. Revised EMP activities with appropriate budget for vocational training and with revised water requirement for increase number of proposed plantation as suggested during presentation by the committee.
3. Revised CER activities by adding traffic rule awareness camp and school activities as suggested during presentation.
4. Revised plantation proposal for 4200 nos. plant & species.
5. Revised dimensions of settling tank as suggested during presentation.
6. Commitment of PP for no tree cutting.

PP has submitted the response of above quarries vide letter dated 25/11/2019 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 Limestone & Dolomite Mine in an area of 4.20 Ha.. Capacity 21,473 ton per annum at Khasra No. 252 Village - Bhatgawan Sunhera, Tehsil - Murwara, Dist. Katni (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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.

12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease. All the necessary precautions enumerated under 106 (2) (b) of MMR 1961 shall be followed.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. 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.
20. 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 conceptual plan of the mining lease area 1.40 ha. area shall be planted where approximately 4,200 trees shall be planted on within lease area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. 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. Garland Drains: - 2 Nos. Dimension: - 130m x 1.5m x 1m, Settling Tank: - 2 Nos. Dimension:- 2m x 2m x 1m.
25. 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. Four water bodies cum settling tank have been observed in lease area. The de-silted water has been used for dust suppression, plantation.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed **Conceptual Plan of the Mining Lease Area** of the mine is as follows:

S.No	Heads	At Present in ha	At the end of 5 yrs in ha	At the end of conceptual period in ha
1.	Total area excavated	0.5517	1.0842	1.6338
2.	Area fully backfilling	-	-	0.58
3.	Area reclaimed by water harvesting	-	-	0.5950
4.	Area rehabilitated by bench plantation	-	-	0.3840
5.	Total area under dump	0.1064	0.2821	-
6.	Area under road	0.039	0.039	-
7.	Area under green belt	0.021	0.036	1.02
8.	Virgin area	3.4819	2.75 8	-
	Total area	0.7181	1.4413	4.20

28. 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.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 25.56 Lakh is proposed and Rs. 2.45 Lakh /year as recurring expenses.
34. Under CER activity, Rs. 1.50 Lakh are proposed as per year in different activities and should be implemented through respective committees.
35. 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.
36. 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.

37. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
38. PP will comply with all the commitments made vide letter dated 25.11.2019.
39. 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.

5. Case No. - 5816/2019 M/s Unidrug Innovative Pharma Technologies Ltd, Plot No. 84, Sector E, Sanwer Road, Industrial Area, Indore, M.P. SIA/MP/IND2/30358/18. Prior Environment Clearance for Capacity Expansion of Manufacturing of Bulk Drug & Intermediate Production Capacity- 1200 TPA & 400 TPA at (Khasra No. 84A, 84B, 85A, 85B, 86B & 72B) Sanwer Road, Indore (MP). EIA Presentation. Env.Consultant: M/s C.E.S., Bhopal.

This is a case Prior Environment Clearance for Capacity Expansion of Manufacturing of Bulk Drug & Intermediate at (Khasra No. 84A, 84B, 85A, 85B, 86B & 72B) Sanwer Road, Indore (M.P.) Capacity – 1200 TPA & 400 TPA ha. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was presented by PP and their consultant in 339th SEAC meeting 29/01/2019 wherein ToR was recommended

PP has submitted the EIA report vide letter dated 26/10/2019 which was forwarded through SEIAA vide letter no. 3236 dated 20/11/2019 which was placed before committee.

The EIA was presented by the PP and their consultant wherein following project details were submitted by the PP:

Salient Features of Proposed Project:

Project Name	Capacity expansion in Manufacturing of Bulk drug and Intermediates
Production capacity	180 TPA to 1200 TPA of bulk drug and drug Intermediate & 400 TPA as Non EC product
Estimated Project Cost	Existing : 4.33 Crore Additional : 13.25 Crore (Total = 17.58 Crore)

(Capital)	Existing : 0.72 Crore Additional : 1.25 Crore (Total= 1.97 Crore)
EMP Cost Recurring	Existing : 10 Lacs Proposed : 20.57 Lacs
Acquired Land	5518.09 sq mtrs
Total Water Consumption	Existing : 15.50 KLD Additional : 113.50 KLD (Total= 129 KLD)
Net fresh Water Consumption	92.18 KLD as 36.82 KLD of treated water will be recycled.
Source of Water Supply	AKVN
Waste Water Generation	Existing : 1.25 KLD Additional : 25.60 KLD (Total= 26.85 KLD)
Proposed Treatment Facility	ETP of 50 KLD, RO of 20 KLD, MEE of 30 KL/day. The treated water will be used for cooling towers, floor washing and green belt.
Source of power supply	Madhya Kshetra Vidyut Vitaran Company
Power Requirement	Existing : 124 KVA proposed : 600 KVA Total : 724KVA
Fuel Options Coal/Agro waste (TPD) FO (Lit/Hr)	Existing : Nil proposed : 20 MT/day Total : 20 MT/day Existing : 38 proposed : Nil Total : 38
Major equipments	Reactors, Centrifuge, Vacuum Try Dryer, Filters, Boiler, Cooling Tower, MEE, ETP and RO etc.
Green belt (sq mt)	Existing : 45 proposed : 375.97
Employment generation	Existing : 65 proposed : 70 Total : 135
CER Cost	Capital : 15 Lacs Recurring : 3.0 Lacs

- **UNIDRUG INNOVATIVE PHARMA TECH. LTD (UIPTL)**, a public limited company listed, belongs to reputed industry house. UIPTL is proposing Capacity expansion in manufacturing of Bulk drugs and its intermediates in line with initiative taken by Govt of India “ Make In India “ .
- Industry has proposed to increase the production capacity of Basic drug and API from 180 TPA to 1200 TPA along with by product of 400 TPA.
- The expansion is proposed in the company’s existing premises having land of 2061.2 sq mt (existing) + 3456.89 sq mt (proposed) = Total 5518.09 sq mt. The total fixed cost of proposed expansion project will be INR 13.25 Crore.

- The major facilities involved are Boiler (3 TPH) , MEE, Reactors, Cooling Towers, Effluent Treatment Plant (ETP), and R.O Plant Facilities like administrative office, parking and greenbelt/plantation will also be developed as per plan/requirement.
- The industrial water requirement for the existing project is 15 KL per day which will be increased to a 129 KLD and sourced from surface water supply. Total cumulative waste water generation from existing and proposed unit will be 26.85 KLD and treated in ETP of 50 KLD, RO of 20 KLD, MEE of 30 KL/day respectively. The net fresh water requirement shall be 92.18 KLD. The rejected water will be reused for floor washing and gardening/green belt. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, Pre processing, Co processing in cement plant, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016).

List of Plant & Machinery

Production Equipment	Existing	Proposed	Total
Reactors	12	13	25
Centrifuge	06	06	12
Glass Assembly	02	02	04
Dryer (TD)	05	02	07
Multi Mill	02	02	04
Sifter	02	03	05
Nutche Filter	01	00	01
ANFD	NA	01	01
Pressure Filter	01	00	01
Leaf Filter	NA	NA	NA
Sparkler Filter	03	02	05
Alkali Scrubber	01	02	03

PP stated that this proposed expansion unit would be ZLD based and solvent recovery shall be 95-97%. PP further submitted that old boiler of 600 kg/hr will be replaced with new boiler. After deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Capacity Expansion of Manufacturing of Bulk Drug & Intermediate from 180 TPA to 1200 TPA at Plot No. 84A, 84B, 85A, 85B, 86B & 72B Sector E, Sanwer Road Industrial Area, Indore, (M.P). Subject to the following special conditions:

Proposed Products and Production Capacity

Existing and Proposed Products	
S.No.	Products
1	Tranexamic acid
2	Xanthinol Nicotinate
3	Febuxostat
4	Pamabrom
5	Mefenamic acid
6	Valproic Acid
7	Tinidazole
8	Ofloxacin
9	Benfotiamine
10	Tolfenamic acid
11	Sodium Valproate
12	Divalporex Sodium
13	Magnesium Valproate
14	Calcium Valproate
15	Pregabalin
16	Nitazoxanide
17	Disulfiram
18	Deflazacort
19	Ornidazole
20	Fluconazole
21	Ethamsylate
22	Theobromine
23	Methyl Cobalamine
24	Sildenafil citrate
25	Clopidogrel Bisulfate
26	Guaifenesin
27	Methocarbamol

28	Allopurinol
29	Ketoconazole
30	Luliconazole
31	Deferasirox
32	Alprazolam
33	Propranolol HCl
34	Olanzapine
35	Dothiepin HCl
36	Doxylamine Succinate
37	Itraconazole
38	Bupropion HCl
39	Rifaximin
40	Teneligliptin
41	Flufenamic acid
42	Carisoprodol
43	Erythromycin Stearate(Existing Product)
44	Erythromycin Estolate
45	Erythromycin:(Base)
46	Chloramphenicol
47	Chloramphenicol Palmitate
48	<i>Strontium Ranelate</i>
49	Glimepiride
50	Albendazole
51	Fenbendazole
Total	1200 TPA
Non-EC Products	
1	M-Flux
2	Ammonium Sulfate
3	Ammonium Chloride
4	Various sodium and Potassium Salts
5	Tranexamic acid
Total	400 TPA

(A) Statutory compliance:

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time & permission of competent authority if ant tree falling is to be carried out.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(B) Air quality monitoring and preservation

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
4. PP shall maintain the minimum 30 meters stack height of boiler.
5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

6. The DG sets (82.5 kVA and 500 KVA) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
7. A boiler of 3.00 TPH shall be provided with bag filter to control the emission limit as prescribed by MPPCB.
8. DG exhaust will be discharged at height stipulated by CPCB.
9. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
10. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

1. The project proponent shall provide online continuous monitoring of effluent (if applicable), the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
2. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
3. The net fresh water requirement shall be 92.18 KLD. The rejected water will be reused for floor washing and gardening/green belt. The treated water will be used for cooling towers, floor washing and gardening/green belt.
4. The waste water generation shall be (26.85 KLD) be segregated as high COD/high TDS, Low COD, Low TDS and domestic effluents. The HCOD/HTDS shall be neutralized and sent to stripper followed by MEE and ATFD. LCOD/LTDS effluent shall be treated in ETP with domestic effluent followed by RO system. The treated effluent shall be entirely reused and recycled in cooling tower make-up.
5. The industrial water requirement for the existing project is 15.50 KL per day sourced from surface water supply. Total cumulative waste water generation from existing and proposed unit will be 26.85 KLD and treated in ETP of 50 KLD, RO of 20 KLD and MEE of 30 KL/day respectively.
6. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.

7. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
8. Total fresh water requirement shall not exceed 92.18 KLD.
9. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
10. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
11. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. Acoustic enclosure shall be provided to 500 KVA DG sets for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(E) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 600 KVA. The power will be supplied by Power Generator i.e. Grid power.

(F) Waste management

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. As proposed, 95-97% solvent recovery shall be achieved and recovered solvent shall be reused in the process.

3. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDf, Dhar.
4. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
5. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
6. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
7. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
8. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
9. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
10. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
11. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
12. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
13. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
14. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
15. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
16. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material

substitutes in other processes.

- c. Use of automated filling to minimize spillage.
- d. Use of Close Feed system into batch reactors.
- e. Venting equipment through vapor recovery system.
- f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

1. 375.97 sq. meter area will be covered with the good green belt and 225 trees will be planted. The green belt of 5-10 m width will be developed mainly along the periphery and road side. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. 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. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
3. PP shall also develop green belt along the road with 100 numbers of trees. Further PP shall develop green belt over community places in consultation with DIC or IMC.

(H) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) Corporate Environment Responsibility

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
5. The proposed EMP cost is Rs. 103 Lakhs as capital and 7.72 Lakhs /year as recurring cost.
6. Under CER activity, Rs. 13.25 Lakhs and 0.50 Lakhs /year as capital and recurring costs has proposed for different activities. PP shall comply with the commitment of providing infrastructure facility at school and skill development programme.
7. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

8. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

J. Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
 3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
 4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 5. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.
6. **Case No. -5178/16 Shri Ramnaresh Jaiswal C/o Shri Sharda Prasad Jaiswal, Kawasji Ward, Near Vivekanand Chowk, Post-ACC, District-Katni (MP)-483504. Prior Environment Clearance for Padrehi Limestone Mine in an area of 1.732 ha. (55,000 TPA) at Khasra No.-97, Village-Padrehi, Tehsil-Vijayraghgarh, District-Katni (MP).**

This is case of Padrehi Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-97, Village-Padrehi, Tehsil-Vijayraghgarh, District-Katni (MP) 1.732 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. 18, dated: 02/01/16 has reported that there are 05 more mines operating or

proposed within 500 meters around the said mine with total area of 136.57 ha including this mine.

The case was presented by the PP and his Consultant in 34th SEAC-II meeting dated 25/06/2016, wherein ToR was recommended

PP has submitted the EIA report vide letter dated 24/10/2019 which was forwarded through SEIAA vide letter no. 3148 dated 15/11/2019.

The case was scheduled for the presentation 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.

7. Case No. - 5663/2018 Shri Ankit Bhasin Nut Bolt House, Bus Stand, Katni, MP Prior Environment Clearance for Limestone Mine in an area of 2.50 Ha. (23,500 ton per annum) (Khasra no. 54, 56) at Village- Padrehi, Tehsil - Vijayraghavgarh, Dist. Katni (MP). EIA Presentation. Env.Consultant: M/s C.E.S., Bhopal.

This is case for Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The Project in an area of 2.50 ha. for capacity enhancement of lime stone production from 5000 TPA to 23,500 TPA at Padrehi Teshil- Vijayraghogarh, Dist. Katni (MP). The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and his Consultant in 311th SEAC meeting dated 16/04/2018, wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 20/11/2019 which was forwarded through SEIAA vide letter no. 3278 dated 21/11/2019

The EIA was presented by the PP and their consultant wherein following project details were submitted by the PP:

Salient Features of the project :

Project	To obtain EC for capacity expansion of Padrehi Limestone Mine (2.50 ha)
Project Proponent	Shri Ankit Bhasin , Katni (M.P.)

New mine/ existing mine	Existing mine. Existing capacity – 5000TPA
Lease period	50 year from 16.08.1990 to 15.08.2040
Location of Project & Khasra No.	Khasra No. : 54,56 Padrehi, Tehsil –Vijayraghogarh & Dist - Katni (M.P),
Lease area and Production	Area : 2.50 ha, Proposed production : 23500 TPA
land use of lease area	Govt. Land
No. of mine located with 500m radius	1. Shri Mool Chand Chaurasia -1.21 ha 2. M/s Sanghi Infrastructure- 54.24 ha 3. M/s Sanghi Infrastructure- 4.02 ha
Elevation (AMSL)	390-378 m MSL
Surrounding features	S- Waste land, N- Waste land, E- Waste land, W-Other Mines

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	2.50 ha
Existing Pits & Quarries	0.6686ha
Existing Dumps	0.4899ha
Infrastructure and road	Nil
Plantation	Nil
Total geological Reserve	388726 MT
Total Minal Reserve	321445 MT
Method of mining	Manual
Existing depth of pit	12m bgl (378 m AMSL)
Ultimate Depth of pit	12 m bgl (378 m AMSL)
Expected Life of Mines	14 years
Stripping Ratio	1:0.57 to 1:0.68
Existing mode to transportation	Road
Area to be covered under dumps in conceptual period	Nil
Area covered under pit in conceptual period	2.2353 ha
Area to be reclaimed till conceptual period	0.7041 ha
Area to be rehabilitated by afforestation in conceptual period	1.1791 ha

Area to be covered under water reservoir	1.5312 ha
Ground water table	
Monsoon season	30 m bgl (360 m AMSL)
Pre monsoon season	40m bgl (350 m AMSL)
Production per day (T)	78 MT
Truck per day (24t)	3.25 @ 4 Nos
Prospective clients	Cement plant

Environmental Setting of the project :

Particulars	Details
Locations	
Village	Padrehi
Tehsil	Vijayraghogarh
District	Katni
State	MP
Nearest National/state Highway	Kymore – Bhadanpur Road- 0.60 km – S Kymore – Jamuniya Kala Road- 0.50 km – N
Nearest Railway Station	Bhadanpur Railway Station – 7.50 km - N
Nearest Airport	Satna - 55.0 km
Nearest Tourist Place	None in 10 km radius
Nearest hill range with in 10 km radius	Kymore hill – 0.50km - N
Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10 km radius
Reserved / Protected Forest within 10km radius (Boundary to boundary distance)	Surma R.F. -0.75 km – NWN Hardua R.F.- 9 km - S
Nearest major city with 100000 population	Nil
Nearest village	Tola – 0.30 km - NE
Nearest Town	Vijayraghogarh– 13.0 km
Nearest River/ Pond/ Tank/ Nalla	Tamas River – 5.50 km – N Jumwani Nalla – 3.25 km – E
Industry within 10km radius	ACC Kymore – 8.00 km Reliance Cement- Bahurali – 8.25km

Method of Mining:

- Opencast manual mining is proposed by using hand tools such as spades, chisel, hammer etc.
- Light drilling and blasting will be required to break the rock strata for easy excavation.
- Lump of Limestone will be transported from pit bottom to surface by manually on head load using pan etc.
- The area has been developed with two pit (0.6686 ha) up to 378m AMSL with one bench soil and two mineral benches.
- During the proposal period 1.2847 ha area will be broken around Pit-1. One bench in soil and three benches in mineral are proposed with height of 3 m and 4.5 m respectively up to 378 m AMSL.

- During the conceptual period 6-8m wide haulage roads will be maintained and developed at required places with gradient of 1:16.
- At the end of conceptual period, about 2.2353 ha area will be excavated upto 378 m AMSL. Out of this about 0.7041 ha area will be backfilled using mine waste and rest of mined out area i.e. 1.5312 ha are will be converted as water reservoir with proper fencing.
- At the end of conceptual period about 1.17918 ha area will be afforested with 2350no of trees.

The case was presented by the PP and their consultant wherein after presentation the EIA/EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for Limestone Mine in an area of 2.50 Ha. Capacity expansion from 5000 to 23,500 ton per annum at Village- Padrehi Teshil-Vijayraghgarh, Dist. Katni (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 maintained and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.

(B) MINING OPERATIONAL PHASE

- 10.No overcharging during blasting to avoid vibration.

11. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
12. Working height of the loading machines shall be compatible with bench configuration.
13. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
14. No explosive will be stored at the mine site.
15. No intermediate stacking is permitted at the mine site.
16. No dump shall be stacked outside the lease area.
17. Overhead sprinklers shall be provided in mine.
18. 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.
19. At the end of conceptual period total 2.2353 ha. area shall be developed as green belt.
20. 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 2,350 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. 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.
25. The size of the drain will be as -

Garland drain no.	Location of Garland drain	Size mL X mW X mD
	Proposed garland drain	
PGD_1	P_1 to P_5	356.00 X 1.00 X 1.00
PGD_2	P_1 to P_8	96.00 X 1.00 X 1.00
PGD_3	P_5 to P_6	88.00 X 1.00 X 1.00

26. The Eight settling pits and two settling tank will of following size as:

Identified Drain With No.	No. of Settling Pit	Size of Settling Pit (M) W X L X D
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PGD_1	PSP_1 to PSP_4	5.0x1.35x1.5
PGD_1 & PGD_2	PSP_5	5.0x1.35x1.5
PGD_2	PSP_6	5.0x1.35x1.5
PGD_3	PSP_7 to PSP_8	5.0x1.35x1.5

Details of Proposed settling Tank			
Settling tank no.	Location	Size	Capacity of tank in KL
PST-1	Between P_5 & P_4	0.13ha x 6mD	7800.00
Existing water body	Near P-6	0.25hax 8m D	20000.00
Total			27800.00

27. 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.
28. For dust suppression water spraying system shall be provided while on transport road for dust suppression tankers shall be provided.
29. The existing and proposed land use plan of the mine is as follows:

Conceptual Plan		
Items	Existing	Conceptual Period
Total lease area	2.50 ha	
Ultimate depth of mining	12 m bgl (378 m MSL)	12 m bgl (378 m MSL)
Ultimate pit slope	75degree	45 degree
Area under dumps	0.4899ha	Nil
Area under pits	0.6686 ha	2.2353 ha
Infrastructure & Road	0.0558ha	Nil
Mineral storage	Nil	Nil
Plantation	Nil	0.2250 ha
Un-worked area	1.2857 ha	0.0397ha
Total	2.50 ha	2.50ha
Water body	0.25ha	1.5312 ha
Area to be reclaimed	Nil	0.7041 ha
Plantation		
Un-worked area	Nil	0.2250 ha (450 Nos.)
Backfilled area	Nil	0.7041 ha (1400Nos.)

Bench area	Nil	0.25ha (500 No.)
Total area for plantation	Nil	1.1791ha (2350 Nos.)

30. 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.
31. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
32. The commitments made in the public hearing are to be fulfilled by the PP.
33. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
34. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

35. In the proposed EMP, capital cost is Rs. 29.75 Lakh is proposed and Rs. 10.31 Lakh /year as recurring expenses.
36. Under CSR activity, Rs. 2.00 Lakh as capital and Rs. 2.00 Lakh /year as recurring expenses are proposed in different activities and should be implemented through respective committees.
37. 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.
38. 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.
39. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
40. 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.

8. **Case No. – 6620/2019 Smt. Ambika Sharma W/o Mohandutt Sharma, Ward No. 07, Shreeram Dharmashala, Jai Stambh Chowk, Dist. Sheopur, MP – 476337 Prior Environment Clearance for Stone Quarry in an area of 4.950 ha. (174333.6 tonne per annum) (Khasra No.21/1/1), Village - Kaithau Pahadi, Tehsil - Tikamgarh, Dist. Tikamgarh (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No.21/1/1), Village - Kaithau Pahadi, Tehsil - Tikamgarh, Dist. Tikamgarh (MP). 4.950 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. Nil dated: 26/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation 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.

9. **Case No. – 6654/2019 M/s Chetak Enterprises, Shri Manohar Lal Anjana S/o Bheru Lal Anjana, R/o Village - Kesunda, Tehsil - Chhotisadri, Dist. Pratapgarh Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (25,000 cum per annum) (Khasra No. 1/2), Village - Bisalwaskhurd, Tehsil - Neemuch, Dist. Neemuch, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/2), Village - Bisalwaskhurd, Tehsil - Neemuch, Dist. Neemuch, (MP).4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 1106 dated: 08/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation 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.

10. Case No. – 6629/2019 Shri Rajmal S/o Shri Bhav Singh, R/o Village - Kundkheda, Tehsil - Manasa, Dist. Neemuch, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (20,000 cum per annum) (Khasra No. 1191), Village - Hatuniya, Tehsil - Manasa, Dist. Neemuch (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1191), Village - Hatuniya, Tehsil - Manasa, Dist. Neemuch (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 726 dated: 27/8/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for the presentation in 405th SEAC meeting dated 08/11/2019 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.

This case was presented by the PP and their consultant wherein: During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pakka Road	10	North-East	<ul style="list-style-type: none"> • Set back of 40 meters and controlled blasting with arrangements of sand bags • Three rows of plantation will be done towards this side.

After presentation the committee asked to submit following details:

- PP's commitment for setback of 40 meters show on surface map.
- Revised CER with name of five villages.

PP has submitted the response of above quarries same date vide letter dated 25.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 15,06,00 Lakh as capital and Rs. 3,17,500 Lakh/year and under CER Rs. 1.20 Lakh has proposed for five years.
3. PP shall maintain the Setback of 40 meters from the Pucca road.

11. Case No. – 6529/2019 M/s Shreenathji Infrastructures, Partner Shri Uday Prakash Tiwari, 31, Gulmohar Park, Rajendra Nagar, Dist. Bareilly, UP, Prior Environment Clearance for Crusher Stone quarry in an area of 1.290 ha. (45,864 cum per annum) (Khasra No. 23, 26), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior.

This is case of Crusher Stone quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23, 26), Village - Lakhanpura, Tehsil - Dabra, Dist. Gwalior (MP) 1.290 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, 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 Office letter No. 6175 dated: 12/02/2019 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine total area of 2.43 ha., including this mine.

Earlier this case was scheduled for the presentation in 400th SEAC meeting dated 31/10/2019 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.

The case was scheduled for the presentation 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.

(Dr. Sonal Mehta)
Member

(Dr. A.K. Sharma)
Member

(Dr. Mohd. Akram Khan)
Member

(R.S.Kori)
Secretary

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. 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. 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.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.

14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. 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.
16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. 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.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. 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 trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys 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.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
 7. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
 8. 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.
 9. No Mining shall be carried out during Monsoon season.
 10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
 11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring 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.
 12. 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.
 13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
 14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
 15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
 16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
 17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
 18. 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. 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.
 19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

20. 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.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. 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.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
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 mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty

- replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
 15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
 16. 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. 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.
 17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 18. 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.
 19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
 20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
 21. 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.
 22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. 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.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.

6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. 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.
12. 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.
13. Grant of TOR does not mean grant of EC.
14. 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. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. 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.
16. 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.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. 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.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. 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.
22. 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.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples.

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.

26. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
27. Detailed analysis of availability and quality of the drinking water resources available in the block.
28. 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.
29. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.