

The 543rd meeting of the State Expert Appraisal Committee (SEAC) was held on 27th January, 2022 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

1. Shri Raghvendra Shrivastava, Member.
2. Prof. (Dr.) Rubina Chaudhary, Member
3. Dr. A. K. Sharma, Member.
4. Prof. Anil Prakash, Member.
5. Prof. (Dr.) Alok Mittal, Member
6. Dr. Jai Prakash Shukla, Member.
7. Dr. Ravi Bihari Srivastava, Member.
8. Shri A.A. Mishra, Member Secretary.

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

1. **Case No 8173/2021 M/s. Devashish Stone Crusher, Shri Atin Garewal S/o Shri Gulabdas Garewal, R/o, Bindra Colony, Tehsil & Dist. Chhindwara, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (66738 cum per annum) (Khasra No. 290/2/1, 291/1/2, 292/2/1, 291/2/2), Village - Thanvari, Tehsil - Seoni, Dist. Seoni (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 290/2/1, 291/1/2, 292/2/1, 291/2/2), Village - Thanvari, Tehsil - Seoni, Dist. Seoni (MP) 4.0 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. 628 dated: 01/09/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 7.85 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 482nd SEAC dated 17/02/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Dr. R.K. Pandey from M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P. on behalf of PP during presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is already excavated in the NE side of the lease, some sheds area existed a canal is also existed in the NE-NW direction at a distance of 150 m. Also a pucca road is existed in the SW PP submitted that a haulage road adjacent to the lease PP also stated that 50 m setback shall be provided along the periphery of the lease in the SW –SE side of the lease wrt passage for nearby farmers, a canal which is passing in the NE direction is a distributaries canal of Bhingarh reservoir is 150m and a settling tank will be proposed in NE direction to protect sedimentation run off. PP stated that total 05 tree are existed within lease are of Palash (05 no. girth 21-61 cm GBH) in the barrier zone of the mine lease area and no tree felling is proposed.

After presentation and deliberation, PP was asked to submit following information:

1. Shortcomings in the EIA report as suggested by the committee.

EIA Shortcomings

- S.No. 27 of Compliance of TOR Reply seems, Impact of the Project on the water quality, both surface and groundwater was asked and reply includes Chapter 4, sub para - 4.2 to 4.8. However only Section 4.4 is relevant.
- S.No. 34 of Compliance of TOR Table 2.5.3 is not available in EIA
- S.No. 43 of Compliance of TOR Table 10.2 is not available in EIA
- S.No. 1 of Additional TOR Point Section 3.8 of EIA report, reply is not very specific girth of trees also mismatch.
- S.No. 3 of Additional TOR Point, Figure 4.5 is irrelevant, needs a more specific photograph
- S.No. 4 of Additional TOR Point, Figure 4.5 is irrelevant
- S.No. X of Other Conditions, Table 1.3 does not contain the desired information
- S.No. 2 of General Conditions, Reply is unaccepted, Section 3.8.1 contains only details of fauna not flora.

2. PP's commitment 50 m setback shall be provided along the periphery of the lease area in the SW –SE side of the lease wrt passage for the nearby farmers.
3. Justify/recalculate mineral waste quantity for OB & soil with time plan & location.
4. Surface run-off management wrt rain water and this should be matched with specification of settling tanks/ size of garland drain.
5. Revised water requirement for plantation, dust suppression & for domestic with back-up calculation..
6. Detailed evacuation plan with transport route.

7. Revised land -use details.
8. Revised plantation scheme & species as suggested by the committee.
9. Revised EIA report based on above changes as suggested by the committee.

PP vide their letter dated 27.01.2022 submitted query reply along with revised EIA (hard copy) 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 Stone Quarry in an area of 4.0 ha. (66738 cum per annum) (Khasra No. 290/2/1, 291/1/2, 292/2/1, 291/2/2), Village - Thanvari, Tehsil - Seoni, Dist. Seoni (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.

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 landscape plan & EMP a minimum of 4800 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. The size of the drain will be 1286M X 1.5M X 2M. The settling tank will be 02 in number of size 10mx 2m x 2m.
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. 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.
28. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
29. The commitments made in the public hearing are to be fulfilled by the PP.
30. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

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

(C) ENTIRE LIFE OF THE PROJECT

32. In the proposed EMP, capital cost is Rs. 18.11Lakh is proposed and Rs 8.45 Lakh /year as recurring expenses.
33. Under CER following physical target based activities has proposed by PP :

CER Activities (as per public hearing minutes)	Amount (Rs.)
To contribute in construction of boundary wall around the Primary school, Thanvari	1,00,000
Facility of water filter (with proper water channelization system and installation of 2000 ltr. Water tank) will be provided in Middle School, Thanvari	20,000
To provide toilets facility in primary school of Thanvari	50,000
Total	1,70,000

34. 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.
35. 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.

2. **Case No 8185/2021 M/s Satguru Cements Pvt. Ltd, Shri Rajesh Bansal, Director, 601, Airen Heights, PU-3, Scheme No. 54, Opposite C-21 Mall, AB Road, Dist. Indore, MP - 452010 Prior Environment Clearance for Limestone Deposit in an area of 6.773 ha. (Expansion from 7600 Tonne per annum to 300000 Tonne per annum) (Khasra No. 160, 162, 203, 167, 168, 169), Village - Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP) M/s. Creative Enviro Services, Bhopal**

This is case of Limestone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 160, 162, 203, 167, 168, 169), Village -

Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP) 6.773 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 484th SEAC dated 24/02/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Umesh Mishra from M/s. Creative Enviro Services, Bhopal and their representatives on behalf of PP. During presentation wherein PP submitted that it's a case of expansion of Limestone from 7600 TPA to 3,00,000 TPA. This is captive in nature and lime stone will be used for cement plant of project proponent. The project has been proposed for the Mining of limestone over Govt Waste Land by open cast through mechanized method. The project has been accorded Environment clearance vide no 1233-1234/SEIAA/18 dated 30.07.2018. The MoEF&CC and certified compliance report was issued on 25.10.2021 vide letter no 18-B-184/2020(SEAC)/700.

PP further submitted that mining will be confined to the allotted lease area which lies on the Govt. waste land from which from 7600 TPA to 3,00,000 TPA of lime stone will be excavated per annum after expansion. The lease area is divided into three block namely Block-A, Block-B Block-C. The Lime stone deposit is coralline and nodular type in nature. The initial working will be done over Block A. The mining lease has been granted in favour of M/s Satguru Cement over an area of 6.77 Ha on Khasra No 160, 162, 167, 168, 169, 203 situated in Village Ghursal Tehsil- Gandhwani &, District Dhar M.P. Mining will be carried out on the basis of govt. consent order for mining operations for 50 years. The total minable area is only 2.6078 ha.. A total mineable reserve as per the mining plan is 55,0553 Tonne & with maximum of production of Lime Stone mineral of 3,00,000 TPA after capacity expansion. The proposed project is an opencast and fully mechanized mining project, where mining of lime stone will be done through drilling, blasting/ rock breaker, Jack hamer etc.. After presentation committee observed that in the previous EC mentioned that 2000 trees are to be planted while mine management planted only 300 trees as planted in the first year.

After presentation committee asked PP to submit response on following issues

1. Clarification as mine management has planted 300 trees in first year instead of 2000 trees as mentioned in previous EC.
2. Revised future proposed plantation/green belt development Scheme.
3. Commitment towards maintenance of plantation after closure of mine for 5 years
4. Revised CER activities with budget as suggested by the committee.
5. Revised budget for EMP in consideration with revised Plantation and CER

PP vide their letter dated 27.01.2022 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 Capacity expansion in excavation of Ghursal a Limestone Deposit in an area of 6.773 ha. (From 7600 TPA to 3,00,000 TPA) at Khasra No. 160, 162, 167, 168, 169, 203, Village – Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP) of M/s Satguru Cement 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. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

10. Muffle with none system for Blasting shall be adopted for proposed mining and no secondary blasting shall be done and rock breaker will be used instead secondary blasting only.
11. Working height of the loading machines shall be compatible with bench configuration.
12. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
13. No explosive will be stored at the mine site.
14. No intermediate stacking is permitted at the mine site.
15. No dump shall be stacked outside the lease area.
16. Overhead sprinklers shall be provided in mine.
17. 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.
18. 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 4300 trees shall be planted on barrier zone, backfilled area, and in the village 7000 No of fruit bearing trees shall be distributed.
19. Transportation of material shall be done in covered vehicles.
20. Transportation of minerals shall not be carried out through forest area.
21. The OB shall be reutilized for maintenance of road and for back filling. PP shall bound to compliance the final closure plan as approved by the IBM.
22. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The existing size of drain is 252m X 0.5m X1.0m and one more drain is proposed having dimension of 73m X 0.5m X1.0m. One settling tank having size of 216M² X 5.0 mD has been observed whereas another setting tank having dimension of 1639M² X 5.0 mD is proposed
23. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development. Regular de-silting of drains and pits should be carried out.
24. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
25. The existing and proposed land use plan of the mine is as follows:

Items	Existing	SOM Period	Conceptual Period
Total lease area	6.773 ha		
Ultimate depth of mining	2-3m	4m bgl (278m AMSL)	4m bgl (278m AMSL)
Ultimate pit slope	80 degree	45 degree	45 degree
Area under dumps	Nil	-	-
Area under pits	0.1087ha	2.0609 ha	2.1599 ha
Infrastructure & Road	0.005ha	0.01ha	Nil
Garland drain	0.10ha	0.30ha	0.30ha
Settling tank	0.10ha	0.50ha	0.50ha
Mineral storage	Nil	Nil	Nil
Plantation	0.40ha	0.40 ha	0.40ha
Un-worked area	6.0593ha	3.5021 ha	3.4131 ha
Total	6.773 ha	6.773 ha	6.773 ha
Water body	0.10ha	1.575ha	1.575ha
Area to be reclaimed	Nil	Nil	0.0525ha
Plantation			
Un-worked area	0.40ha (300no.)	0.40 Ha (800No.)	0.40 ha (800 No)
Backfilled area	Nil	Nil	0.0525 Ha (100 No.)
Bench area	Nil	Nil	1.0475 Ha (2100No.)
Total area for plantation	0.40ha (300no.)	0.40 Ha (800No.)	1.50 Ha (3000 No.)

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

(C) ENTIRE LIFE OF THE PROJECT

31. In the proposed EMP, capital cost is Rs. 20.88 Lakh is proposed and Rs.17.002 Lakh /year as recurring expenses.
32. Under CER following physical target based activities has proposed by PP :

Commitment towards public hearing Issue in terms of Physical Target		
SN	Issues	Cost in Rs
1	Training provided for 10 person at ITI, Manawar 07 boys and 03 girls of village Ghursal (Geerabda) , Karondiya Trade : Mining Met and Mechanical , electrical trade	5.00 Lacs per year for next 03 years)
2	Renovation of primary School Building, 1 Kitchen shed, 2 Toilets with water supply , rain water harvesting structure and 5KW Solar Power at village Rataitola, Teh Gandhwani District Dhar MP.	10.00 Lac
3	Pucca Road within village of Ghursal @ 1km	10.00 Lacs
4	Distribution of Plantation 7000 in number Rs 100 per plant for 7000 no	6.0 Lacs
5	Promotional works and workshop on Crop improvement and marketing of products (Minor Millets) of Rajgira/ Mahua through Swa Sahayta Samooh in consultation with agricultural department in cluster of villages	3.0 Lacs
	Total	34 .00 lakh

33. 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.
34. 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.

3. Case No 8186/2021 M/s Satguru Cements Pvt. Ltd, Shri Rajesh Bansal, Director, 601, Airen Heights, PU-3, Scheme No. 54, Opposite C-21 Mall, AB ROad, Dist. Indore, MP - 452010 Prior Environment Clearance for Limestone Deposit in an area of 8.941 ha. (Expansion from 50,000 tonne per annum to 300274 tonne per annum) (Khasra No. 147/1, 247, 249), Village - Ghursal, Tehsil - Gandhwani, Dist. Dhar (MP) M/s. Creative Enviro Services, Bhopal

This is case of Limestone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 147/1, 247, 249), Village - Ghursal,

Tehsil - Gandhwani, Dist. Dhar (MP) 8.941 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 484th SEAC dated 24/02/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Shri Umesh Mishra from M/s. Creative Enviro Services, Bhopal and their representatives on behalf of PP. During presentation wherein PP submitted this is case of expansion in excavation of Limestone (Major Mineral) Deposit Mine, which is captive in nature and lime stone will be used for cement plant of project proponent. The project has been proposed for the Mining of lime stone over Govt Waste Land by open cast through mechanized method. The project has been accorded Environment clearance vide no 1235/SEIAA/18 dated 30.07.2018. The Site was visited by official of MoEF&CC and certified and satisfactory compliance report was issued on 25.10.2021 vide letter no 18-B-184/2020(SEAC)/699. Mining will be confined to the allotted lease area which lies on the Govt waste land from which from 50,000 TPA to 3,00,274 TPA of lime stone will be excavated per annum after expansion. The mining lease has been granted in favour of M/s Satguru Cement over an area of 8.947 ha on Khasra No 147/1, 247,249 situated in Village Ghursal Tehsil-Gandhwani District Dhar M.P. Mining will be carried out on the basis of govt. consent order for mining operations for 50 years. The total minable area is only 8.941 ha. A total mineable reserve as per the mining plan is 6,74,629 Tonne & with maximum of production of Lime Stone mineral of 3,00,274 TPA after capacity expansion. The proposed project is an opencast and fully mechanized mining project, where mining of lime stone will be done through drilling, blasting/ rock breaker , Jack hammer etc .

After presentation committee asked PP to submit response on following issues

1. Revised future proposed plantation/green belt development Scheme.
2. Commitment towards plantation shall be carried out in the Ist year maintenance of plantation after closure of mine for 5 years.
3. Revised CER activities with budget as suggested by the committee.
4. Revised budget for EMP in consideration with revised Plantation and CER

PP vide their letter dated 27.01.2022 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 Capacity expansion in excavation of Ghursal a Limestone Deposit in an area of 8.941 ha. (From 50,000 TPA to 3,00,274 TPA) at Khasra No. 147/1, 247, 249) Village – Ghursal , Tehsil - Gandhwani, Dist. Dhar (MP) of M/s Satguru cement 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. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

10. Muffle with none system for Blasting shall be adopted for proposed mining and no secondary blasting shall be done and rock breaker will be used instead secondary blasting only.
11. Working height of the loading machines shall be compatible with bench configuration.
12. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
13. No explosive will be stored at the mine site.
14. No intermediate stacking is permitted at the mine site.

15. No dump shall be stacked outside the lease area.
16. Overhead sprinklers shall be provided in mine.
17. 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.
18. 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 12400 trees shall be planted on barrier zone, backfilled area, and along the road and in the village 1600 No of fruit bearing trees shall be distributed.
19. Transportation of material shall be done in covered vehicles.
20. Transportation of minerals shall not be carried out through forest area.
21. The OB shall be reutilized for maintenance of road and for back filling. PP shall bound to compliance the final closure plan as approved by the IBM.
22. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The existing size of drain are 400 X 0.5 X 1.0, 615 X 0.5 X 1.0, 475X 0.5 X 1.0, 540X 0.5 X 1.0, 475 X 0.5 X 1.0 And two more drain is proposed having dimension of 440 X 0.5 X 1.0 each. Two settling tank having size of 440 X 0.5 X 1.0 and 377M2X 5.0mD has been observed whereas another two setting tank having dimension of 822M2X 5.0mD, 1919M2X 5.0mD are proposed
23. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development. Regular de-silting of drains and pits should be carried out.
24. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
25. The existing and proposed land use plan of the mine is as follows:

Items	Existing	SOM Period	Conceptual Period
Total lease area	8.941 ha		
Ultimate depth of mining	3-8m	Upto 299 m MSL	Upto 299 m MSL
Ultimate pit slope	85 degree	45 degree	45 degree
Area under dumps	Nil	Nil	Nil
Area under pits	2.14ha	5.33 ha	5.43 ha

Infrastructure & Road	0.08ha	0.09 ha	0.09ha
Mineral storage	Nil	Nil	Nil
Plantation	0.50ha	0.50ha	0.50ha
Settling tank	0.15ha	1.00ha	1.00ha
Un-worked area	6.221 ha	2.021ha	1.921ha
Total	8.941 ha	8.941 ha	8.941 ha
Water body (Settling tank)	0.15ha	1.00ha	1.00ha
Area to be reclaimed	Nil	Nil	5.43 ha
Plantation			
Un-worked area	0.50ha (250 No.)	0.50 Ha (1000No.)	0.50 ha (1000 No)
Backfilled area	Nil	5.43ha (10860No.)	5.43 Ha (10860 No.)
Bench area	Nil	Nil	Nil
Total area for plantation	0.50 Ha (1000 No.)	5.93ha (11860No.)	5.93 Ha (11860 No.)

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

(C) ENTIRE LIFE OF THE PROJECT

31. In the proposed EMP, capital cost is Rs. 34.50 Lakh is proposed and Rs.20 Lakh /year as recurring expenses.
32. As per office memorandum vide no 22-65/2017/IA-III dated 30.09.2020, no financial budget under CER is being proposed. The commitment to address the concern raised during the public hearing issues with physical target shall be complied as below :

Commitment towards public hearing Issue in terms of Physical Target		
SN	Issues	Cost in Rs
1	Construction of WBM road from Magod-Manawar Road to Ratitalai village – length 4km@7.5m width	36.00 lakh
2	Adaptation of Anganwadi at Ghurasal at least for 05 years with bearing expenses for nutritional supplements as per advice of concerned department.	5.00
3	Promotional works and workshop on Crop improvement and marketing of products (Minor Millets) of Ramdana/ Rajgira through Swa Sahayta Samooh in consultation with agricultural department	5.0 Lacs
	Total	46 .00 Lacs

33. 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.
34. 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.

4. Case No 8900/2021 M/s. Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 23.0 ha. (300900 Cum per annum) (Khasra No. 300, 311), Village - Jahajpura-3, Tehsil - Rehti, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal.

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 300, 311), Village - Jahajpura-3, Tehsil - Rehti, Dist. Sehore (MP) 23.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaore from M/s. Creative Enviro Services, Bhopal on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO

Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 2535 dated 27/01/21 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 66.941 ha., including this mine.

PP further stated that this is a case of river sand mining on Narmada River, during presentation as per Google image based on coordinates provided by PP, it was observed that part of lease is partially under submergence thus PP shall submit revised plan by leaving submerged area as non-mining zone. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 66.941 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area” and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides

shall be left as non mining area and detailed plan shall be discussed in the EIA report.

- PP's commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.
- Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge (if any) is to be discussed in the EIA report.
- PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.
- Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer , Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer , project shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.
- Environmental Audit shall be done in pre-monsoon & post monsoon.

5. Case No 8901/2021 M/s Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 15.0 ha. (202380 Cum per annum) (Khasra No. 155/1/1), Village - Janwasa-4, Tehsil - Budhni, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal (M.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 155/1/1), Village - Janwasa-4, Tehsil - Budhni, Dist. Sehore (MP) 15.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaore on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, M.O. Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 3774

dated 24/12/21 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 59.00 ha., including this mine.

PP further stated that this is a case of river sand mining on Narmada River. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 59.00 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.
- PP's commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.

- Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge (if any) is to be discussed in the EIA report.
- PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.
- Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer , Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer , project shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.
- Environmental Audit shall be done in pre-monsoon & post monsoon

6. Case No 8902/2021 M/s Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 16.10 ha. (198540 Cum per annum) (Khasra No. 79), Village - Nilkanth, Tehsil - Nasrullaganj, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal (M.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 79), Village - Nilkanth, Tehsil - Nasrullaganj, Dist. Sehore (MP) 16.10 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaore on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter (Ekal Praman-patra) No. 3776 dated 24/12/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 21.100 ha., including this mine.

PP further stated that this is a case of river sand mining on Narmada River. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 21.100 ha., including this mine and according to the latest O.M F.No. L-

11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.
- PP’s commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.
- Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge (if any) is to be discussed in the EIA report.
- PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.

- Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer , Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer , project shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.
- Environmental Audit shall be done in pre-monsoon & post monsoon

7. **Case No 8903/2021 M/s Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 18.107 ha. (180000 Cum per annum) (Khasra No. 352/340), Village – Baghwada-1, Tehsil - Budhni, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal (M.P.)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 352/340), Village – Baghwada-1, Tehsil - Budhni, Dist. Sehore (MP) 18.107 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaore on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1382 dated 25/08/20 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 55.018 ha., including this mine.

PP further stated that this is a case of river sand mining on Narmada River During presentation as per Google image based on coordinates provided by PP, it was observed that part of lease is partially under submergence thus PP shall submit revised plan by leaving submerged area as non-mining zone. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 55.018 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue

standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.
- PP’s commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.
- Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge is to be discussed in the EIA report.
- PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.
- Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer , Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer , project

shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.

- Environmental Audit shall be done in pre-monsoon & post monsoon.

8. Case No 8904/2021 M/s Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 20.995 ha. (209820 Cum per annum) (Khasra No. 263/212), Village - Mahukala, Tehsil - Budhni, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal (M.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 263/212), Village - Mahukala, Tehsil - Budhni, Dist. Sehore (MP) 20.995 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaowre on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1154 dated 30/07/20 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

PP further stated that this is a case of river sand mining on Narmada River. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 20.995 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to

the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).

- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.
- PP’s commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.
- Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge is to be discussed in the EIA report.
- PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.
- Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer , Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer , project shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.
- Environmental Audit shall be done in pre-monsoon & post monsoon.

9. Case No 8905/2021 M/s Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 10.0 ha. (180000 Cum per annum) (Khasra No. 155/1/1), Village - Janwasa-3, Tehsil - Budhni, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal (M.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 155/1/1), Village - Janwasa-3, Tehsil - Budhni, Dist. Sehore (MP) 10.0 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaore on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 3778 dated 24/12/21 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 59.00 ha., including this mine.

PP further stated that this is a case of river sand mining on Narmada River. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 59.00 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.

- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.
- PP's commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.
- PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.
- Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer , Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer , project shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.
- Environmental Audit shall be done in pre-monsoon & post monsoon.

10. Case No 8906/2021 M/s Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 12.950 ha. (198300 Cum per annum) (Khasra No. 104/2), Village - Somalwada, Tehsil - Budhni, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal (M.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 104/2), Village - Somalwada, Tehsil - Budhni, Dist. Sehore (MP) 12.950 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaowre on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1156 dated 30/07/20 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

PP further stated that this is a case of river sand mining on Narmada River. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 59.00 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides

- shall be left as non mining area and detailed plan shall be discussed in the EIA report.
- PP's commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.
 - Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge is to be discussed in the EIA report.
 - PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.
 - Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer , Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer , project shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.
 - Environmental Audit shall be done in pre-monsoon & post monsoon .

11. Case No 8907/2021 M/s Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 5.140 ha. (25800 Cum per annum) (Khasra No. 146), Village - Charua, Tehsil - Rehti, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal (M.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 146), Village - Charua, Tehsil - Rehti, Dist. Sehore (MP) 5.140 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaore on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1158 dated 30/07/20 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 66.941 ha., including this mine.

PP further stated that this is a case of river sand mining on Narmada River, during presentation as per Google image based on coordinates provided by PP, it was observed that part of lease is partially under submergence thus PP shall submit revised plan by leaving submerged area as non-mining zone. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 66.941 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.
- PP's commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.

- Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge is to be discussed in the EIA report.
- PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.
- Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer , Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer , project shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.
- Environmental Audit shall be done in pre-monsoon & post monsoon.

12. Case No 8908/2021 M/s Power Mech Projects Limited, House No. 248, Shakti Nagar, Dist. Bhopal, MP - 462022 Prior Environment Clearance for Sand Quarry in an area of 16.187 ha. (216000 Cum per annum) (Khasra No. 893/852, 852), Village - Sardarnagar, Tehsil - Budhni, Dist. Sehore (MP) M/s. Creative Enviro Services, Bhopal (M.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 893/852, 852), Village - Sardarnagar, Tehsil - Budhni, Dist. Sehore (MP) 16.187 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Mukesh Kaowre on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1155 dated 30/07/20 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

PP further stated that this is a case of river sand mining on Narmada River. During presentation PP submitted that the baseline environmental monitoring has been conducted in the month of Octo. – Dec. 2021. Being it's a case sand quarry with total area of 16.187 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds

5 ha. the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report(if any).
- Include activity with appropriate budget for reflectors installation, T-Junction Development where haulage road join with main pucca road and provision of speed breakers in the EMP.
- In case of any road bridge/ any civil structure such as stop dam or cause way etc in existence within the lease area or in near vicinity, mandatory safety distance shall be left as per Monitoring and enforcement Guidelines for sand mining, 2020 published by MoEF&CC and same shall be discussed in the EIA report in detail with proper justification.
- In case if river is flowing within the lease, the area occupied by river water shall be left as non mining area and revised plan leaving submerged area as non-mining zone shall be submitted with EIA report. Similarly, in case any natural rivulet is joining the lease, area as per MoEF&CC sand mining guidelines on both sides shall be left as non mining area and detailed plan shall be discussed in the EIA report.
- PP’s commitment that in the river bank where green area is in existence (if any), shall not be encroached during mining operation and will be left as non mining area.
- Detailed evacuation plan with transport route properly marked on the Google map and address strength of the road bridge is to be discussed in the EIA report.
- PP shall conduct Ecology Study & Restoration Plan of Narmada River upto 2KM of both side of the river bank & which shall be incorporate sensitive features in the river course and all these points should be discussed in the EIA report.
- Plantation in consultation with and through forest department and involving local forest committee for execution even on private land with the consent of farmer ,

Department expose farmers for future sale of produce and incentives given by Bamboo mission, choice of species on private land be given to farmer, project shall include future maintenance cost in their personal, all legal and technical guidance and facilitation response should be given by forest department and for all these a consent should be taken by concerned DFO.

- Environmental Audit shall be done in pre-monsoon & post monsoon.

13. Case No 8890/2021 Shri Kamal Singh S/o Shri Himat Singh Alave, Lease Owner, Village - hasanpura, Tehsil - Nepanagar, Dist. Burhanpur, MP - 450331 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5000 Cum per annum) (Khasra No. 191 Part), Village - Dablikhurd, Tehsil - Nepanagar, Dist. Bhuranpur (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 191 Part), Village - Dablikhurd, Tehsil - Nepanagar, Dist. Bhuranpur (MP) 1.0 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R.K. Pandey on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 781 dated 15/09/21 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 31.707 ha., including this mine. PP further submitted that mining shall be carried out through rock breaker hence, no basting shall be done, revised mining plan based on mining through rock breaker wherein no basting is proposed shall be submitted with the EIA report. Being it's a case Stone Quarry with total area of 31.707 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Revised mining plan based on mining through rock breaker wherein no basting is proposed shall be submitted with the EIA report.

- Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
- Protection plan w.r.t. some isolated shelter in South West direction.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.

14. Case No 8894/2021 M/s J.K. Medical Waste Management System, Smt. Pramila Sharma, Partner, House No. 85, Vinay Graha Nirman Society, Bawadiya Kalan, Dist. Bhopal, MP Prior Environment Clearance for Common Bio-Medical Waste Treatmet Facility, at Village - Rauda Chhapar, Tehsil & Dist. Shivpuri, MP. Env. Consultant from Amaltas Enviro Industrial Consultants LLP Grogram.

This is case of Prior Environment Clearance for Common Bio-Medical Waste Treatmet Facility, at Village - Rauda Chhapar, Tehsil & Dist. Shivpuri, M.P.

The case was presented by the Shri G.K. Mishra, Env. Consultant from Amaltas Enviro Industrial Consultants LLP Grogram on behalf of PP and their consultant wherein PP submitted that the proposed unit will be established in the at Village - Rauda Chhapar, Tehsil & Dist. Shivpuri, M.P.

SEIAA vide no. 2898 dtd. 21/01/2022, forwarded a complaint regarding PP M/s J.K. Medical Waste Management System provide wrong information to grant TOR , wherein mentioned that through an e-mail of SEIAA has received a complaint against this proposed project.

The case for scheduling for presentation during discussion it was observed by the committee that a complaint was forwarded by SEIAA wherein following points are raised by complainer- Shri Sailendra Bajpai.

- As PP has mentioned that the project of M/s J.K. Medical Waste Management System, Shivpuri is proposed to be established in the notified Industrial Area as

disclosed in the Form-I. The complainer stated this is not correct information, while this project is proposed on a farmer's land after converting its land use.

- Point no. 20 in the form –I disclosed that unit is existed a distance of 400 m from a habitation while it should be 500 m , moreover religious place (temple) is also existed which is <400m.
- Under PFR report mentioned that incinerable waste to be disposed through deep burial, which is not correct in the light of CPCB Guidelines & Rule 2016.

Thus committee after deliberations decided that PP should submit relevant documents/justification on above issues for further consideration of case for grant of TOR.

15. Case No 8889/2021 M/s Jai Construction, Shri Sudhir Jununker, Owner, Main road Tar Bazar, Pandhurna, Dist. Chhindwara, MP - 480334 Prior Environment Clearance for Stone Quarry in an area of 1.838 ha. (8267 Cum per annum) (Khasra No. 314/1, 314/2, 314/3), Village - Sawajpani, Tehsil - Pandhuma, Dist. Chhindwara (MP) M/s. Creative Enviro Services, Bhopal (M.P.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 314/1, 314/2, 314/3), Village - Sawajpani, Tehsil - Pandhuma, Dist. Chhindwara (MP) 1.838 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by M/s. Creative Enviro Services, Bhopal (M.P.) on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 4674 dated 17/03/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.838 ha., including this mine. As per Google image based on online KML file uploaded by PP it was observed that the lease is located on hillock, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	221& 450	North & SE	Provision of Garland drain & settling tanks.
Pucca Road	357	North	Three rows of Plantation towards road side.

Kachha Road & adjacent to the lease	178	South	Proposal of tree rows plantation .
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It was further observed that in the DFO, letter vide no 2333 dated 03.11.2017 forest area is at a distance of approx. 60 meters from the lease boundary for which PP has obtained approval from Divisional Commissioner Level Forest Committee in their meeting dated 19.06.2021 with following conditions:

- Towards the forest boundary, 80 meter distance to be left and develop green belt of 10 meters width.

PP further stated that no public road is passing nearby from the lease After presentation committee asked PP to submit response on following issue:

1. PP commitment that no public road is passing nearby from the lease.
2. Revised Plantation scheme as suggested by committee.
3. Revised CER- Propose proposal of fodder development with revised budget as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 27/01/2022, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 8267 Cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.5.98 Lakh as capital and Rs. 03.99 Lakh/year.
3. As proposed, a minimum of 2000 trees shall be planted as per the submitted plantation scheme.
4. Towards the forest boundary, 80 meter distance to be left and develop green belt of 10 meters width as per condition imposed by Divisional Commissioner Level Forest Committee in their meeting dated 19.06.2021
5. Under CER activity, following activities are proposed based public hearing issues.

SN	Plan	Activity	Capital investment in Lakh
1.	Provision of infrastructure facility at aganwadi and primary school	Providing sport facility i.e. One sea saw, one fisal patti. One computer with printer, Two Almari,	1.00
2	Development of Grazing land under RDF scheme through DFO	Suitable grass species will be shown in the grazing land of the village area	1.00
	Total		2.00

Query discussion

16. Case No 8800/2021 Shri Lakhan Singh Thakur S/o Shri Shivraj Singh Thakur, Bamora, Tehsil & Dist. Sagar, MP - 470021 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (21404 Cum per annum) (Khasra No. 575/1), Village - Bardha, Tehsil - Khurai, Dist. Sagar (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 575/1), Village - Bardha, Tehsil - Khurai, Dist. Sagar (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Dr. Swati Jain and Shri G. K. Mishta on behalf of PP in the 531st SEAC dated 06.12.2021. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1288 dated 01.09.2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP it was observed that some temporary structure was existed within lease PP submitted that these are FCI's temporary storage houses for wheat grain storage purposes and soon these temporary storage houses will be shifted by concerned authority also in this context PP also showed ground photographs of these structures. Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
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Pucca Road	40	SE	10 m setback & Protection plan with three rows of Plantation towards road side.
Some structure or farm houses	Within lease area	-	PP submitted that these are FCI's temporary storage house for wheat grain and soon these temporary storage houses will be shifted by concerned authority as shed is under construction. Being government land these temporary structures has been developed.

After presentation the committee asked to submit following details:

- Revised surface map showing 10 m setback as non- mining area in the south-east side side of the lease w.r.t pucca road.
- PP Commitment that plantation shall be done within 01 year.
- PP Commitment that no crusher is proposed within lease area.
- Revised CER add area of grazing land with budget.
- Revised following bifurcation of plantation scheme & species as suggested by committee.

Area	Type of species
In Barrier zone Area- along the fencing on the trench (45cm x 45cm)	Sowing of seeds of Neem, Prosopis, Subabool, Gutmar Sitaphal, Babool, Safed Kastar, Prosopis and other indigenous available plants etc..
In Non-mining Area-	Spacing - 3m X3m with plantation in 03 rows pit size 45cm ³ of Neem, Sitaphal, Babool, Safed Kastar, Kachnar, Chirol , Sishoo, Amla, Karanj, Jungle Jalebi , Siris and other indigenous available plants etc..
Approach Road	Chirol, khamhar, Kranj, Neem , Katang Bans and other native species etc.

PP has submitted the response of above quarries same date vide letter dated 06.12.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found 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 21404 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.12.52 Lakh as capital and Rs. 02.85 Lakh/year.

3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme. However, plantation in non mining zone, barrier zone and evacuation route shall be carried out in the first year of mining operations.
4. Under CER following activities were submitted by PP:

	Activity	AMOUNT
1.	Development of grazing land in village Bardha on Khasra No. 575/1 area 1 Ha. With development of Grass species, fodder trees, Subabool & Anjan trees plantation.	15,000
2.	White wash of 3 Classroom and 1 Staff room of Primary School Bardha (Room Size- 20' x 20')	30,000
3.	Water Filter at Primary School Bardha- 2 Nos.	30,000
4.	Providing 25 benches and 10 chairs in Primary School Bardha	35,000
	Total	1,10,000

प्रकरण पर 698वीं एसईआईए बैठक दिनांक 28/12/21 में चर्चा अनुसार निम्नानुसार निर्णय लिया गया

“राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की 531वीं बैठक दिनांक 06/12/2021 में उक्त प्रकरण में पर्यावरणीय स्वीकृति दिये जाने हेतु अनुशंसा की गई है ।

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (एसईआईए) द्वारा प्रकरण से संबंधित परियोजना प्रस्तावक/आरक्यूपी/पर्यावरण सलाहकार द्वारा प्रस्तुत हस्ताक्षरित व अभिप्रमाणित दस्तावेजों के आधार पर एवं एसईएसी की 531वीं बैठक दिनांक 06/12/21 की अनुशंसा को मान्य करते हुए पर्यावरणीय मुद्दों पर विस्तृत चर्चा व परामर्श उपरांत निम्नलिखित निम्नलिखित निर्णय लिया गया है :-

परियोजना प्रस्तावक द्वारा प्रस्तुत कार्यालय तहसीलदार, तहसील खुरई जिला सागर के पत्र क्रमांक 223 दिनांक 10/2/21 के अनुसार प्रस्तावित खदान के

500 मीटर की परिधि में मानव बसाहट, सड़क, नदी, नहर, तालाब, राष्ट्रीय महत्व के स्मारक, चिकित्सालय इत्यादि नहीं होना बताया गया है, यद्यपि अनुमोदित खनन योजना में उल्लेखित अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खनन क्षेत्र से 40 मीटर की दूरी पर एक पक्की सड़क होना परिलक्षित है। चूंकि माननीय एन.जी.टी. के ओए नं. 304/19 में पारित आदेश एवं सीपीसीबी के दिशा-निर्देश दिनांक 09/07/20 के परिपालन में मानव बसाहट/संवेदनशनसील क्षेत्र/राष्ट्रीय व राज्य राजमार्ग /पब्लिक रोड़/पूल/बॉध/नहर/नदी इत्यादि में प्रस्तावित खनन क्षेत्र से नॉन ब्लास्टिंग खनन योजना के लिए 100 मीटर और ब्लास्टिंग खनन योजना के 200 मीटर की प्रतिबंधित दूरी निर्धारित है।

अतः प्रकरण में उपरोक्तानुसार आदेश एवं निर्देशों के परिपालन में पब्लिक रोड़ से प्रतिबंधित दूरी के दृष्टिगत यह निर्णय लिया गया है कि खनन योग्य क्षेत्र की न्यूनतम उपलब्धता के दृष्टिगत पुनः परीक्षण हेतु प्रकरण एसईएसी को प्रेषित किया जाये एवं परियोजना प्रस्तावक को सूचित किया जाये।”

उपरोक्त निर्णयानुसार प्रकरण पुनः परीक्षण हेतु समिति के समक्ष प्रस्तुत है।

The committees after detailed discussion on SEIAA vide letter no. 2590/SEIAA/2021, dated 15.12.2021 deliberated that these distance criteria shall be implemented for only those stone quarry and proposals which were received in SEAC after 1st January 2022 and distance criteria should not be implemented from the retrospective effect. Hence committee stand by earlier recommendation made in the 531th SEAC meeting dated 06/12/2021.

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
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. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
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. Arrangements for overhead sprinklers with solar pumps / water tankers 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 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. 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.
12. 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.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER 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.
14. 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.
15. 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.
16. 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.
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. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
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.
23. 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.
24. 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.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

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. Arrangements for overhead sprinklers with solar pumps / water tankers 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. Only registered vehicles/tractor trolleys with GPS 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.
5. 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.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 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.
13. 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.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
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. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. 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.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

21. 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.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. 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.
24. 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.
25. 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.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
 34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
 35. Adequate provisions of water for irrigating plantation shall be made by PP.
 36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action 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. Arrangements for overhead sprinklers with solar pumps / water tankers 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.
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 CER 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.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
30. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.

33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action 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 CER 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 CER 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. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCC's Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna".
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The undertaking inter alia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing

- species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
 - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 - ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.
 - ✓ Adequate provisions of water for irrigating plantation shall be made by PP.

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.

35. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
36. Detailed analysis of availability and quality of the drinking water resources available in the block.
37. 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.
38. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.