

The 463rd meeting of the State Expert Appraisal Committee (SEAC) was held on 01th October, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing -

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Dr. R. Maheshwari, Member.
6. Dr. Rubina Chaudhary, Member.
7. Shri A.A. Mishra, Secretary.

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

1. **Case No. – 6453/2019 Shri Praveen Kumar Jain, Village - Nalcha, Tehsil & Dist. Dhar, MP – 454010. Prior Environment Clearance for Stone Deposit in an area of 2.00 ha. (9,500 cum per annum) (Khasra No. 1384/2), Village - Salkanpur, Tehsil - Dhar, Dist. Dhar (MP).**

This is case of Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1384/2), Village - Salkanpur, Tehsil - Dhar, Dist. Dhar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. A189 dated: 08/02/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 17.90 ha. including this mine.

Earlier this case was scheduled for presentation and discussion in 391st SEAC meeting dated 28/08/19 wherein ToR was recommended.

PP has submitted the EIA report which was forwarded through SEIAA vide letter no. 3348 dated 25/04/2020, which was placed before the committee.

PP and their consultant presented the EIA before the committees, PP stated that they have proposed three row plantations in barrier zone and given the provision of garland drain & settling tank to protect the dam.

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

1. Revised plantation scheme and species as suggested by committee.

PP vide their letter dated 29.09.2020 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 Environment Clearance for Stone Quarry in an area of 2.0 ha. (14550 cum per annum) (Khasra No. 172), Village - Sarwani Khurd, Tehsil - Ratlam, Dist. Ratlam (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 2400 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 741M X 02M X 1.5M. The settling tank will be 01 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. The existing and proposed land use plan of the mine is as follows:

S.No.	Land USE	PRESENT Area (Hectare)	AFTER FIRST 5 YEAR Area (Hectare)	AFTER Next 5 YEAR Area (Hectare)	AT THE END OF MINE LEASE PERIOD Area (Hectare)

1.	PITS	0.00	1.58	1.58	0.00
2.	PLANTATION (within Barrier Zone)	0.00	0.40	0.40	0.42
3.	RESERVOIR	0.00	0.00	0.00	1.58
4	Shed & crusher	0.00	0.02	0.02	0.00
5	UNUSED	2.00	0.00	0.00	0.00
TOTAL		2.0	2.0	2.0	2.0

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

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 9.63Lakh is proposed and Rs.7.21 Lakh /year as recurring expenses.
34. Under CSR activity, Rs. 0.6 Lakh /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.

36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

2. Case No. – 6119/2019 Shri Ishwar Patidar, Village - Kod, Tehsil - Badnawar, Dist. Dhar, MP – 454665 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (14,559 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 728 dated: 11/04/2018 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.00 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 428th SEAC meeting dated 29/02/20 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 18/9/20 which was forwarded through SEIAA vide letter no. 3350 dated 25/09/2020, which was placed before the committee.

PP and their consultant presented the EIA before the committees, during presentation Committee has observed that stop dam which is in the south western direction hence committee asked PP to submit proposal of additional garland drain of appropriate size in this side of the lease . After presentation and deliberation, PP was asked to submit following information:

1. Proposal of additional garland drain of appropriate size in this side of the lease.
2. Revised plantation scheme and species as suggested by committee.
3. Revised CER , EMP and water balance chart.

3. Case No. – 6130/2019 Shri Ajay Patidar, Village - Jalokheta, Tehsil - Badnawar, Dist. Dhar, MP – 454660 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (12,610 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 726 dated: 11/04/2018 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 8.00 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 428st SEAC meeting dated 29/2/20 wherein ToR was recommended.

PP has submitted the EIA report which was forwarded through SEIAA vide letter no. 3346 dated 25/04/2020, which was placed before the committee.

PP and their consultant presented the EIA before the committees, PP stated that they have proposed three row plantations in barrier zone and given the provision of garland drain & settling tank to protect the natural drain.

After presentation and deliberation, The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (12,610 cum per annum) (Khasra No. 1/1), Village - Nindwaniya, Tehsil - Badnawar, Dist. Dhar (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 2,400 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 648M X 02M X 1.5M. The settling tank will be 01 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. The existing and proposed land use plan of the mine is as follows:

S. N	Land USE	PRESENT Area (Hectare)	AFTER Next 5 YEAR Area (Hectare)	AT THE END OF MINE LEASE PERIOD Area (Hectare)
1.	PITS	0.00	1.58	1.58
2.	PLANTATION (within Barrier Zone)	0.00	0.40	0.40
3.	RESERVOIR	0.00	0.00	0.00
4	Shed & crusher	0.00	0.02	0.02
5	UNUSED	2.00	0.00	0.00
TOTAL		2.0	2.0	2.0

28. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

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

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 08.50Lakhs proposed and Rs.5.27 Lakh /year as recurring expenses.
34. Under CSR activity, Rs. 0.6Lakh /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
4. **Case No. – 7789/2020 Shri Santosh Singh Yadav S/o Shri Chunnilal Yadav, Village - Rajgarh, Tehsil - Bijoli, Dist. Jhansi, UP – 284135 Prior Environment Clearance for Stone Quarry in an area of 3.037 ha. (44923 cum per annum) (Khasra No. 2/9, 2/10, 2/11, 2/12, 2/13, 2/14, 2/15, 2/16, 2/17, 2/18), Village - Baganvar, Tehsil - Orcha, Dist. Niwari, (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2/9, 2/10, 2/11, 2/12, 2/13, 2/14, 2/15, 2/16, 2/17, 2/18), Village - Baganvar, Tehsil - Orcha, Dist. Niwari, (MP) 3.037 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. 5326 dated: 22/03/2018 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.037 ha. including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 5.037 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:-

- Pucca road is 180 meters in the east side proposal of set back of 20 meters and proposal for protection plan.
- Cumulative traffic load impact study to be conducted.
- 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 man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- CER shall also incorporate awareness/ training activities including distribution of masks, sanitizers, mass sanitization programme in the project affected villages’ w.r.t. COVID-19 pandemic.

5. Case No. – 7791/2020 Shri Satish Jewtani S/o Shri Hakikat Jewtani, Dabra, Dist. Gwalior, MP - 475110 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (80605 cum per annum) (Khasra No. 1/2), Village - Bangayhar, Tehsil - Orcha, Dist. Niwari, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/2), Village - Bangayhar, Tehsil - Orcha, Dist. Niwari, (MP) 2.0 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. 1326 dated: 20/08/2018 has reported that

there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 10.50 ha. including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 10.50 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:-

- National highway is 130 meters and pucca road 85 in the east side proposal for protection plan.
- Cumulative traffic load impact study to be conducted.
- 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 man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- CER shall also incorporate awareness/ training activities including distribution of masks, sanitizers, mass sanitization programme in the project affected villages' w.r.t. COVID-19 pandemic.

6. Case No. – 7790/2020 Shri Anup Parecha S/o Shri C.P.Parecha, R/o Jhansi, Dist. Jhansi, UP Prior Environment Clearance for Stone Quarry in an area of 2.50 ha. (60000 cum per annum) (Khasra No. 1/1), Village - Bangayhar, Tehsil - Orcha, Dist. Niwari, (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Bangayhar, Tehsil - Orcha, Dist.

Niwari, (MP) 2.50 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. 1326 dated: 20/08/2018 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 10.50 ha. including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 10.5 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:-

- Pucca road is >100 meters in the east side proposal proposal for protection plan.
- Cumulative traffic load impact study to be conducted.
- 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 man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- CER shall also incorporate awareness/ training activities including distribution of masks, sanitizers, mass sanitization programme in the project affected villages' w.r.t. COVID-19 pandemic.

7. Case No 7811/2020 M/s Ravi Infrabuild Projects Pvt. Ltd, 803, D.B.City, Sachin Tendulkar Mark, City Centre, Dist. Gwalior, MP – 474011 Prior Environment Clearance for Stone Quarry in an area of 1.820 ha. (12500 cum per annum) (Khasra No. 99), Village - Ambaja, Tehsil - Sondwa, Dist. Alirajpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 99), Village - Ambaja, Tehsil - Sondwa, Dist. Alirajpur (MP) 1.820 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. 838 dated: 11/08/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation PP stated that, this lease was obtained under temporary permit (TP) with 02 years validity. Within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
01 Trees	within lease	-	No tree felling is proposed.
Human settlement	>371	South – East	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.

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 12,500 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.07.90 Lakh as capital and Rs. 03.73 Lakh/year and under CSR Rs. 01.20 Lakh has proposed.

8. **Case No 7801/2020 M/s Planet Mines Pvt. Ltd, Shri Sudhir Haryal S/o Shri P.R.Hariyal, S-215, Panchsheel Park, New Delhi - 110017 Prior Environment Clearance for Stone Quarry in an area of 1.20 ha. (31164 cum per annum) (Khasra No. 928), Village - Saalon-A, Tehsil - Bhandar, Dist. Datia, (MP)**

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 928), Village - Saalon-A, Tehsil - Bhandar, Dist. Datia, (MP) 1.20 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 Tehsildar Office letter no. 5584 dated: 26/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Village Road	>110	South	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.
Human settlement	>180	South – East	Set back of 20 meters and proposal for Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.

After presentation the committee asked to submit following details:

- Commitment that additional set back of 20 meters towards Human settlement from the lease.
- DFO letter with distance from forest area.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, 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 31,164 cum/annum.
 2. A budgetary provision for Environmental management Plan of Rs.08.19 Lakh as capital and Rs. 05.3 Lakh/year and under CSR Rs. 03.0 Lakh has proposed.
9. **Case No. – 7754/2020 M/s Udit Kamla Highways Pvt. Ltd, R-2, Shri Abhay Mishra, 45053 University Road, Canara Bank, Khutehi, Dist. Rewa, MP – 462001 Prior Environment Clearance for Stone Quarry in an area of 1.40 ha. (34482 cum per annum) (Khasra No. 151/6), Village - Mathani, Tehsil - Bhainsdehi, Dist. Betul (MP)**

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 151/6), Village - Mathani, Tehsil - Bhainsdehi, Dist. Betul (MP) 1.40 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. 1356 dated: 16/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that the as per Google image based on coordinates provided by PP within 500 meters no any significant sensitive features were observed of the lease area. After presentation the committee asked to submit following details:

- Revised CER as suggested by the committee.
- Revised plantation scheme as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, 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 34,482 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.08.91 Lakh as capital and Rs. 03.15 Lakh/year and under CSR Rs. 03. 0Lakh has proposed.

10. Case No. – 7793/2020 M/s Siddha Sai Stone Crusher, Shri Santosh Kumar Mangalani, Ward No. 1, Dhanpuri, Dist. Shahdol, MP – 484771 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (50000 cum per annum) (Khasra No. 14/1P), Village - Pakariya, Tehsil - Budhar, Dist. Shahdol, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 14/1P), Village - Pakariya, Tehsil - Budhar, Dist. Shahdol, (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. 1252 dated: 31/07/2015 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.80 ha. including this mine.

The case was presented by the PP and their consultant wherein it was observed that it is case of expansion for production capacity from 5,000 cum. per annum to 50,000 cum. per annum. PP has submitted EC compliance as per MoEF&CC OM dated 14.08.2018. Within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Tower	180	West	Controlled blasting with

			arrangements of sand bags and three rows of plantation towards road side.
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After presentation the committee asked to submit following details:

- Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 50,000 cum per annum .
2. A budgetary provision for Environmental management Plan of Rs. 13.47 Lakh as capital and Rs. 3.42 Lakh/year and under CER Rs. 01.35 Lakh/ year has proposed.

11. Case No. – 7752/2020 M/s Balaji Mines, Partner, Shri Anil Kumar Sharma, R/o Flat No. 202, Shri Ram Apartment, Dist. Seekar, Rajasthan Prior Environment Clearance for Stone Quarry in an area of 2.601 ha. (45001 cum per annum) (Khasra No. 291/3, 291/4, 291/5, 291/6/1, 291/6/2, 291/6/3, 291/7, 292/1), Village - Biradei, Tehsil - Hanumana, Dist. Rewa (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 291/3, 291/4, 291/5, 291/6/1, 291/6/2, 291/6/3, 291/7, 292/1), Village - Biradei, Tehsil - Hanumana, Dist. Rewa (MP) 2.601 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. 3071 dated: 4/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In the the DFO, letter dated 28/02/2018 forest area is at a distance of <250 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level

Forest Committee, meeting held on 20/02/2020. Within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
04 -05Trees	within lease	Sparsely distributed	Existing 04 trees within lease in the south side PP stated that this shall be no mining area.
Kachcha Road	12	South	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.

After presentation the committee asked to submit following details:

- Tree inventory.
- Revised surface map
- Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 45001cum per annum .
2. A budgetary provision for Environmental management Plan of Rs. 9.13 Lakh as capital and Rs. 3.26 Lakh/year and under CER Rs. 05.25 Lakh/ year has proposed.

12. Case No. – 7796/2020 M/s Satya Sai Stone Crusher, Prop. Shri Ajay Kumar Jaiswal, R/o Village - Vicharpur, Post - Lilotola, Tehsil - Pushprajgarh, Dist. Anuppur, MP Prior Environment Clearance for Stone Quarry in an area of 1.185 ha. (16621 cum per annum) (Khasra No. 47), Village - Gannaguda, Tehsil - Pushprajgarh, Dist. Anuppur, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 47), Village - Gannaguda, Tehsil - Pushprajgarh, Dist. Anuppur, (MP) 1.185 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. 1575 dated: 29/08/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	>200	North & East	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.
Isolated houses	>120	South – East	PP stated that in the SE side of the lease where lease is very narrow this area will be upto a 70 meters within lease shall be no- mining area. Muffle blasting with arrangements of sand bags and three rows of plantation in this side.
Natural Drain	>100	SW	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- PP's Commitment that in the SE side of the lease where lease is very narrow this area shall be upto a 70 meters within lease shall be no- mining area
- Revised EMP as suggested during presentation.
- Revised CER as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 16,621cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.22 Lakh as capital and Rs. 2.25 Lakh/year and under CER Rs. 0.750 Lakh/ year has proposed.

13. Case No. – 7797/2020 M/s Adaypur Supplier and Contractor, Prop., Shri Deependra Singh, R/o Adaypur, Tehsil - Churhat, Dist. Sidhi, MP Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (31920 cum per annum) (Khasra No. 8/11, 8/12), Village - Harraha, Tehsil - Mauganj, Dist. Rewa, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 8/11, 8/12), Village - Harraha, Tehsil - Mauganj, Dist. Rewa, (MP) 1.50 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. 3397 dated: 18/09/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.321 ha. including this mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, wherein it was observed that the eastern boundary of the lease area is falling in water filled excavated area, committee asked PP to left additional 25 meters area as no mining area excluding of barrier zone and depth restriction

shall be 12 meters only in the conceptual period. Within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	>90	South	Controlled blasting with arrangements of sand bags and three rows of plantation towards road side.

After presentation the committee asked to submit following details:

- Revised Surface plan showing additional 25 meters area as no mining area excluding of barrier zone
- Revised EMP as suggested during presentation.
- Revised CER as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 31,920 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.38 Lakh as capital and Rs. 2.44 Lakh/year and under CER Rs. 04.50 Lakh/ year has proposed.

14. Case No. – 7753/2020 Shri Vijendra Kumar Rajoriya S/o Shri Ramgovind Rajoriya, R/o Alapur Road, Tehsil - Jaura, Dist. Morena, MP Prior Environment Clearance for Soil Quarry in an area of 1.180 ha. (3075 cum per annum) (Khasra No. 154, 155/1, 156, 157), Village - Narayanpura, Tehsil - Pawai, Dist. Panna (MP)

This is case of for Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 154, 155/1, 156, 157), Village - Narayanpura, Tehsil - Pawai, Dist. Panna (MP) 1.180 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. 1329 dated: 09/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, though it is soil quarry where no drilling and blasting is proposed in this context no any significant sensitive features were observed within 500 meters of the lease area .

After presentation the committee asked to submit following details:

- PP's commitment that location of kiln is not proposed within lease area .
- Revised EMP as suggested during presentation.
- Revised CER as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil 3075 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.07 Lakh as capital and Rs. 1.55 Lakh/year and under CER Rs. 0.50 Lakh/ year has proposed.

15. Case No. – 7775/2020 M/s Shri Chakrdhari Stone LLP, Partner, Shri Sahil Saleem, Flat No. 803, R.R.Tower, AB Road, Bahodapur Road, Lashkar, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (100000 cum per annum) (Khasra No. 1131, 1132, 1133, 1134/1, 1134/2, 1135), Village - Dirman, Tehsil - Gohad, Dist. Bhind, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1131, 1132, 1133, 1134/1, 1134/2, 1135), Village - Dirman, Tehsil - Gohad, Dist. Bhind, (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 (Ekal Praman-Patr) letter no. 780 dated: 11/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 100000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 26.29 Lakh as capital and Rs. 2.83 Lakh/year and under CER Rs. 03.50 Lakh has proposed.

16. Case No. – 7751/2020 Shri Rama S/o Shri Soma Bhil, R/o Village - Kalibillod, Tehsil - Depalpur, Dist. Indore, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (100000 cum per annum) (Khasra No. 639, 645, 648), Village - Khandwa, Tehsil - Dhar, Dist. Dhar (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 639, 645, 648), Village - Khandwa, Tehsil - Dhar, Dist. Dhar (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. 1678 dated: 15/09/2020 has reported that there are 09 more mines operating or proposed within 500 meters around the said mine with total area of 33.250 ha. including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 33.250 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:-

- Protection plan w.r.t. kachha road at 150 meters .
- 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 man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- CER shall also incorporate awareness/ training activities including distribution of masks, sanitizers, mass sanitization programme in the project affected villages’ w.r.t. COVID-19 pandemic.

17. Case No 7802/2020 Shri Durgesh S/o Shri Narayan Mahajan, R/o Village - Khaknar, Tehsil - Khaknar, Dist. Burhanpur, MP Prior Environment Clearance for Stone Quarry in an area of 1.90 ha. (10000 cum per annum) (Khasra No. 75/1), Village - Jamuniya Raiyat, Tehsil - Khaknar, Dist. Burhanpur, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 75/1), Village - Jamuniya Raiyat, Tehsil - Khaknar, Dist. Burhanpur, (MP) 1.90 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. 271 dated: 25/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation as per Google image based on coordinates provided by PP, it was observed that in the SW direction seasonal drain is originating from the lease PP stated 10 meters either side of the natural drain will also left and this area shall be non mining .

After presentation the committee asked to submit following details:

- Revised surface map.
- Revised plantation species as suggested during presentation.
- Dribbling of Prosopis seeds on garland drain soil.
- Revised CER as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, 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 10,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.75 Lakh as capital and Rs. 03.29 Lakh/year and under CSR Rs. 0.30 Lakh/years has proposed.

18. Case No 7803/2020 Shri Moinuddin S/o Shri Usuf Chhipa, R/o Village - Baneda, Tehsil - Baneda, Dist. Bhilwara, Raj Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (30000 cum per annum) (Khasra No. 1165/1), Village - Fusriya, Tehsil - Singoli, Dist. Neemuch, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1165/1), Village - Fusriya, Tehsil - Singoli, Dist. Neemuch, (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. 498 dated: 05/07/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 12.0 ha. including this mine.

The case was presented by the PP and their consultant, being it's a case Stone Quarry with total area of 12.0 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:-

- Protection plan w.r.t. settlement which is >800 meters in the SE .
- Chemical composition of the stone/low grade Limestone
- 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 man-power is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.
- Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
- Environmental Monitoring should be conducted minimum on 8-10 locations for Air, Noise, Soil, Ground & Surface waters. In soil samples heavy metal and pesticides (minimum in 02 samples) analysis shall also be conducted).
- Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
- CER shall also incorporate awareness/ training activities including distribution of masks, sanitizers, mass sanitization programme in the project affected villages' w.r.t. COVID-19 pandemic.

19. Case No. – 7783/2020 M/s Madhav Infra Project Ltd, Project Managar, Shri Sivakar Pal, Madhav House, Plot No. 04, Panchratn Building Ke Pass, Shubhanpura, Dist. Badoda, Guj Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (124260 cum per annum) (Khasra No. 901), Village - Pipariya Rai, Tehsil - Ashoknagar, Dist. Ashoknagar, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 901), Village - Pipariya Rai, Tehsil - Ashoknagar, Dist. Ashoknagar, (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 Tehsildar Office letter no. 52 dated: 25/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant PP stated that this lease was obtained under temporary permit (TP) with two years validity & the method of mining will be open cast manual. As per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	>184	North	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- DFO certificate.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 12,4260 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 22.30 Lakh as capital and Rs. 2.78 Lakh/year and under CER Rs. 01.50 Lakh/ year has proposed.

20. Case No. – 7748/2020 Shri Dulichand Dangi, Amalyahat, Tehsil - Biaora, Dist. Rajgarh, MP – 465661 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5415 cum per annum) (Khasra No. 13/96, 13/97/2), Village - Katariakhedi, Tehsil - Biaora, Dist. Rajgarh (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 13/96, 13/97/2), Village - Katariakhedi, Tehsil - Biaora, Dist. Rajgarh (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. 232 dated: 17/02/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed by the committee that the as per Google image based on coordinates provided by PP the lease area is surrounded by agriculture land. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5415 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 22.30 Lakh as capital and Rs. 2.78 Lakh/year and under CER Rs. 01.50 Lakh/ year has proposed.

21. Case No. – 7686/2020 M/s Tomar Builders and Contractors, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (150000 cum per annum) (Khasra No. 2), Village - Magroni, Tehsil - Berad, Dist. Shivpuri, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2), Village - Magroni, Tehsil - Berad, Dist. Shivpuri, (MP) 2.0 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 (Ekal Praman-Patr) letter no. 2593 dated: 14/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

This is case already minitised in the SEAC 461st meeting dated 29.09.2020. Due to typographical error it was again acheduled in this agenda.

22. Case No. – 7681/2020 Shri Vikram Baradia, 22, Industrial Area, Dist. Katni, MP – 483501 Prior Environment Clearance for Dolomite and Soap Stone Mine in an area of 4.79 ha. (50315 cum per annum) (Khasra No. 178, 179, 180/635, 294/1), Village - Bhaganwara, Tehsil - Barwara, Dist. Katni, (MP)

This is case of for Dolomite and Soap Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 178, 179, 180/635, 294/1), Village - Bhaganwara, Tehsil - Barwara, Dist. Katni, (MP) 4.79 Ha. The project requires prior EC before commencement of any activity at site.

This is case already minitised in the SEAC 461st meeting dated 29.09.2020. Due to typographical error it was again acheduled in this agenda.

23. Case No. – 7677/2020 Shri Dinesh Kumar Dangi, Niwasi- Village - Padoniya, Tehsil- Biaora, Dist.- Rajgarh, MP – 469678 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (2550 cum per annum) (Khasra No. 1201/1), Village - Padoniya, Tehsil - Biaora, Dist. Rajgarh, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1201/1), Village - Padoniya, Tehsil - Biaora,

Dist. Rajgarh, (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

This is case already minitised in the SEAC 461st meeting dated 29.09.2020. Due to typographical error it was again acheduled in this agenda.

24. Case No. – 7747/2020 Smt. Meena Singh W/o Shri Manvendra Singh, R/o Nahua Colony, Lahar, Dist. Bhind, MP Prior Environment Clearance for Soil Quarry in an area of 1.0 ha. (2000 cum per annum) (Khasra No. 1213, 1239), Village - Chourai, Tehsil - Lahar, Dist. Bhind (MP)

This is case of for Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1213, 1239), Village - Chourai, Tehsil - Lahar, Dist. Bhind (MP) 1.0 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 Tehsildar Office (Ekal Praman-Patr) letter no. NIL dated: NIL has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed that during presentation as per Google image based on coordinates provided by PP. PP stated that this is a soil query and chimney shall not be installed within lease area and no drilling and blasting is proposed; only 02 meters depth is proposed for mining. Within 500 meters following sensitive features were observed of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	>100	South	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, 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 Soil Deposit 2,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.20 Lakh as capital and Rs. 02.93 Lakh/year and under CSR Rs. 0.90 Lakh/years has proposed.

25. Case No. – 7777/2020 Shri Raviraj Meena S/o Shri Bhagwan Singh Meena, R/o Village - Sonkatchh, Tehsil - Narsinghgarh, Dist. Rajgarh, MP – 455118 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (10000 cum per annum) (Khasra No. 1530/1/1 (Part), 1530/1/2 (Part)), Village - Sonkatchh, Tehsil - Narsinghgarh, Dist. Rajgarh, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1530/1/1 (Part), 1530/1/2 (Part)), Village - Sonkatchh, Tehsil - Narsinghgarh, Dist. Rajgarh, (MP) 1.0 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 Tehsildar Office letter no. 1371 dated: 31/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca road	>55	West	Controlled blasting with

			arrangements of sand bags and three rows of plantation towards road side.
Natural drain	>70	South-East	Provision of Garland drain & settling tanks.
02 Tree	Within lease	Central	Existing 01 tree within lease are proposed felling for which PP will take permission from competent authority and 10 trees shall be additionally planted, and other trees which are located in the barrier zone shall be kept intact.

After presentation the committee asked to submit following details:

- Commitment from PP that the ten times plantation will be done for one tree falling.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 10,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.28 Lakh as capital and Rs. 3.58 Lakh/year as recurring. Under CER Rs. 0.60 Lakh has proposed.

26. Case No. – 7776/2020 Shri Piyush Nagar S/o Shri Rajesh Nagar, Village - Khajuriya Hari, Tehsil - Sarangpur, Dist. Rajgarh, MP – 465689 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5000 cum per annum) (Khasra No. 7/3), Village - Sultaniya Khurd, Tehsil - Sarangpur, Dist. Rajgarh, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 7/3), Village - Sultaniya Khurd, Tehsil -

Sarangpur, Dist. Rajgarh, (MP) 1.0 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 Tehsildar Office letter no. 121 dated: 03/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	>85	South	Provision of Garland drain & settling tanks.
04 Trees	Within lease	West	PP Commitment that no tree falling is proposed.
Human settlement	390	SW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Commitment from PP that there will be no tree falling.
- Revised CER as suggested by PP.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.16 Lakh as capital and Rs. 3.58 Lakh/year as recurring. Under CER Rs. 0.60 Lakh has proposed.

27. Case No. – 7780/2020 Shri Nandkishor Kalmodiya, Village - Tindoniya, Tehsil - Narsingharh, Dist. Rajgarh, MP - 465667 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (15000 cum per annum) (Khasra No. 262 (Part)), Village - Tindoniya, Tehsil - Narsingharh, Dist. Rajgarh, (MP)

This is case of for Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 262 (Part)), Village - Tindoniya, Tehsil - Narsingharh, Dist. Rajgarh, (MP) 2.0 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 Tehsildar Office letter no. 2208 dated: 16/10/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
PMGSY Pucca road	>400	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
NH-12	>410	East	

PP further submits that the method of mining will be opencast semi-mechanized and no drilling and blasting is proposed.

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

1. Production shall be as per mine plan with quantity not exceeding for Murrum 15,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 17.71 Lakh as capital and Rs. 3.24 Lakh/year as recurring. Under CER Rs. 0.60 Lakh has proposed.

28. Case No. – 7778/2020 Shri Gopal Sharma S/o Shri Ramesh Chandra Sharma, R/o Village - Khankra Sabla, Tehsil - Biaora, Dist. Rajgarh, MP – 465661 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5000 cum per annum) (Khasra No. 88/5/1/1 (Part)), Village - Gagaurni, Tehsil - Jeerapur, Dist. Rajgarh, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 88/5/1/1 (Part)), Village - Gagaurni, Tehsil - Jeerapur, Dist. Rajgarh, (MP) 1.0 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 Tehsildar Office letter no. 1520 dated: 30/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is already excavated. PP submitted that it is very old pit and they have got the lease in such condition and this pit has shown on surface map. Within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca road	>80	North	Controlled blasting with arrangements of sand bags and

			three rows of Plantation towards road side.
Nala	440	North	Provision of Garland drain & settling tanks.
Human settlement	360	NW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.26 Lakh as capital and Rs. 3.44 Lakh/year as recurring. Under CER Rs. 0.60 Lakh has proposed.

29. Case No. – 7785/2020 Shri Asharam Patel S/o Shri Durga Prasad Patel, Village - Kandela, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Soil Quarry in an area of 1.486 ha. (1306.64 cum per annum) (Khasra No. 55/1), Village - Kandela, Tehsil - Gaurihar, Dist. Chhatarpur, (MP)

This is case of for Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 55/1), Village - Kandela, Tehsil - Gaurihar, Dist. Chhatarpur, (MP) 1.486 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. 1619 dated: 29/08/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.972 ha. including this mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
10-12Trees	within lease	Sparsely distributed	PP stated that there will be no tree falling is proposed. Trees which are located in the lease area shall be kept intact.

PP further submits that the method of mining will be opencast semi-mechanized and mine will attain a depth of mining 2m after 05 years. The chimney is not proposed within lease. After presentation the committee asked to submit following details:

- Inventory of the trees.
- PP's commitment from PP that there is no tree falling is proposed.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for soil 1306.64 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.85 Lakh as capital and Rs. 5.27 Lakh/year as recurring. Under CER Rs. 0.60 Lakh has proposed.

30. Case No. – 7784/2020 M/s Ramraja Stone Crusher, Partner, Shri Sushil Tiwari, H.No. 268, Ward No. 4, Front of Govt. Warehouse, Chandla Road, Lavkush Nagar, Dist. Chhatarpur, MP – 471625 Prior Environment Clearance for Stone Quarry in an area of 3.90 ha. (150000 cum per annum) (Khasra No. 114/1), Village - Bhulera, Tehsil - Rajnagar, Dist. Chhatarpur, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 114/1), Village - Bhulera, Tehsil - Rajnagar, Dist. Chhatarpur, (MP) 3.90 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 Tehsildar Office letter no. 344 dated: 25/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca road	.180	South-East	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.
Kachcha Road	30	NE	Set back of 20 meters and Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.
Isolated houses	>250	North-East	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.
Trees	within lease	Sparsely distributed	Trees which are located in the lease barrier zone area shall be kept intact.

After presentation the committee asked to submit following details:

1. Land agreement documents.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,50,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 28.97 Lakh as capital and Rs. 5.80 Lakh/year as recurring. Under CER Rs. 1.50 Lakh has proposed.

31. Case No. – 7779/2020 Shri Manohar Singh Rajpoot S/o Late Shri Shankar Singh Rajpoot, R/o Indra Chowk, Dist. Hoshangabad, MP – 466446 Prior Environment Clearance for Stone Quarry in an area of 1.012 ha. (3000 cum per annum) (Khasra No. 192/7, 192/8), Village - Rampurachakaldi, Tehsil - Rehti, Dist. Sehore, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 192/7, 192/8), Village - Rampurachakaldi, Tehsil - Rehti, Dist. Sehore, (MP) 1.012 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 (Ekal Praman-Patr) letter no. 1558 dated: 07/09/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3,26 ha. including this mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	>500 & >520	East & SW	-
Settlement	>600	SW	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side

The

EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.45 Lakh as capital and Rs. 3.38 Lakh/year as recurring. Under CER Rs. 0.30 Lakh has proposed.

32. Case No. – 7749/2020 M/s A.V.S.Stone Crusher, Village - Aston, Tehsil - Tikamgarh, Dist. Tikamgarh, MP – 472005 Prior Environment Clearance for Stone Quarry in an area of 1.416 ha. (25000 cum per annum) (Khasra No. 1246/1, 1246/2), Village - Dhanwaha, Tehsil - Tikamgarh, Dist. Tikamgarh (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1246/1, 1246/2), Village - Dhanwaha, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) 1.416 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. 554 dated: 18/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
-	-	-	-

PP further submits that the method of mining will be opencast semi-mechanized and mine will attain a depth of mining 12m after 05 years. After presentation the committee asked to submit following details:

1. Land agreement documents.
2. As there is no soil on the lease area revised EMP adding cost of soil importing for plantation.
3. Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 25,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 20.43 Lakh as capital and Rs. 4.98 Lakh/year as recurring. Under CER Rs. 0.90 Lakh has proposed.

33. Case No. – 7794/2020 Shri Neeraj Yadav S/o Shri Sobran Yadav, Village - Dharampura, tehsil & Dist. Tikamgarh, MP – 472115 Prior Environment Clearance for Murrum Quarry in an area of 1.0 ha. (6000 cum per annum) (Khasra No. 47P), Village - Dharampura, Tehsil - Tikamgarh, Dist. Tikamgarh, (MP)

This is case of for Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 47P), Village - Dharampura, Tehsil - Tikamgarh, Dist. Tikamgarh, (MP) 1.0 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 Tehsildar Office letter no. NIL dated: NIL has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	Within the lease	South west to south East	PP stated that this area shall be dealt as no- mining area

PP further submits that the method of mining will be opencast semi-mechanized and no drilling and blasting is proposed. After presentation the committee asked to submit following details:

- Revised surface map marking the area as non mining zone.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 6,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.18 Lakh as capital and Rs. 3.34 Lakh/year as recurring. Under CER Rs. 0.30 Lakh has proposed.

34. Case No. – 7795/2020 Shri Aniruddha Singh S/o Shri Vijay Singh, Village - Jyoraha, Tehsil - Lavkushnagar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Stone Quarry in an area of 1.969 ha. (100000 cum per annum) (Khasra No. 4595/7, 4595/8), Village - Gahbara, Tehsil - Gaurihar, Dist. Chhatarpur, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4595/7, 4595/8), Village - Gahbara, Tehsil - Gaurihar, Dist. Chhatarpur, (MP) 1.969 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 Tehsildar Office letter no. 92 dated: 06/08/2020 has reported that there are no more mines of homogeneous nature operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is falling on the hillock which is approximately height of 39 meters from surface. Within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	>250	South – East	Protection plan & muffle blasting with arrangements of sand bags and three rows of plantation in this side.

PP further submits that the method of mining will be opencast semi-mechanized and mine will attain a depth of mining 24m after 05 years. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,00,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 23.02 Lakh as capital and Rs. 6.00 Lakh/year as recurring. Under CER Rs. 1.20 Lakh has proposed.

35. Case No. – 7792/2020 Shri Rohit Kaithwas S/o Shri Kishore Kaithwas, Ward No. 21, Parasia, Dist. Chhindwara, MP 480557 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (9998 cum per annum) (Khasra No. 1/18), Village - Gajandoh, Tehsil - Umreth, Dist. Chhindwara, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/18), Village - Gajandoh, Tehsil - Umreth, Dist.

Chhindwara, (MP) 1.0 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. 3496 dated: 18/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	>24000	South	Provision of Garland drain & settling tanks.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 9998 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.73 Lakh as capital and Rs. 3.14Lakh/year as recurring. Under CER Rs. 2.50 Lakh has proposed.

36. Case No. – 7798/2020 Shri Dheeraj Shah S/o Shri Ganpat Shah, Near Railway Station, Parasia, Dist. Chhindwara, MP – 480441 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (13999 cum per annum) (Khasra No. 378/1/2, 378/3/1, 378/8), Village - Sirgora, Tehsil - Parasia, Dist. Chhindwara, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 378/1/2, 378/3, 378/8), Village - Sirgora, Tehsil - Parasia, Dist. Chhindwara, (MP) 1.0 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. 3509 dated: 10/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca road	>320	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Kachcha Road	>30	East	

After presentation the committee asked to submit following details:

- Revised CER cost as suggested by Committee.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 13,999 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.70 Lakh as capital and Rs. 3.11 Lakh/year as recurring. Under CER Rs. 3.00 Lakh has proposed.

37. Case No 7804/2020 Shri Vinod Patidar S/o Shri Dhartilal Patidar, Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 4.0

ha. (28500 cum per annum) (Khasra No. 01), Village - Nigrani, Tehsil - Manawar, Dist. Dhar, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01), Village - Nigrani, Tehsil - Manawar, Dist. Dhar, (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. 1300 dated: 29/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is already excavated . PP submitted that it is very old pit and thaey have got the lease in such condition and this pit has shown on surface map. Within 500 meters following sensitive features were observed

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
PMGSY Pucca road	50	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	>290	NE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 28,500 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.56 Lakh as capital and Rs. 4.30 Lakh/year as recurring. Under CER Rs. 4.00 Lakh has proposed.

38. Case No. – 7750/2020 Shri Rajiv Kumar Sahu S/o Shri Shambhu Prasad Sahu, Village - Gadasarai, Tehsil - Bajag, Dist. Dindori, MP – 481884 Prior Environment Clearance for Stone Quarry in an area of 1.320 ha. (9998 cum per annum) (Khasra No. 11 (Part)), Village - Ratana Mal, Tehsil - Bajag, Dist. Dindori (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 11 (Part)), Village - Ratana Mal, Tehsil - Bajag, Dist. Dindori (MP) 1.320 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. 341 dated: 18/09/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.32 ha. including this mine.

During presentation as per Google image based on coordinates provided by PP, within the lease 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca road	280	South-West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

Human settlement	>370	SE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
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The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 9998 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.28 Lakh as capital and Rs. 3.04 Lakh/year as recurring. Under CER Rs. 2.00 Lakh has proposed.

39. Case No. – 7799/2020 M/s Shiva Mines & Minerals, R/o A-803, DB City, Sachin Tendulkar Marg, City Centre, Dist. Gwalior, MP - 485774 Prior Environment Clearance for Stone Quarry in an area of 3.60 ha. (150000 cum per annum) (Khasra No. 162/1/1, 162/1/2, 162/1/3), Village - Itwan, Tehsil - Lavkushnagar, Dist. Chhatarpur, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 162/1/1, 162/1/2, 162/1/3), Village - Itwan, Tehsil - Lavkushnagar, Dist. Chhatarpur, (MP) 3.60 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 Tehsildar Office letter no. 1078 dated: 23/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
09 Trees	within lease	Sparsely distributed	Existing 09 trees within lease are proposed felling for which PP will take permission from competent authority and 90 trees shall be additionally planted, and other trees which are located in the barrier zone shall be kept intact.
River	>200	South	Provision of Garland drain & settling tanks.
Natural Drain	>50	North- East	Provision of Garland drain & settling tanks.

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 1,50,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.26.32 Lakh as capital and Rs. 09.62 Lakh/year and under CSR Rs. 02.0 Lakh has proposed.

40. Case No. – 7800/2020 M/s Shiva Mines & Minerals, R/o A-803, DB City, Sachin Tendulkar Marg, City Centre, Dist. Gwalior, MP – 485774 Prior Environment Clearance for Stone Quarry in an area of 1.358 ha. (30000 cum per annum) (Khasra No. 116, 118, 119, 120), Village - Itwan, Tehsil - Lavkushnagar, Dist. Chhatarpur, (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 116, 118, 119, 120), Village - Itwan, Tehsil - Lavkushnagar, Dist. Chhatarpur, (MP) 1.358 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. 2006 dated: 24/09/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.716 ha. including this mine.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural Drain	>350	South	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Revised plantation species as suggested by the committee.
- Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, 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 30,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.8.80 Lakh as capital and Rs. 05.24 Lakh/year and under CSR Rs. 2.00 Lakh has proposed.

41. Case No 7506/2020 M/s Siddhi Vinayak Stone Crusher, Shri Vijay Kunderiya, Partner, Ward No. 19, Basari Darbaza, Near Kamla Nehru, Dist. Chhatarpur, MP - 471001 Prior Environment Clearance for Stone Quarry in an area of 2.8440 ha. (150000 cum per annum) (Khasra No. 2149, 2150, 2224), Village - Kanti, Tehsil - Chhatarpur, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2149, 2150, 2224), Village - Kanti, Tehsil - Chhatarpur, Dist. Chhatarpur (MP) 2.8440 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. 2392 dated: 22/05/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 456th meeting dated 17/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 456th meeting dated 17/09/2020.

42. Case No 7567/2020 Shri Jai Bahadur Singh S/o SHri Surendra Pratap Singh, R/o South Karoudiya, Tehsil - Gopad Banas, Dist. Sidhi, MP Prior Environment Clearance for Stone Quarry in an area of 2.580 ha. (43947 cum per annum) (Khasra No. 156, 157 Part), Village - Bahera West, Tehsil - Gopad Banas, Dist. Sidhi (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 156, 157 Part), Village - Bahera West, Tehsil - Gopad Banas, Dist. Sidhi (MP) 2.580 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. 552 dated: 21/08/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.28 ha., including this mine.

The case was scheduled in 457th meeting dated 18/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by the PP and their consultant during presentation during presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is already excavated. PP submitted that it is very old pit earlier it was sanctioned to some other PP and at present about 04 meters depth is existing. They have got the lease in such condition and this pit has shown on surface map.

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 43947 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.07.728 Lakh as capital and Rs. 03.12 Lakh/year and under CSR Rs. 05.25 Lakh has proposed.

43. Case No. – 6493/2019 M/s Om Granite, Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur, MP – 471510 Prior Environment Clearance for Crusher Stone (Granite) Mine in an area of 1.214 ha. (25,886 cum per annum) (Khasra No. 1591/2P), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP).

This is case of Crusher Stone (Granite) Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1591/2P), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP). 1.214 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. 1904 dated: 05/04/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 19.628 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 396th SEAC meeting dated 01/10/19 wherein ToR was recommended. PP has submitted the EIA report vide letter dated NIL which was forwarded through SEIAA vide letter no. 2705 dated 08/09/2020, which was placed before the committee.

The case was scheduled in 457th meeting dated 18/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

PP has submitted the EIA report vide letter dated 19/08/2020 which was forwarded through SEIAA vide letter no. 2705 dated 08/09/2020, which was placed before the committee. PP and their consultant presented the EIA before the committees; following details of this project were submitted by the PP:

Timeline of the Project

Date of Letter of Intent (LOI)	03.05.2018
Date of TOR application submitted	10/05/2019
Agenda No. & Date of TOR presentation	396th Meeting of SEAC, Dated: 01.10.2019
Date TOR issued	30/10/2019
Date & Duration of Baseline Data Collection	April to June 2019 (Pre Monsoon -3 Months)
Date of Public Hearing Advertisement	10/06/2020 (Dainik Bhaskar & Desh Bandhu)
Date of Public Hearing	11/07/2020

Date of Final EIA submitted at SEIAA M.P	02/09/2020
Date of Final EIA Appraisal at SEAC	463rd SEAC Meeting, dated 01/10/2020

Protection plan for the fly rocks to protect nearby agricultural fields/Settlements :

We have proposed the controlled blasting using Nonel Deley Detonator System with the permission of DGMS. The blasting will be covered with muffling, so that stones will not fly in the air.

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 Crusher Stone (Granite) Mine in an area of 1.214 ha. (25,886 cum per annum) (Khasra No. 1591/2P), Village - Didwara, Tehsil - Lavkush Nagar, Dist. Chhatarpur (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 1200 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 (750m x 1m x 1m) . The settling tank will be 02 in number of size (10mx 2mx 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. The existing and proposed land use plan of the mine is as follows:

S No.	Heads	At present m2	At the end of 5yrs m2	At the end of conceptual period m2
1	Total Area excavated (broken)	0	21742	22877
2	Area mined out (out of 1)	0	0	0

3	Area fully reclaimed (back filled) (out of 2)	0	0	0
4	Area rehabilitated by water harvesting (out of 2)	0	0	6166
5	Area fully rehabilitated by bench/slope forestation(out of 2)	0	0	16261
6	Total Area under dumps	0	0	0
7	Area under active dumps	0	0	0
8	Area under Road (Out side pit)	0	-	-
9	Area under Infrastructure	0	50	50
10	Green Belt Area	0	900	4473
11	Undisturbed Area	27400	4708	0
	Total Area	27400	27400	27400

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

(C) ENTIRE LIFE OF THE PROJECT

33. In the proposed EMP, capital cost is Rs. 29.69 Lakh is proposed and Rs.4.71 Lakh /year as recurring expenses.
34. Under CSR activity, Rs. 3.480 Lakh /year are proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

44. Case No 7575/2020 Shri Arvind Singh Chauhan S/o Shri Jagmohan Singh Chauhan, Village - Baproli, Tehsil & Dist. Niwari, MP – 472442 Prior Environment Clearance for Stone Quarry in an area of 1.736 ha. (40000 cum per annum) (Khasra No. 23/1 Part), Village - Baproli, Tehsil - Niwari, Dist. Niwari (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23/1 Part), Village - Baproli, Tehsil - Niwari, Dist. Niwari (MP) 1.736 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 Tehsildar Office letter no.Q dated: 20/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 459th meeting dated 23/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled again for presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

45. Case No 7576/2020 Shri Dharmveer Singh S/o Shri Virendra Singh, Village - Baproli, Tehsil & Dist. Niwari, MP – 472442 Prior Environment Clearance for Stone Quarry in an area of 1.636 ha. (40000 cum per annum) (Khasra No. 23/1 Part), Village - Baproli, Tehsil - Niwari, Dist. Niwari (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23/1 Part), Village - Baproli, Tehsil - Niwari, Dist. Niwari (MP) 1.636 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 Tehsildar Office letter no. Q dated: 20/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 459th meeting dated 23/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

46. Case No. – 7661/2019 M/s Government Opium and Alkaloid Works, Ministry of Finance Department of Revenue, Shri Harinarayan Meena, General Manager, Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch, MP - 458441 Prior Environment Clearance for Expansion in Processing of Opium & Manufacturing of Alkaloids at Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch (MP).

This is case Prior Environment Clearance for Expansion in Processing of Opium & Manufacturing of Alkaloids at Bungalow No. 57, Besides Ashish Bhavan Church, Station Road, Dist. Neemuch (MP)

The case was scheduled in 460th meeting dated 24/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The PP and their consultant presented the EIA before the committee the salient features of this project are as:

- Proposed expansion of opium processing and alkaloids manufacturing plant is located at bungalow No. 57, Beside Ashish Bhawan Church, Station Road, Neemuch-458441, District Neemuch, Madhya Pradesh
- Total Capacity of Project after Expansion will be 30.0 Tons/Annum
- As per EIA Notification 2006; proposed expansion project fall under Category 5 (f) “Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) as per EIA Notification, 2006.
- As per EIA Notification 2006; earlier the project categories as Category “A” project hence application for ToR approval was accepted by EAC, MoEFCC dated 23rd April 2018

- Standard ToR for Environmental Impact Assessment for the project was issued from EAC Industry-2 dated 24th May 2018 as per ToR Letter No. No.IA-J-11011/90/2018-IA-II(I). Proposal number is IA/MP/IND2/73419/2018
- Baseline Environmental Studies was conducted from 1st March 2018 to 31st May, 2018 considering one Non Monsoon season
- Considering the recent MoEFCC, SO No. 1223 (E) dated 27th March, 2020; “All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API), received up to the 30th September 2020, shall be appraised, as Category ‘B2’ projects hence Application for project for Environmental Clearance is submitted under B2 Category.

Chronology of Project:

S. No.	Particulars	Date
1	Online Application Submitted to MoEF&CC Online Portal	10th March 2018
2	Query/EDS by EAC regarding inter-state boundary distance certificate	14th March 2018
3	Resubmission of Application along with distance Certificate	18th April 2018
4	The case Accepted by EAC	23rd April 2018
5	Form-I, PFR and supporting documents hard copy submitted to MoEF&CC New Delhi	02nd May 2018
6	Standard ToR Granted	24th May 2018
7	Public Hearing	8th December, 2019
8	Final EC Document Submission	08th August 2020

The case was presented by PP and their consultant wherein during scrutiny of document it was observed by committee that there are several discrepancies in the report submitted by PP. Some of them are following:

- During presentation PP informed that public hearing was conducted 08.10.2019 but no details were given in the submitted EIA report.
- Justify- Capacity of existing DG set is 475.5 kVA in the MPPCB consent form where as in the EIA report PP mentioned existing DG set capacity of 435kVA.
- How high COD waste of > 30,000 will be treated. Being API, separation of high COD and low COD stream shall be treated separately to achieve zero liquid discharge.
- Details given in PFR and EIA shall be same wherein in the submitted EIA and PFR there is mismatch in details.
- Reason for high TDS and hardness are not justified in the EIA report.
- In the attached analysis reports the sample collection date is 09/05/2018 while the date of analysis is mentioned as 11/05/2019 please justify.
- The period of monitoring is mentioned as 1st March 2018 to 31st march 2018 why only one month monitoring was carriedout, justify.
- Many enclosures attached with the EIA report are not legible and even attached photocopies are not as per their serial numbers.
- Study of fauna is not classified as per the schedule. Please justify if there is any schedule- I species found in the study area. If yes, their wild life management plan made in consultation with Chief Wildlife Warden.
- Details of any risk assessment study carriedout.

After presentation PP/consultant was asked to submit revised EIA report incorporating all the above details/ document in legible form for further consideration of the project.

47. Case No. – 7662/2019 M/s Life First Pharma Private Limited, Shri Rishabh Mehta, Director, M-1, BCM Heights, Shri Badalchand Mehta Marg, Scheme No. 54, Dist. Indore, MP - 452010 Prior Environment Clearance for API Drugs Manufacturing Plant at Plot No. 92, Smart Industrial Park, Pithampur Industrial Area, Pithampur, Dist. Dhar (MP).

This is case Prior Environment Clearance for API Drugs Manufacturing Plant at Plot No. 92, Smart Industrial Park, Pithampur Industrial Area, Pithampur, and Dist. Dhar (MP). The application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. The case was scheduled in 460th meeting dated 24/09/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

PP and their consultant presented the EIA before the committee PP stated that this proposed API Drugs Manufacturing Plant of 4200.00 Tons /year (350 TPM) total capacity. The proposal was submitted for Environmental Clearance under 5(f) category “Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) as per EIA Notification 2006 and categorized under B2 Category as per recent MoEFCC So. No. 1223 (E) dated 27th March 2020. The Salient features of this project are as:

Project History

M/s. Lifefirst Pharma Pvt. Ltd. has proposed New API Drugs Manufacturing Plant at Plot No. 92, Smart Industrial Park, Pithampur Industrial Area, Pithampur, Dist. Dhar (MP). Application of the project for Environmental Clearance was submitted through Online Portal of MoEFCC on 8th September, 2020 as per Proposal No. SIA/MPIND2166809/2020. Proposal is listed for technical presentation on 463rd SEAC, Govt. of MP meeting dated 1st October 2020. As per recent MoEFCC So. No. 1223 (E) dated 27th March 2020; the project is categorized under B2 Category.

Project Location & Connectivity

The project is located over the land which comes under Smart Industrial Park, Pithampur Industrial Area, Pithampur, Dist. Dhar (MP). Geographical coordinate of project is Latitude: 22°34'3.76"N Longitude: 75°35'58.97"E and elevation of the project is 553 meters above sea level. The project is located in Plot No. 92, Smart Industrial Park, Pithampur Industrial Area, Pithampur, Dist. Dhar (MP). The site is well connected with NH-59 which is about 12 km from the project site. The nearest railway station is Indore Railway Station at 32 Km NE direction. Nearest Airport is Devi Ahilyabai Holkar, International Airport, Indore at 26.0 Km NE direction.

The site is already under possession of M/s Lifefirst Pharma Pvt. Ltd. and comes under the Smart Industrial Park (SIP), Pithampur Industrial Area, Pithampur, District Dhar (MP), Gujarat- Madhya Pradesh. Interstate Boundary from project site is 148 Km and Maharashtra-Madhya Pradesh Interstate Boundary is 152 Km from Project site. Kharmaur WLS is 130 Km and Dinosaurs WLS is 160 Km from project site. There is No National Park,

Wild Life Sanctuary, Bio-sphere Reserve and Tiger Reserve is falling with 10 km radius from the project site.

Project Details

Total 33442.5 Sq. M. area is required for development of the project including plant area as well as other facility, open space, road and green belt area and area consider for future expansion. M/s. Lifefirst Pharma Pvt. Ltd. has proposed API Drug Manufacturing Plan of 4200 TPA (350 TPM) capacity. Total 57 products have been proposed. Estimated project cost along with analysis in terms of economic viability. Total cost of proposed unit will be 47.75 Crore.

The major facilities involved are Boiler, MEE, ATFD, Solvent recovery Plant, Solvent storage area, reactors, Cooling towers, Effluent treatment plant (ETP), and R.O Plant Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.

Total water requirement for the project will be 220 kl/day. The water required for the proposed activity will be fulfilled by the MPIDC.

Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016). M/s. Life First Pharma Pvt. Ltd. has to secure the membership with nearest CHWTSDF for disposal of Hazardous waste generated from the proposed project.

Power requirement for this project will be 1000 kWH whereas connected load in 1500 KWH. Required power will be source from MP PaschimKshetraVidhyutVitrان Co. Ltd. Load sanction application will be submitted. DG set of 1000 KVA has been provided as backup. Diesel will be required for the D.G. set which will be purchased from the nearest petrol pump in drum and transported by road only.

Approximately 100 Nos. of workers will be required which will mostly source from local area. In addition to direct employment, indirect employment shall generate ancillary business to some extent for the local population. Migration of highly education and skilled experience will result in increase of literacy in the surrounding villages.

After presentation and deliberation PP was asked to submit following information.

- Justify ZLD while showing 02-05 KLD in diagram in EIA.
- Justify where from spent acid is generated in API unit .
- Revised plantation species as suggested by the committee.
- Ash disposal plan.
- Clarification regarding high COD and high TDS in MEE effluent outlet.
- Waste generation of per ton for the product.
- List of raw material and their storage mechanism, MSDC etc.
- Drainage plan and Runoff details with volume .

PP vide letter dated 01.10.2020 submitted reply of the above query. The query reply was discussed and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for API Drugs Manufacturing Plant (Qty. 4200.00 Tons /year (350 TPM) total capacity.) at Plot No. 92, Smart Industrial Park, Pithampur Industrial Area, Pithampur, District Dhar (MP) by M/s. Lifefirst Pharma Pvt. Ltd with following special conditions:

(A) Statutory compliance:

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to

time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(B) Air quality monitoring and preservation

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM10 and PM2.5 in reference to PM emission and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) covering upwind and downwind directions.
4. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
6. The DG sets (1 x 1000 kVA) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
7. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.

8. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

1. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
2. As already committed by the project proponent “Zero Liquid Discharge” shall be ensured and no waste/treated water shall be discharged outside the premises.
3. Total 75 KLD ETP should be provided along with Stripper and MEE of 40 KLD capacity to ensure ZLD. Total plant will be based on Zero liquid Discharge Concept (ZLD) and no waste water will be discharged outside the plant. No ground water will be extracted to fulfill the water requirement.
4. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
5. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
6. Total water requirement for the project will be 220 kl/day. The water required for the proposed activity will be fulfilled by the MPIDC.
7. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
8. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
9. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

1. Acoustic enclosure shall be provided to DG sets (1 x 1000 kVA) for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(E) Energy Conservation measures

4. The energy sources for lighting purposes shall preferably be LED based.
5. Total power requirement for this project will be 1000 KWH whereas connected load in 1500 KWH. The same will be provided from MP PaschimKshetraVidhyutVitan Co. Ltd. Load sanction application will be submitted. DG set of 1000 KVA has been provided as backup. Diesel will be required for the D.G. set which will be purchased from the nearest petrol pump in drum and transported by road only.

(F) Waste management

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/rejected finished products from the manufacturing plants shall be directly sent to CTSDF, Dhar.
3. Ash generated from the boiler shall be stored separately and has to be sent to CTSDF, Dhar.
4. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
5. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
6. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.

7. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
8. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
9. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
10. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
11. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
12. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
13. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
14. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
15. The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

1. The total plot area is 33442.5 Sq. m and 11985.75 sq. m of land is reserve for development of thick green belt which is about 35.00 % of total plot area. Total 750 Tree species along with ornamental plants shall be planted. Required nutrients/water/ manure and protection mess shall be provided. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover

preferably of perennial green nature. As proposed in the EMP750 no's trees in three years shall be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

(H) Safety, Public hearing and Human health issues

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) Corporate Environment Responsibility

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements /

deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
5. The estimated capital and recurring cost of Environmental Management Plan for is 200.00 Lakhs and 88.0 lakh/year respectively.
6. Under CER activity, capital cost is total 96.0 lakhs proposed for different activities.
7. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
8. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

(J) X. Miscellaneous

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
3. The project proponent shall abide by all the commitments and recommendations made in the EMP report and also during their presentation to the Expert Appraisal Committee.
4. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

48. Case No 7809/2020 M/s Maa Sharda Mines and Minerals, Smt. Amrita Namdeo, Partner, Plot No. 107, Bairagarh Chichli, Kolar Road, Dist. Bhopal, MP – 462042 Prior Environment Clearance for White Clay Mine in an area of 3.238 ha. (5000 cum per annum) (Khasra No.512/2/Ka/1), Village - Parasrampur, Tehsil - Maihar, Dist. Satna (MP)

This is case of for White Clay Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No.512/2/Ka/1), Village - Parasrampur, Tehsil - Maihar, Dist. Satna (MP) 3.238 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. 225 dated: 25/01/2020 has reported that there are 03 (02 खदान की लीज समाप्त हो चुकी हैं और एक खदान 2011 से शिथिल) more mines operating or proposed within 500 meters around the said mine with total area of 44.371 ha. including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that huge old excavated pit is seen for which PP submitted that this mine was sanctioned in the period of 2002 -2007 and that time trial pit was prospecting was excavated and since year 2007 lease is closed .The committee was asked PP to submit M.O. letter in this context.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, 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 White Clay 5,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.05.75 Lakh as capital and Rs. 01.50 Lakh/year and under CSR Rs. 0.4 Lakh/year has proposed.

49. Case No 7810/2020 Shri Lal Singh Chauhan S/o Shri Ramlal Chauhan, Village - Shivkothi, Tehsil - Punasa, Dist. Khandwa, MP - 450554 Prior Environment Clearance for Stone Quarry in an area of 3.80 ha. (15000 cum per annum) (Khasra No. 25, 26, 27/2, 28, 29, 34, 35), Village - Deshgaon, Tehsil - Khandwa, Dist. Khandwa (MP)

This is case of for Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 25, 26, 27/2, 28, 29, 34, 35), Village - Deshgaon, Tehsil - Khandwa, Dist. Khandwa (MP) 3.80 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. 34 dated: 22/02/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

50. Case No 7812/2020 Shri Yashwant Patel S/o Shri Omnarayan Patel, Gadariya, Tehsil - Seoni Malwa, Dist. Hoshangabad, MP – 461223 Prior Environment Clearance for Stone and Murrum Quarry in an area of 4.450 ha. (70000 cum per annum and Murum (14,400) (Khasra No. 4/1, 3/2), Village - Bothiyakalan, Tehsil - Harsud, Dist. Khandwa (MP)

This is case of for Stone and Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4/1, 3/2), Village - Bothiyakalan, Tehsil - Harsud, Dist. Khandwa (MP) 4.450 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. 779 dated: 4/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
04 Trees	within lease	Sparsely distributed	Existing 04 trees within lease are proposed felling for which PP will take permission from competent authority and 40 trees shall be additionally planted, and other trees which are located in the barrier zone shall be kept intact.
National Highway	>110	SW	No drilling and blasting is proposed .
Human settlement	>450	NE	

PP further stated that they have proposed wind breaking wall in view of NH and proposal of 5350 trees to be planted in approach road, Mine lease boundary and at Bothiyakalan village area on government land. After presentation the committee asked to submit following details:

- Revised plantation scheme.
- Revised EMP map.
- Revised EMP as suggested during presentation.

PP has submitted the response of above quarries same date vide letter dated 01.10.2020, 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 Murrum 70,000 cum/annum.

2. A budgetary provision for Environmental management Plan of Rs.11.36 Lakh as capital and Rs. 03.81 Lakh/year and under CSR Rs. 07.0 Lakh has proposed.

51. Case No 7817/2020 M/s Viscus Oils Pvt. Ltd, 55/1/2-C, New Palasia, Dist. Indore, MP – 452001 Prior Environment Clearance for Expansion in Manufacturing of Resin & other Edible/non-edible based products at Khasa no., Village - Raokhedi, Post - Mangaliya, A.B. Road, Tehsil - Sanwer, Dist. Indore (MP)

This is case of Prior Environment Clearance for Expansion in Manufacturing of Resin & other Edible/non-edible based products at Khasa no., Village - Raokhedi, Post - Mangaliya, A.B. Road, Tehsil - Sanwer, Dist. Indore (MP).

The case was presented by the PP and their consultant for issuing of TOR to carryout EIA studies with site specific details wherein PP submitted that this is of expansion case quantity from 2000 MTPA, to 14000 MTPA.

Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. PP should provide entire product mix in the EIA report.
2. Fly-ash management plan.
3. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
4. Details of solvents and their recovery plan should be discussed in the EIA report.
5. VOC should be monitored in the AAQ.
6. List of Raw material required and source.
7. Manufacturing process details.
8. All MSDS should be provided with the EIA report.
9. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
10. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
11. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
12. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
13. PP should explore possibility of using Biofuel based technology in boilers.

14. Site-specific micro-meteorological data using temperature, relative humidity, wind speed and direction and rainfall.
15. Location of National Park/Wild life sanctuary/Reserve Forest within 10 km radius of the project.
16. Detailed water and air pollution and its mitigation plan.
17. Mathematical modeling for the dispersion of pollutants.
18. Water balance cycle data including quantity of effluent generated, recycle/reused and discharged.
19. Ground water monitoring at 8 locations around the proposed site.
20. Solid waste generation, storage, utilization and disposal particularly related to the hazardous waste.

52. Case No 7818/2020 M/s Shailchem Distillate Pvt. Ltd, Plot No. 139A to 142A, AKVN Industrial Area, Meghnagar, Dist. Jhabua, MP – 457779 Prior Environment Clearance for Manufacturing of Drug Intermediates and Key Starting materials for API at Plot No. 139-A, Industrial Area, Village - Bedavali, Tehsil - Meghnagar, Dist. Jhabua, (MP)

This is case of Prior Environment Clearance for Manufacturing of Drug Intermediates and Key Starting materials for API at Plot No. 139-A, Industrial Area, Village - Bedavali, Tehsil - Meghnagar, Dist. Jhabua, (MP).

The case was presented by the PP and their consultant wherein stated that this is case of Environment Clearance for API- Drug intermediates & Key starting material for API having capacity of 4980 TPA at Plot No. 139-A, Industrial Area, Meghnagar, Dist. Jhabua (MP). The proposed project falls under item no 5(f) i.e. Synthetic organic chemicals hence requires prior EC from SEIAA before initiation of activity at site.

During presentation PP has submitted following salient features of the project

- The proposed project is for API-Drug intermediates & Key Starting material for API, for 4980 MT/annum, proposed in the premises of 10000sq.m. Total fixed cost of the project is 15.00 Crore as per the company gross book value.
- The major facilities involved area Boiler, Cooling Towers, ZLD based Effluent Treatment system (ETP) with MEE & ATFD, Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- The industrial water requirement for the proposed project is 93 KL per day which will sourced from AKVN supply. Total waste water generation from proposed unit will be 86.5 KLD. The proposed capacity of ETP, and MEE is 150KLD, and 75 KLD (output), respectively

- Hazardous waste generated during the manufacturing process will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Trans-boundary Movement) Rules, 2008 (Amendment 2016). M/s Shailchem will take expanded authorization Under Hazardous Waste (Management, Handling & Trans-boundary Movement), Rules.
- Power requirement will be sourced from existing line of 'Madhya Pradesh PashchimiKshetra Vidyut Vitaran Company'. The company is authorized to use power load of 1300 KVA. In case of power failure, D.G. sets of 500- KVA will be used as a backup power source.
- The M/s Shailchem Distillate Pvt. Ltd. will have total manpower of approx. 158 and will be from Meghnagar and nearby villages/area and therefore no residential planning has been incorporated.
- The total estimated cost of the proposed project Rs. 15 Crore out of which Rs. 501.8 Lacs (capital cost) is allocated for environmental management systems and the annual recurring cost for the same is Rs 18.50 Lacs.

S.N.	Component	Status
1	Name	M/s. Shailchem Distillate Pvt Limited
2	Location	Plot no 139-A, Industrial Area Meghnagar dist Jhabua (MP)
3	Product type	Active Pharmaceutical Ingredients (APIs)
4	Project Type	Brown Field
5	Schedule / Project Activity No. - as per EIA notification	5 (f) Synthetic Organic Chemicals As per EIA Notification 2006, and Amendments thereof. vide S.O. 1223 (E), dated 27/03/2020, API Products shall be appraised as "Category - B2"
6	Category of Project	MSME
7	Area Details in Sq Meter	
i	Total Plot Area	10000sq.mm ²
ii	Built up Area	4100m ²
iii	Green belt Area	3500 m ² (approx. 35 % land area)
8	Production Details	
i	Production Capacity	Production Capacity of API & Pharmaceutical Intermediates, Proposed: 4980 MT/Anum
9	Budgetary Allocation	
i	Project Cast	15 Crores in primary phase
ii	EMP Cast	
	Capital cost	501 Lacs for EMS viz. ETP, MEE, APCM etc

	Annual recurring cost	18.50 Lacs	
ii	Annual re-occurring cost	7 Lacs	for EMS - O&M and monitoring etc
iii	CER Activities	15 Lacs	
10	Power Requirement		
i	Proposed Connected Load(KW)		
ii	Total Power Requirement	1300kva	
iii	Source	MPEB	
11	Fuel Requirement		
i	Briquette/Coal for Boilers (2 TPH)	6.5 T/day	
iii	HSD For DG Set (500 kVA) *	96lit/hour	
12	DG Set Details		
i	DG Set (1No.)	500 kVA	
13	Utility Capacity		
		Capacity	Type of fuel
14	Scrubber Details		
i	Acid scrubber	...	
ii	Alkali Scrubber	Ventury type 10000 L -01,5000 L-01	
15	Stack Details		
i	Boiler Stack	450 MM DIA.X 30 M HEIGHT (FOR 2000 KG/HR)	
ii	Scrubber Stack	6 m from roof top level or 24 m which is higher	
iii	D.G. Set	4 meter above roof or 11 m which is higher	
16	Man Power		
i	Construction phase	100-150	
	Operation phase	66 workers per day (66 workers per shift)	
S.N.	Component	Status	
17	Water Details		
i	Total Water Requirement	143 KLD	
ii	Recycle water *	50 KLD	
iii	Actual fresh water requirement	93 KLD	
18	Effluent Details		

i	Domestic Effluent	5 KLD
ii	Process Effluent	76KLD
iii	Utility, washing and others	10.5 KLD
iv	Total effluent generation	86.5
19	ETP Details	
i	Stream segregation	Effluent will be segregated as High COD/High TDS & Low COD/Low TDS Effluent
ii	High COD/High TDS Effluent	High COD/high TDS Effluent will be treated in ETP followed by MEE with Agitated thin film dryer.
iii	Low COD/Low TDS Effluent	Low COD/Low TDS Effluent will be treated in an Effluent Treatment Plant comprising of Primary, Secondary & Tertiary treatment like sand filter carbon filter followed with MEE &ATFD . The treated effluent will be reused within the company premises as cooling tower makeup water and boiler feed etc.
20	Waste Management	
i	Solid waste, Hazardous waste,	All Haz. waste, solid & other waste will be segregated and properly stored prior to its final disposal and its managed would be carried out as per HW Rules, SW Rules & CPCB/GPCB guideline

Land Use Pattern

S.No.	Particulars	Total Area (Sq. Mt.)
1	Total Land Area	10,000
2	Built up area	4,100
	Break up of Built up area	
2.1	PRODUCTION BLOCKS	1500
2.2	WAREHOUSE	500
2.3	UTILITY BUILDING	200
2.4	ADMIN QC & QA	300

2.5	UG TANK & PUMP ROOM	200
2.6	SECURITY	100
2.7	ETP	1000
2.8	Drum Storage	200
2.9	ACID Drum Storage	100
3	Green Belt - 3 Layer Trees	3500
4	Future Allocation	800
5	Open Land	1600

Fuel Consumption and Control Measure Details

Fuel Consumption and Control Measure Details									
#	Stack Attached to		Stack Height in m	Fuel Used	Fuel consumption rate	APC measure	Pollutant Emission Rate (mg/Nm ³)		
							T P M	SO ₂	NO _x
Proposed									
	Boiler	30	Coal	6500 Kg/day	Bag filter	Within Prescribed limit			
	DG set	4	diesel	65 Lit/day	Acoustic encloser	Within Prescribed limit			
	Scrub ber	02	alkali	-	Venturi type	Within Prescribed limit			

WATER BALANCE

Sr. No.	Category	Proposed Consumption	Proposed Generation
1	Domestic	5	5
2	Industrial		
i	Process	76	76
ii	Boiler	32	3
iii	Cooling makeup	25	2.5
iv	Washing	6	6

Total Industrial	138	86.5
Total (1+2+3)	143	91.5
Recycle*		25(will be used in plantation
Recycle**		50
Actual fresh water requirement		93

- The total water requirement is about 143KLD and waste water generated from the plant will be about 86.5KLD. Out of this about 55 KLD will be High COD from Process, &Boiler blow down & washing will be 15.5 KLD Low COD will be 20 KLD. Domestic/ Sewage 5 KL will be collected by gravity from all sources into soak pit.
- HTDS Effluent will be sent to ETP followed with Multiple Effect Evaporator (MEE) & Agitated Thin Film Dryer (ATFD).
- Low COD will be sent to ETP followed by MEE & ATFD.

Process

First of all, various streams coming out from plants as well as from other sources are allowed to collect in equalization tanks. Mainly the streams are as below.

1. Process Stream
2. Washings from processing area
3. Cooling towers and various indirect cooling machines blow down
4. Boiler blow down water.

These streams are having different characteristics and mixed into equalization tanks. After this, these are passed through pH correction tanks and flocculation tanks and sent to primary clarifiers where heavy particles and sludge settled down and filtered through filter press and dry sludge is collected.

The liquid from press is sent back to equalization tanks. The supernatant from primary clarifier are fed to aeration tanks to meet the oxygen demand. After aeration it goes to secondary clarifier from where bottoms are collected to sludge beds and supernatant is sent to filter feed tanks. From feed tanks it is sent to PSF & ACF (sand filters and carbon filters) to remove the fine suspended particles, colours and other fine impurity.

Finally the treated water is collected in tanks and kept ready for feeding into the MEE plant.

In MEE plant, the treated water is evaporated through multiple effect evaporation technique and output thus collected is as good as fresh water. The output from MEE is then re-used / recycles for plants as well as for gardening purpose.

- The treated effluent (75 KLD) will be reused/ recycled Total recycled water will be 75 KLD.

Various mitigation measures shall be adopted for water and wastewater management is mentioned below:

- Storm water drainage system shall be developed and shall be maintained preciously to prevent the flow of silt and other contaminant outside of the site
- The entire trade effluent will be divided into two streams i.e. Stream-I (high concentrated streams) and Stream-II (low concentrated stream). Both the streams will be treated in well-designed ETP, and MEE, ATFD system
- Low COD /TDS wastewater (including process effluent, washing, blow downs from cooling towers, boiler, scrubber, Softener regeneration) will be sent to ETP followed MEE, ATFD. Treated water will be reused.
- High COD / TDS wastewater (consisting process effluent & RO reject,) will be sent to ETP followed by MEE/ATFD. Condensate will be reused and bottom salt will be sent to a common TSDF site.
- Utilization of treated wastewater(Steam condensate) in cooling tower, gardening, boiler etc.
- A drain along the boundary wall shall be made, which will be connected proposed settling tank to protect the flow of contaminant towards nearby area
- Recycling of 86.5 KLD (- 60 % of total fresh demand) water is proposed which ultimately reduces the fresh water demand.
- Shailchem will install Multi Effective Evaporator, with treatment capacity of 75 KLD at outlet. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- Storm water drainage system will be developed for unit and shall be maintained preciously to prevent the flow of silt and other contaminant outside of the site.
- Blow downs from cooling towers, boiler, ACF/MGF Cleaning, Softener regeneration, Vacuum pump will go to ETP
- Water harvesting structure need to provide further strength with proper maintenance
- ZERO effluent discharge shall be implemented, and maintained.

Hazardous wastes

S. No.	Sources	Type of pollutants	Waste category as per HW Rules 2016	Annual Generation (After)

01	Processing Plant & Filters	Process Residue & Waste	28.1	175 MT
02	Solvent Refining Unit (Existing)	Distillation Residue	20.3	125 MT
03	From Plants	Used or Spent Oil	5.1	1 MT
04	From Carbon filter	Spent carbon or filter medium	36.2	600 Kg
05	From Plant	Polythene bags, plastic scrap, centrifuge bags	--	2.5 MT
06	From Plants	Empty Barrels,	33.1	100
07	Effluent Treatment Plant	Chemical Sludge from Waste water treatment (ETP & MEE Plant)	35.3	190 MT

After presentation and discussion PP was asked to submit the undertaking for barricading the existing organic solvent refining plant.

- PP commitment that they will made clear-cut retaining wall in between existing plant and proposed API unit.

PP vide letter dated 01.10.2020 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Project of Manufacturing of Drug Intermediates & Key starting material for API by M/S. Shailchem Distillate Pvt. Limited, At Plot No. 139-A, Industrial Area Meghnagar, Distt. Jhabua(MP) under. Cat. 5(f) Synthetic Organic Chemicals Industry (Bulk Drug) Project subject to the following special conditions:

(A) Statutory compliance:

4. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).

5. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
6. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(C) Air quality monitoring and preservation

9. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
10. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
11. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
12. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
13. The DG sets (1 X 500 KVA-Proposed) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
14. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
15. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

(C) Water quality monitoring and preservation

10. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
11. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
12. The High COD/TDS process effluent (55 KLD) and RO Reject will be treated in ETP followed by MEE/ ATFD. The MEE condensates to the tune of 75 KLD will be recycled/ reused and MEE bottom will be sent to TSDF site
13. The Low COD/TDS effluent, [consisting, Process(20 KLD) , Utility blow down (5.5 KLD), washing (6 KLD), will be treated in an on-site ETP system followed with MEE/ATFD.
14. The treated effluent (75 KLD) will be reused/ recycled and the RO reject will be sent MEE/ATFD as stated above. Total recycled water will be 75 KLD
15. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
16. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
17. Total fresh water requirement shall not exceed 93 KLD and AKVN supply shall be used
18. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
19. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
20. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

6. Acoustic enclosure shall be provided to DG (500 KVA) set for controlling the noise pollution.
7. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.

8. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

(E) Energy Conservation measures

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 1300 KVA . The power will be supplied by Madhya Pradesh Electricity Board. Briquette and coal (6.5TPD) will be used in boiler of 2 TPH.

(F) Waste management

16. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
17. As proposed, minimum 95% solvent recovery shall be achieved and recovered solvent shall be reused in the process.
18. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDF, Dhar.
19. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
20. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
21. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
22. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
23. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
24. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.

25. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
26. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
27. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
28. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
29. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
30. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
31. The company shall undertake waste minimization measures as below:
 - g. Metering and control of quantities of active ingredients to minimize waste.
 - h. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - i. Use of automated filling to minimize spillage.
 - j. Use of Close Feed system into batch reactors.
 - k. Venting equipment through vapour recovery system.
 - l. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(G) Green Belt

3. The green belt of 5-10 m width shall be developed 3500 sq. meter within and periphery of plant (200 nos)& in between greenery in downward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
4. 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 200 no of plants & in between greenery in one year's shall be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

(H) Safety, Public hearing and Human health issues

8. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
9. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
10. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
11. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
12. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
13. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
14. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(I) Corporate Environment Responsibility

9. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
10. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
11. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.

12. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
13. The proposed EMP cost is Rs. 501 Lakhs as capital and 18.50 lakhs /year as recurring cost.
14. Under CER activity, Rs. 15 Lakhs as capital costs has proposed for different activities. PP shall complied with the commitment of providing infrastructure facility at school, mobile educational vehicle, covid related activities etc .
15. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
16. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

J. Miscellaneous

5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
7. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
8. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
9. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

53. Case No 7819/2020 M/s Asterisk Chemicals Pvt. Ltd, 68-B, Industrial Area, Maksi, Dist. Shajapur, MP – 465106 Prior Environment Clearance for Manufacturing of Flavor, Fragrances, Antioxidants and Aromatic Compounds (Synthetic Organic Chemicals and Chemical *Intermediates) at Plot No. 68-B, Industrial Area, Maksi, Dist. Shajapur (MP)

This is case of Prior Environment Clearance for Manufacturing of Flavor, Fragrances, Antioxidants and Aromatic Compounds (Synthetic Organic Chemicals and Chemical Intermediates) at Plot No. 68-B, Industrial Area, Maksi, Dist. Shajapur (MP).

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

54. Case No. – 7728/2020 M/s Bansal Ore and Metals Pvt. Ltd, 3rd Floor, Tawa Complex, Bittan Market, E-5, Arera Colony, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Proposed to set-up Melting Shop with Automatic Casting Process Mill into Hot Billets Re-rolling Mill Unit (Total Production Capacity = 300.00 TPD (90000 TPA)) at Industrial Area, Phase-II, Mandideep, Tehsil - Goharganj, Dist. Raisen (MP)

This is case of Environment Clearance for Proposed to set-up Melting Shop with Automatic Casting Process Mill into Hot Billets Re-rolling Mill Unit (Total Production Capacity = 300.00 TPD (90000 TPA)) at Industrial Area, Phase-II, Mandideep, Tehsil - Goharganj, Dist. Raisen (MP).

This is a rolling mill project. All non –toxic secondary metallurgical processing industries manufacturing >5000 tones/annum metal components are covered under the EIA Notification 2006 as amended 2009 and are mentioned at SN 3(a), B. Hence these projects are required to obtain prior EC before establishment. The case was forwarded by SEIAA to SEAC for scoping so as to determine TORs' to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultant in 460th SEAC meeting dated 24/09/2020 and during presentation PP has stated that they have received auto TOR from SEIAA (Parivesh Portal). PP further submitted that the EIA has been prepared by Environmental Consultant M/s Creative Enviro Services, Bhopal in association with M/s. Insitu Enviro Care, Bhopal. The project related following details are as:

S. No	Particulars	Details
1	Name of the project & its location:	M/s Bansal Ore and Metals Private Limited

S. No	Particulars	Details															
		At Plot No.B-3 (B), Adjacent to Bansal Steel Manufacturing Pvt. Ltd. Casting Unit, Industrial Area Phase-II, Mandideep, Tehsil – Goharganj, Dist: Raisen (M.P.)															
2.	Name of the Company, Address Tele No. &E-mail :	M/s Bansal Ore and Metals Private Limited 3rd floor, tawa complex, bitten market, E-5 arera colony, Bhopal-462016 (M.P.) Phone No. +91 8435000277 Email: sunilbansal.bhopal@gmail.com															
3	Latitude and Longitude of the project	<table> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>1</td><td>23° 5'16.54"N</td><td>77°32'51.39"E</td></tr> <tr> <td>2</td><td>23° 5'22.42"N</td><td>77°32'50.92"E</td></tr> <tr> <td>3</td><td>23° 5'22.49"N</td><td>77°32'52.33"E</td></tr> <tr> <td>4</td><td>23° 5'16.60"N</td><td>77°32'52.69"E</td></tr> </table>	Point	Latitude	Longitude	1	23° 5'16.54"N	77°32'51.39"E	2	23° 5'22.42"N	77°32'50.92"E	3	23° 5'22.49"N	77°32'52.33"E	4	23° 5'16.60"N	77°32'52.69"E
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4	23° 5'16.60"N	77°32'52.69"E															
4	If a Joint venture, the names & addresses of the JV partners including their share	Its Private Limited Company Shri Kunal Bansal – Director 3rd floor, tawa complex, bitten market, E-5 arera colony, Bhopal-462016 (M.P.)															
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	It is a new case for environment clearance which is proposing Manufacturing of Ingot/Billet Unit of capacity of 300 TPD (90,000 TPA). The plot area is 10242.0 m ² (1.0242 ha) where 7917.0 m ² is total covered area and 2325.0 m ² of open area for future expansion.															
6	Cost of the project:	Rs. 35.60 Crore															
7	Whether the project is in the Critically Polluted Area (CPA):	No															
8	If the project is for EC under EIA Notification, 2006 a. For the first time appraisal by EAC (i) Date of ToR: (ii) Date of Public Hearing, location (iii) Major issues raised during PH and response of PP b. Second appraisal (i) Date	It's a new case for environment clearance which is planning in notified industrial area.															

S. No	Particulars	Details
	of first /earlier appraisal (ii) Details of the information sought by the EAC with the response of the PP.	
9.	If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.	Not applicable as the project area is the part of notified industrial area.
10	If the project falls within 10 km of eco- sensitive area (i) Name of eco- sensitive area and distance from the project site, (ii) status of clearance from National Board for wild life.	No eco- sensitive area within 10 km from project site.
11	Waste Management (i)Water requirement, source, status of clearance (ii) Waste water quantity, treatment capacity, detail (iii) Recycling/reuse of treated water and disposal (iv) Solid Waste Management (v) Hazardous Waste Management.	Total water requirement for the proposed project will be 60.0 KLD. Water requirement in the plant is for Induction Furnace Cooling, Comcast Cooling, TMT Bar Cooling, Scrubber make-up and domestic purpose. The entire water requirement will be sourced from MP Industrial Development Corporation Limited. About 6.75 KLD of waste water (Sewage generation) will be generated which will be facilitated by MPIDCL. Main solid waste will be generated in form of Furnace Slag of 1800 TPA, which will be used for road laying contractors or cement plant, Used Ramming mass 90 TPA which will be used in brick manufacturing units, Mill Scale 90 TPA which will be reused in melting and Fly Ash 15 TPA which will also be used in brick manufacturing units. The project will be zero discharged waste.
12	Other details (i) Noise Modeling with noise control measures for airports (ii) Details of water bodies, impact on drainage if ant (iii) Details of tree cutting (iv) Energy conservation measures with estimated saving (v) Green belt development (20 % of	No water body exists in the project area, no tree cutting is required. Direct hot billets shall be used for making TMT Bars which avoids the addition Re Heating furnace, which save fuel like FO/Coal. Greenbelt will be developed in 441.0 sqm of the project area. Adequate parking arrangement shall be provided as the 180.0 sqm land is left open.

S. No	Particulars	Details
	construction projects and 33 % for others) (vi) Parking requirement with provision made.	
13	If the project involves foreshore facilities (i) Shoreline study (ii) Dredging details, disposal of dredge material (iii) Reclamation (iv) Cargo handling with dust control measures (v) Oil Spill Contingent Management Plan.	Not applicable
14	If the project involves Marine disposal (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilutions expected, distance at which the outlet will reach ambient parameters 9 (iii) location of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information:	Not Applicable
15	Other information (i) Investment/Cost of the project is ----- (ii) Employment potential ----- (iii) Benefits of the project -----	Investment/Cost of the project is Rs. 35.60 Crores Employment potential 100 Nos direct and 50 Nos indirect employment to 210 (70x3 shifts) Nos of project and revenue / taxes to Govt. in form of excise duties
16	Date of Ground water clearance:	Not obtained, water demand will be fulfilled by MPIDCL.
17	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.	EMP cost is estimated which is Rs. 194.0 Lakhs. As this is an industrial project and about Rs. 5.56 Lakhs must be reserved for spending under CER activities as considering 2% of Rs. 2.78 Crores as Capital Investment.
18	Number of plantations with name of species proposed in area allotted	Greenbelt will be developed in 441.0 sqm of the project area, 71@1600 trees/ha Nos. of Plants and species shall be

S. No	Particulars	Details
	for plantation with budgetary provision.	planted all around the factory area, the budget for plantation will be Rs. 4,00,000/-
19	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	No.

The case was presented by the PP and their consultant wherein PP submitted that this plant is located in the Mandideep Industrial Area and electrically operated furnace is proposed in this case. PP further submitted that they have conducted the monitoring in the winter season. After deliberations committee recommended the Standard TOR as stipulated by the MoEF&CC with inclusion of following additional TOR and as per Annexure “D” to be addressed in the EIA/EMP report may be issued: -

1. Ground-water study w.r.t. to heavy metals concentration to be furnished.
2. Water balance with source of water to be furnished along with the consent/permission for supply of requisite quantum of water from the competent authority.
3. Proposal for “Zero Liquid Discharge”.
4. Mass balance for the solid waste for entire plant to be presented in the EIA report.
5. Photographs of the existing plantation (if any) are to be submitted in the EIA report.

PP has submitted EIA/EMP vide letter no. 7728 dated 26.09.2020 which was forwarded through SEIAA vide letter no. 3416 dated 26/09/2020.

The case was presented by PP and their consultant wherein PP started presentation with background/chronology of the project as –

M/S Bansal Ore and Metals Pvt. Ltd. Company is a newly formed Pvt. Ltd. Company incorporated in the state of M.P. vide Certificate of Incorporation No.U27310MP2018PTC046285 dated 02.08.2018. The company is setting up a new project of Rolling Mills at B-3(B), Industrial Area Phase-II, Mandideep, Distt. Raisen (MP).

- M/S Bansal Ore and Metals Pvt. Ltd. Proposed Rolling Mill Unit of M/S Bansal Ore and Metals Pvt. Ltd. Total Production capacity of TMT Bars = 90,000 TPA at Industrial Area Phase-II, Mandideep, Raisen (M.P.)
- The project area is about 10242.00 Sq. Mt. (1.0242 Hect.).

- The facilities proposed in the project includes two new induction furnaces having melting capacity of 15.0 Ton each in 2 phases.
- The proposed establishment of rolling mill unit is covered under the Schedule 3(a) “Metallurgical Industries” of Environmental Impact Assessment (EIA) Notification 2006 & its further amendments.
- The project is a Category ‘B1’ project according to the notification SO. 1533(E) dated 14th September 2006 and its amendment to till date, which requires preparation of EIA Report and environmental clearance from the Ministry of Environment and Forests & Climate Change (MoEF&CC), Government of India.
- The proposed project will provide employment to about 210 persons in each shift (70 X 3 Shift) directly & indirectly.
- The facilities proposed in the project includes two new induction furnaces having melting capacity of 15.0 Ton each in 2 phases.

The project is Greenfield and proposing production of TMT Bars with capacity of 90000 TPA. During the presentation, proponent was asked to about some quarries and after presentation, the PP was asked to submit following information from the PP:

1. Revised Quantity of Waste & Analysis of Slag.
2. Revised Environment Management Plant Cost.
3. Details of Air Pollution Control Devices.

The vide letter dated 01/10/2020 submitted the reply of the above query. The query reply was presented before the committee which were found satisfactory and acceptable and other details of the projects which were found satisfactory and acceptable hence the case was recommended for grant of prior EC for Proposed Rolling Mill at Plot No. B-3(B), Industrial Area Phase-II, Mandideep, Distt. Raisen (MP) by M/S Bansal Ore and Metals Pvt. Ltd. 3rd floor, tawa complex, bitten market, E-5 arera colony, Bhopal-462016 (M.P.), Category: 3(a) Metallurgical Industries (Ferrous & Non-Ferrous) with subject to the following special conditions:

A. Statutory compliance:

- I. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.

- II. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.
- III. The project proponent shall obtain consent/authorization from MP Pollution Control Board.

B. Air quality monitoring and preservation

- I. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- II. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories
- III. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- IV. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality I fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.

- V. Appropriate Air Pollution Control (APC) system such as Bag filters (reverse pulse jet cleaning) shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- VI. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- VII. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly. All the internal roads shall be made pucca.
- VIII. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- IX. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- X. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- XI. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- XII. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, oil, cellars.

C. Water quality monitoring and preservation

- I. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- II. The project proponent shall submit monthly summary report of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- III. Adhere to 'Zero Liquid Discharge'.

- IV. Sewage Treatment Plant (10KLD) shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- V. The treated water from STP shall be used for gardening and spraying of roads.
- VI. The project proponent shall practice rainwater harvesting to maximum possible extent, rain water therefore can be conserved within the plant.
- VII. Permission of CGWB shall be obtained for drawl of ground water.

D. Noise monitoring and prevention

- I. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- II. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

E. Energy Conservation measures

- I. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- II. Practice hot charging of slabs and billets/blooms as far as possible.
- III. Ensure installation of regenerative type burners on all reheating furnaces.
- IV. Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- V. For this project Electrical Power 2500 KVA shall be meet by Madhya Pradesh Electricity Board (MPEB).
- VI. Provide the project proponent for LED lights in their offices and residential areas.

VII. No DG Set is proposed for this project. So, there is no emission gaseous emission.

F. Waste management

- I. Proposed quantity of 15.0 TPA of Fly Ash will be produced during process which shall be managed through pollution control device and to be dispose as per HW Rules 2016.
- II. Proposed quantity of 1800 TPA Furnace Slag produced during process which shall be managed through installed iron recovery unit from slag and the recovered iron is being used with scrap to charge in induction furnace. The remaining part is being used for civil work & bricks manufacturing after TCLD test and approval from the MP Pollution Control Board.
- III. The waste/spent oil & other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- IV. Used refractories shall be recycled as far as possible.
- V. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces.

G. Green Belt

- I. Green belt shall be developed in **441.0 sqm** area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant with minimum three row plantation towards the road and village side.
- II. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

H. Public hearing and Human health issues

- I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- II. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- III. Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- IV. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

I. Corporate Environment Responsibility

- I. In the proposed EMP, Rs. 136.00 Lakh as capital cost for the project and Rs. 58.10 Lakh /year has proposed as recurring expenses.
- II. Under CER Rs. 5.56 Lakhs/ year proposed for Infrastructure development through Fatehgarh Panchayat, Health Checkup Camps in Fatehgarh including eye camps etc.
- III. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- IV. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or

shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- V. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- VI. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
- VII. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- VIII. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

J. Miscellaneous

- I. For Fire Protection System, fire water pumps of 5 H.P. Capacity shall be provided by PP.
- II. AC motor driven fire water pumps for hydrant, medium velocity water spray system and foam system and Jackey pump 1 no. (AC motor driven) for maintaining pressure shall be provided.
- III. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

- IV. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
- V. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- VI. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- VII. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- VIII. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

55. Case No 7591/2020 M/s Trimbekshwar Agro Industries Pvt. Ltd, Shri Vikas Gupta, Director, Plot No. 27 & 32, AKVN Industrial Area, Meghnagar, Dist. Jhabua, MP - 457779 Prior Environment Clearance for Construction of Manufacturing of Fertilizers Unit of Singh Super Phosphate Plant (Total Production = 300.0 TPD of Powder & Granulated Single Super Phosphate) (Total Area = 9828.56 sqm, Built-up Area of Plant = 3300.00 sqm) at Village - AKVN Industrial Area, Tehsil - Meghnagar, District - Jhabua (MP)

This is case of Environment Clearance for Construction of Manufacturing of Fertilizers Unit of Singh Super Phosphate Plant (Total Production = 300.0 TPD of Powder & Granulated Single Super Phosphate) (Total Area = 9828.56 sqm, Built-up Area of Plant = 3300.00 sqm) at Village - AKVN Industrial Area, Tehsil - Meghnagar, District - Jhabua (MP).

This is fertilizer industry. The case has been submitted to SEIAA for grant of prior EC. PP submitted that the EIA has been prepared by Environmental Consultant M/s Creative Enviro

Services, Bhopal in association with M/s. Insitu Enviro Care, Bhopal. During presentation PP has stated that they have received auto TOR from SEIAA (Parivesh Portal). The process is covered under the provision of EIA notification and covered as item 5 (a). TOR was recommended/approved to the PP to carry out EIA / EMP in 457th SEAC meeting held on dated 18th September 2020.

The EIA submitted by the PP was forwarded to SEAC by SEIAA for appraisal and necessary recommendations. PP and his consultant presented the case before the committee. The submissions and the presentations reveals following:

Proposed Capacity: 300.0 TPD of Powder & Granulated Single Super Phosphate

Sl. No.	Raw Product Name	Capacity
1	Rock Phosphate (RP)	170 TPD
2	Sulphuric Acid	108 TPD

Introduction

The M/s Trimbekshwar Agro Industries Pvt. Ltd., Plot No. 27 & 32, AKVN Industrial Area, meghnagar, District Jhabua, MP-457779. The land of 9828.56 sqm has been allotted by DIC for industrial use only.

Size of project:

The total project cost is estimated to Rs. 493.23 Lakhs.

Technology for SSP

The manufacturing of SSP is a simple process of reacting phosphate rock with diluted Sulphuric Acid in proper proportion and temperature. It is a slow process. In the first half an hour nearly 85 to 90% of reaction takes place but further reaction being very slow is normally completed during next 8 to 10 days. The principle objective in manufacture of SSP is to convert Tri-calcium phosphate to water soluble mono calcium phosphate form.

- Grinding of Rock Phosphate to a desired size so that reaction takes place in totality.
- Careful dilution of Sulphuric Acid from 92% to 70% strength I.
- Mixing of finely ground Rock Phosphate and Diluted Acid in proper proportion and under suitable temperature in the mixer.
- Proper, effective and adequate reaction of acid and rock phosphate in the Den.

- Careful handling of ex-den green material. Its collection and storage in heap foam.
 - Proper curing of SSP for 8 to 10 days with sufficient shuffling and shoveling to provide reaction.
 - Finally packing of cured material, weighment, stitching and dispatch.
- The final product after being fully cured in godown must contain 16% water soluble P_2O_5 nearby 12% Sulphur 21% Calcium 8% of acid.

Drying

- Cake from belt will have to be dried since demand is for cake with less than five per cent moisture. Techno-economic feasibility does not favour heat drying or rotary dryers.

SSP/GSSP and other products Manufacturing

- The BRP is used as raw material for production of the other products, for making fertilizer products standard methods shall be used as reported

Present Environmental Scenario

The monitoring was conducted at eight locations, the Ambient air quality are observed as follows:

Particulars	Range in $\mu\text{g}/\text{m}^3$	
	Winter, 2019-20	June, 2020
PM ₁₀	54.0 to 82.0	55.0 to 64.0
PM _{2.5}	28.0 to 41.0	27.0 to 33.0
SO ₂	6.2 to 10.9	5.9 to 6.3
NO _x	9.8 to 22.0	9.8 to 12.5
NH ₃	8.9 to 16.0	8.1 to 11.1
CO (mg/m^3)	0.32 to 0.65	0.31 to 0.35

Air Environment

Project Activity	Aspect and Probable Impact	Mitigation Measures
Transportation and Movement/operation of machineries	<ul style="list-style-type: none"> • Fugitive Dust Emissions due to vehicle Movement • Exhaust emissions from vehicles and 	<ul style="list-style-type: none"> • Regular water sprinkling will be done to avoid dust generation from transportation. • Trucks used for transportation of construction materials shall be

Project Activity	Aspect and Probable Impact	Mitigation Measures
	equipment deployed during the construction phase is also likely to result in marginal increase in the levels of SO ₂ , NO _x and PM which leads to respiratory ailments like asthma and other dust related problems to the human health.	covered with tarpaulin sheet to avoid dust dispersion at site. • Only PUC vehicle will be used for the transportation of materials and equipment. Construction site will be barricaded with sheet to avoid dust emission due to wind from project site.
Civil Construction Activities	<ul style="list-style-type: none"> • Increase of dust and airborne particulates. • Dust generation during material handling. • Air emission during construction activities. 	<ul style="list-style-type: none"> • Regular water sprinkling will be done to control dust emission. • Personnel Protective Equipment (PPEs) will be provided to the construction workers. Hence there will be no significant impacts on their health due to the dust particle. • Barrier will be provided around the project site
Disposal of Construction Debris and domestic garbage	<ul style="list-style-type: none"> • Construction debris and disposed domestic garbage will create nuisance due to odour generation. 	<ul style="list-style-type: none"> • Separate bins will be provided storing Garbage/wastes and will be disposed off adequately. • Excavated soil and construction debris will be sprinkled with water and kept moist.
Wastewater-sewage disposal	<ul style="list-style-type: none"> • Odour generation due to sewage disposal 	<ul style="list-style-type: none"> • Sanitation facilities shall be provided to construction workers.
Additional Greenbelt Development	<ul style="list-style-type: none"> • Positive impact due to greenbelt development as it will act natural barrier for dust and noise 	<ul style="list-style-type: none"> • Greenbelt will be developed.

Project Activity	Aspect and Probable Impact	Mitigation Measures
	emission.	

Water Environment:

Project Activity	Aspect and Probable Impact	Mitigation Measures
Civil Construction Activities	<ul style="list-style-type: none">• Decrease the ground water level due to consumption of water	<ul style="list-style-type: none">• The water will be sourced through MPIDC Water Supply and hence potential impact on groundwater resources is not envisaged as No ground water will be abstracted for construction purpose.
Storage and Handling of Construction material	<ul style="list-style-type: none">• Run-off from Storage Areas of Construction Material	<ul style="list-style-type: none">• Construction activities will be stopped during rainy months.• Proper storm water drainage system is available.
Waste/Sewage disposal	<ul style="list-style-type: none">• Untreated sewage from construction area may have negative impact.	<ul style="list-style-type: none">• Proper Sanitation facilities will be revised to construction workers.

Impact During Construction Phase

Required water shall be fulfilled by MPIDC during the construction phase and waste water will be facilitated by MPIDC. If the waste water is discharged without prior treatment, it might leads to contamination of ground water.

Impact during Operation phase

Total water requirement for the project during its full-fledged operation phase is estimated to be 30.0KLD water which will be met from MPIDC. The fresh water requirement for the proposed project will be used for dilution of Sulphuric Acid, absorption of Hydro Fluoro Silicic Acid in scrubber, domestic and for plantation purpose. Silica Sludge will be generated as a solid waste i.e. 0.50TPD will be generated of solid waste. Domestic waste like used

paper, label, cartoons will be disposed to the scrap buyers. Hazardous waste from process shall be disposed as per CPCB/SPCB Norms and HW Rules.

Each bag holding hazardous waste shall be marked “Hazardous Waste”.

Land environment

Project Activity	Aspect and Probable Impact	Mitigation Measures
Greenbelt Development	<ul style="list-style-type: none">• Positive change in LU/LC by conservation of land resource due to greenbelt development, additionally also provides scenic beauty to land cover. Additional natural green scenic beauty and aesthetic conditions will be created.	<ul style="list-style-type: none">• Regular maintenance of greenbelt will be done.

Mode of Transportation

The mode of transportation of raw material and finished product will be roads. The source of raw material is indigenously available within 200 km. the transportation route will through SH -18.

Greenbelt development:

An extent of about 3276.0 sqm of total land area in the plant premises is proposed for greenbelt Development. The species selected for greenbelt development shall fulfill the following specific requirements of the area:

- Tolerate to specific conditions.
- Shall have rapid growth rate.
- They shall rich canopy and shielding property.
- Large bio-mass and leaves to provide fodder and fuel.
- As for as possible shall be native in nature.

Source of Water

- The source of water will be met from MPIDC, as reported.
- Water consumption
- Water consumption for the project is as follows:
 - Construction Phase – 12 KLD
 - Operational phase – 30 KLD
 - Domestic phase – 10 KLD
- Source – MPIDC

CER Activity-As per *MoEF&CC OM dated 1st May 2018*, 1% of the project cost is to be spent on CER (Corporate Environment Responsibility) activities for Brown-field projects having project <100.0 crores. As such for the proposed project, an amount of **Rs. 04.93** Lakhs must be reserved for spending under CER activities.

Corporate Environment Responsibility (CER) Budget Allocation as per OM F.No.22-65/2017-IA.III dated 1st May 2018 by MoEF&CC		
CER activities as per notifications		Proposed Budget for CER
Infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, electrification including solar power, solid waste management facilities, avenue plantation etc.	Implementation area	Project Capital Investment = 493.23 Lakhs
	Schools & Colleges of city and adjacent villages.	CER Budget @1% of project capital investment = 04.93 Lakhs.

The case was presented by PP and their consultant. After the presentation, PP was asked to about some quarries and After presentation, the PP was asked to submit following information from the PP:

1. Process Analysis Details
2. Method of Treatment, utilization and Disposal of Effluent
3. Identification of Risk & Hazards and Its Mitigation Measure

PP vide their letter dated 012.10.20 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. Hence the case was recommended for grant of prior EC for Construction of Manufacturing of Fertilizers Unit of Singh Super Phosphate Plant (Total Production = 300.0 TPD of Powder & Granulated Single Super Phosphate) (Total Area = 9828.56 sqm, Built-up Area of Plant = 3300.00 sqm) at Village - AKVN Industrial Area, Tehsil - Meghnagar, District - Jhabua (MP), subject to the following special conditions:

1. All tailing collection ponds shall have HDPE lining with appropriate peizometerc holes & leachate collection arrangements. All the components ofthis system should be well within approach for smooth monitoring.
2. Alkali scrubbing shall be carried out for scrubbing the fluorine.
3. Continuous Emission Monitoring System shall be installed with inter-locking system such that in case of any failure when emissions are beyond the thresh-hold limits the complete operation of the plant trips down automatically.
4. 'Zero liquid discharge' condition shall be maintained.
5. Explore the possibility to reduce the curing period through temperature & moisture control.
6. Boilers shall be fitted with bag-filters and other effective APC system in view of the proposed fuel (bio-fuel).

DISCUSSION BASED ON QUERY REPLY SUBMITTED BY PP.

- 56. Case No. - 6285/2019 Executive Engineer, M/s Indore Development Authority, 7, Race Course Road, Dist.- Indore, (M.P.) - 452003. Prior Environment Clearance for Proposed Construction of Multi Storied Residential cum Commercial Building Project (Total Plot area: 8588.0 m3, Total Proposed Built-up area: 29,214.0 sqm) at Plot No. CMR-5, Scheme No. 136, Niranjapur, Dist. - Indore, (M.P.) Cat. 8 (a) Building Construction Projects. SIA/MP/NCP/24942/18. Env. Con. – In Situ Enviro Care, Bhopal (M.P.). Env. Con. – In Situ Enviro Care, Bhopal (MP.).**

This is case of Prior Environment Clearance for approval of "Multi Storied Residential Cum Commercial Building Project" Total plot area 8588.0 sqm (Built up area 29214.0sqm, at Plot No. CMR-5, Scheme No. 136 at Niranjapur, Indore (MP)Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

The case was presented by project proponent and their consultant in the SEAC 382nd meeting held on 9th July 2019 and has recommended the proposal for TOR (Terms of Reference). Wherein ToR (for Violation) was recommended.

After deliberation, Committee considering the recent GoI, MoEF& CC Notification dated 8th March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

PP has submitted the EIA report to SEIAA vide no. 2552 dated 20.07.2020 which was forwarded by the SEIAA vide letter no. 2135/SEIAA/2020 dated 14/08/2020.

EIA was presented by PP and their consultant in 453rd SEAC Meeting dated 28.08.2020. During presentation PP submits the following salient features of this project:

SALIENT FEATURES OF PROJECT

S. No.	Items	Details
1	Type of Building	Residential Cum Commercial
2	Total plot area	8588.0 m ²
3	Total Built-up Area	29214.0 m ²
4	Area Statement	
	S. No.	Slab Area
	1	Basement Roof, ugt, comm pl
	2	Stilt (resi+ com)
	3	F. Roof (resi+ com)
	4	S. Roof (resi+ com)
		Area Sqm
		4458.0
		2828.0
		3004.0
		2303.0

S. No.	Items	Details
	5 T. Roof Resi.	15638.0
	6 Mumty+LMR+OHT	388.0
	Sub-total	28619.0
	1 Community	308.0
	2 Security	38.0
	3 Swim-pool	114.0
	4 STP	135.0
	Sub-total	595.0
	Total	29214.0
5	Landscape	736.0m ²
Present Built-up Area Status of the Proposed Project		
1	Total Proposed Built-up Area	29214.0 m ² (100%)
2	Till Date Constructed Area	24832.0 m ² (85%)
3	Construction to be done	4382.0 m ² (15%)

PARKING DETAILS

Required Parking
The project will have facilities for basement and stilt parking. Parking facilities shall be provided for 216 ECS where 180 nos for 2BHK flats and 36 for 3BHK flats. Also parking facility for two wheelers shall be provided. Sufficient parking place are provided in cellars. About 6692.0 m ² parking area will be provided.

WATER DEMAND

Sl. No.	Description	Round-Off
1	Total Domestic Water Requirement	104.0 KLD

Sl. No.	Description	Round-Off
2	Total Flushing Water Requirement	52.0 KLD
Total Water Requirement		156.0 KLD
3	Flow to Sewer	125.0 KLD
4	STP Capacity	125.0 KLD
Re-use of Treated Waste Water from STP		Approx. 112.0 KLD from STP
5	Flushing Water Requirement	52.0 KLD
6	Gardening and Landscape (970.0 sqm)@6 L/sqm	6.0 KLD
Total STP Water Re-use for Project		58.0 KLD
7	Excess STP Treated Water drained to External Sewage Drain	54.0 KLD

52 KLD will be the total wastewater generated, which will be treated in the MBBR based STP. A 125.0 KLD capacity of STP has already been installed within the project premises. Only 58.0 KLD Treated water from STP will be re-used for the proposed project. Excess STP Treated water will be drained to external sewage drain.

RAINWATER HARVESTING

S. No.	Description	Area Considered in m ²	Rainfall Intensity (m/hr)	Runoff Coefficient	Total volume of water for RWH (m ³ /hr)
Water Sources Development-Rainwater Harvesting (Pre-construction)					
1	Green Areas (Total Plot Area)	8588	0.025	0.2	42.94
Water Sources Development-Rainwater Harvesting (Post-construction)					
1	Plinth Area	2569.00	0.025	0.85	54.59
2	Green Area	736.00	0.025	0.2	3.68
3	Soft Surface Area	517.00	0.025	0.2	2.59

4	Open and Road Area	4766.00	0.025	0.6	71.49
Total					132.35
Say					136.0

Total ground water recharge would be 136.0 m³/hour. Proposed recharge potential to be created by the project would improve ground water regime of the area and would contribute to positive groundwater environment. We have proposed 2 No. of RWH pits of 1.5 m radius with 2.0 m depth which are proposed for artificial ground water recharge from common areas of the scheme.

SOLID WASTE GENERATION

Facilities Provided	Waste Generation Norms		Basis of Assumption	Unit		Total Waste Generated (TPD)
Residential	0.4	Kg/capita/day	CPCB	1249	Persons	0.4996
Garden & Open Space	0.003	Kg/Sq m/day	Discussion with Horticulturist	736	Sq.m	0.002208
STP Sludge	0.33	Kg/MLD of wastewater treated	Manual for Sewerage and sewage treatment by CPHEEO	0.135	MLD	0.00004455
Waste Oil	100	Litres/MW/year	Assuming one maintenance per year	1.24	MW	124
Total Waste Generated (TPD)						0.50185
Total Biodegradable 55 % of total (TPD)						0.27602
Total Non-Biodegradable 45 % of total (TPD)						0.22583

POWER DEMAND

Parameters	Proposed Phase
Power requirement	1890 KVA (1512 KW)
Source	Madhya Pradesh State Electricity Board
Back-up power supply	1 No. of 315 KVA D.G set will be used for back-up power supply in case of power failure.

ENERGY CONSERVATION MEASURES

The Energy Efficient Features are as below:

- Maximum utilization of natural light
- CFL/LED in the common areas
- Use of solar lights in open areas and landscaped area with 20% dual lighting system.
- All openings are shaded to reduce heat loss
- U-values of roof, external wall and fenestration will meet requirements as specified in the Energy Conservation Building Code (ECBC)
- The water supply pumping system will be provided with variable speed drive to conserve energy at part load.
- Compliance for Window glazing U-values if window to wall ratio is more than 30%
- Use of BEE 4-star rated, or equivalent appliances will be prompted

ESTIMATED POPULATION DENSITY

As the proposed project has already been developed or constructed. About 85% of project is already developed and are already in operational condition for resident. The project area is developed area, which is surrounded by individual residential units, apartments, commercial establishments. The area has social infrastructure amenities like education and health centers. The demography of the area will change as it will involve about 1239 after full occupancy.

SATUTORY COMPLIANCES

ACT	COMPLIANCE
Water (Prevention and Control of Pollution) Act 1974	<p>52 KLD will be the total wastewater generated, which will be treated in the MBBR based STP. A 125.0 KLD capacity of STP has already been installed within the project premises. Only 58.0 KLD Treated water from STP will be re-used for the proposed project. Excess STP Treated water will be drained to external sewage drain.</p> <p>Total ground water recharge would be 136.0 m³/hour. Proposed recharge potential to be created by the project would improve ground water regime of the area and would contribute to positive groundwater environment. We have proposed 2 No. of RWH pits of 1.5 x 2.0 cum each recharge capacity.</p> <p>Following measures will be taken for water conservation and to avoid any pollution.</p> <p>Use of water efficient plumbing fixtures (low flow sinks, water efficient dishwashers and washing machines). Water efficient plumbing fixtures use less water with no marked reduction in quality and service.</p> <p>Leak detection and repair techniques.</p> <p>Sweep with a broom and pan where possible, rather than hose down for external areas.</p> <p>Meter water usage; Implies measurement and verification methods.</p> <p>Monitoring of water usage is a precursor for management.</p> <p>Plants with similar water requirements shall be grouped on common zones to match precipitation heads</p>

ACT	COMPLIANCE
	<p>and emitters.</p> <p>Use of flow-angle sprinklers for lawn areas.</p> <p>Select controllers with adjustable watering schedules and moisture sensors to account for seasonal variations and calibrate them during commissioning.</p> <p>Place 3 to 5 inches mulch on planting beds to minimize evaporation.</p>
<p>Air (Prevention and Control of Pollution) Act 1981</p>	<p>Emission Control from Construction Equipment: Construction equipment and heavy transport vehicles shall meet emission standards like Bharat Stage –III/Stage-IV requirements for vehicles. The operation and maintenance of all vehicles, equipment deployed on site by different contractors would be regulated and effectively monitored. The Pollution under Control (PUC) certification will be ensured for proper O&M of vehicles.</p> <p>Improved Maintenance: The other measures to reduce the air pollution on site are:</p> <p>On-Road- Inspection should be done for black smoke generating machinery.</p> <p>Promotion of use of cleaner fuel would be done.</p> <p>Vehicles having pollution under control certificate would be allowed to ply.</p> <p>Use of covering sheet to prevent dust dispersion at buildings and infrastructure sites, which are being constructed.</p> <p>Use of covering sheets should be done for trucks to prevent dust dispersion from the trucks, implemented by district offices.</p> <p>Reducing the speed of a vehicle to 20 kmph can reduce emissions by a large extent.</p> <p>Speed bumps would commonly be used to ensure speed reduction.</p> <p>During the operational phase, two major categories of air pollution sources are under focus; the rise in vehicular activity within the project site and diesel generator sets to be operated for back-up power supply would also be important source of air pollution. However, 1 No. of 315.0 KVADG set will be used for back-up power supply in case of power failure as a power backup which is consider for identification of impact prediction during operation of project.</p> <p>In worst-case scenario, the first highest/prediction ground level concentration (GLC) values of PM, SO₂, NO_x & CO are 0.15674 µg/m³, 0.00215 µg/m³, 4.7692 µg/m³ & 0.00186 mg/m³ due to operation of DG set at proposed project, as prescribed by ISCST3 model which all are well within the prescribed limit as standardized by CPCB. All values of the parameters for the project will be limited after a distance. No adverse impact will be done during operation of DG set for the project.</p>
<p>Forest Conservation Act 1980, Wildlife Protection Act,</p>	<p>Ralamandal Wildlife Sanctuary is 14.0 km away in SSE direction from the project site. But the project is not affected to the part due to project site is the part of Indore City. So, no impact is anticipated on the same.</p> <p>However, it is proposed to develop extensive green areas in the project site to improve the aesthetics of the area which will also help in reduction of air pollution, noise pollution and provide suitable habitat for</p>

ACT	COMPLIANCE
1972	local birds and animal species. Selection of the plant species would be done based on their adaptability to the existing geographical conditions and the vegetation composition of the forest type of the region earlier found currently observed.
Environment Protection Act 1986, Environment Protection Rules 1989.	<p>To work with dedication for complete customer satisfaction by following the scientific methods of Building & Construction for minimal environment degradation and following all the safety procedures & industry standards. To review all the policies as per the amendments issued by Authorities. This policy shall be communicated to all the residents and staff.</p> <p>A Policy will be complied by following objectives:</p> <ul style="list-style-type: none"> Establish and maintain a well-defined environmental, health and safety management to guide its operations. Ensure that all residents and staff understand and adhere to its environmental related management program. Provide operations with the necessary resources, expertise, and training to effectively carry out its EHS management programs. Provide regular basis training program to the staff working on project site. Engage workers and other staff at all levels in programs directed towards minimizing adverse effects on the environment resulting from construction activity. Work proactively with governments and the public in the development of cost effective and realistic regulations that promote enhanced environment and safety protection. Promote environmental awareness among its residents and staff& their families and the communities in which it operates. Require those who provide services and products to practice good environmental stewardship. Organize regular health check-up camp on project site for workers or nearby residents. Mitigate environmental impacts through efficient use of resources and the reduction of input materials and waste. Maintain a high degree of emergency preparedness on site.
Noise Pollution (Prevention & Control) Rules 2000	<p>During operational phase, the following source of noise pollution is expected:</p> <ul style="list-style-type: none"> Increase in transportation noise within the project site. Working of DG sets. The railway line is passing nearby to the proposed site which may generate some noise, to prevent it, enclosure will be installed to the suitable locations. <p>To mitigate the impacts of noise from diesel generator set during operational phase, the following measures are recommended.</p> <p>DG set will be housed in a suitable acoustic enclosure so that noise level at 1 m does not exceed 25 dB(A) as per CPCB standards or is meeting the local standard (whichever is higher).</p>

ACT	COMPLIANCE
	<p>It will be ensured that the manufacturer provided acoustic enclosure as an integral part along with the diesel generator set. Further, enclosure of the services area with 4 m high wall will reduce noise levels and ensure that noise is at a permissible limit for residents and staff of the project and surrounding receptors.</p> <p>Proposed landscaping will also act as an effective means to control noise pollution.</p> <p>Honking will be discouraged.</p> <p>Properly designed internal road network will facilitate in free flow of traffic movement.</p>
Hazardous Waste Rule, 1989	The solid waste generated from the project shall be mainly domestic waste and estimated quantity of the waste shall be 0.50185Tone/day.It will be handed over to government approved vendors. Solid Waste disposal permission has been granted by Office of Municipal Corporation, Bhopal.
Solid Waste Management Rules, 2016	<p>Wastes which are likely to be generated in project will be mainly domestic in nature. Other wastes like construction waste; Municipal Solid Waste; Hazardous Waste, Plastic Waste and E-waste generated at the proposed project during development and operation phases will be collected from designated locations, segregated, transported, and disposed as per the applicable rules:</p> <p>Construction and Demolition Waste Management Rules; 2016</p> <p>Solid Waste Management Rules, 2016</p> <p>Plastic Waste Management Rules, 2016</p> <p>Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016</p>

After presentation and deliberation, it was observed by the committee and raised queries related to the project and its details. PP was submitted the point-wise reply of all the quarries on 25.09.2020 to SEIAA, Bhopal.

PP resubmitted remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation in the tune of suggested guidelines by the committee, with the supported by documentary proofs, such as bills, CA audit, certificates, photographs, prescribed various undertakings and CER.

CORPORATE ENVIRONMENT RESPONSIBILITY

Corporate Environment Responsibility (CER) Budget Allocation as per OM F.No.22-65/2017-IA.III dated 1st May 2018 by MoEF&CC		
CER activities as per notifications	Implementation area	Proposed Budget for CER
Infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, electrification including solar power, solid waste	Schools & Colleges of city and adjacent villages.	We have proposed 2% of the project cost (INR 5942.00 Lakhs) which is approx. 119.8 Lakhs.

management facilities, avenue plantation etc.		
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REMEDIATION & NATURAL AUGMENTATION PLAN

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
1	Land use as per Approved Master Plan by T&CP, Indore	At the time of development, the land use was categorized as Residential Use as per T&CP. Project area has been developed as per approved Master Plan by T&CP in 2017. (Attached Letter No.9605/Nagrani/2017 dated 03.11.2017) Annexure-1	-	-	-	-	-
		NO Violation					
2	Environmental Sensitive Places, Land Acquisition Status, Resettlement & rehabilitation	Ralamandal Wildlife Sanctuary is about 14.0 km from the project site. Land is in possession of IDA, Indore. (Annexure-2 is enclosed as land documents in favor of project proponent.)	-	-	Land is in possession of IDA, Indore.	-	-
		No R & R Applicable			No R & R Applicable		
		NO Violation					
3	Baseline Environmental	All the parameters are in the comfort zone in	1,50,000.00	--	-	-	30,000.00

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
	Quality	one season EIA study					
		Monitoring data from 2014-19 is pending					
4	A) Land	Land is in possession of IDA, Indore & technology as per enclosed land revenue record	-	-	Land is in possession of IDA, Indore & technology as per enclosed land revenue record	-	-
	B) Ground Water	No ground bore well is done NO VIOLATION			Not applicable, till date no bore well for ground water tapping is proposed.		
	C) Surface water	Not applicable, No Water body exist within the project lease area			Not applicable		
	D) Air	Water sprinkling is done as per terms & condition of the work order agreements (water tankers) enclosed with bill & Barricading is on site done and exist, enclosed	-	-	Water sprinklers will be arranged for dust suppression (1 water tractor /day)	54,000.00	5,000.00

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
		photographs.					
	E) Biodiversity	Not Applicable			Not Applicable		
	f) Noise & Vibration	Site is fully barricaded All modern and new machinery was used on site.) Not Applicable			All machines and new machinery will be used on site		
	g) Socio economy & Health	-	-	-	-	-	-
	g.(a) Occupational Health checkup for 100 Workers	Initial Medical Examination (IME) for 100 workers	2,50,000.00	0	Initial Medical Examination (IME) for 100 workers deployed on Site.	0	50,000.00
		Deployed on site.			(500 Rs/workers) for a year.		
		(@500 Rs/workers X 5 years)					
	g.(b) Personal Protection Equipment's	Helmet has been Provided to the workers, enclosed Bill receipt as 100X 1200X 5	1,20,000.00	0	Helmet, Jackets, hand gloves & Boots will be Provide to 100 Workers	1,20,000.00	12,000.00

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
	g. (C) Shelter and Sanitation for 100 workers	Temporary shelter & Mobile toilet has been provided to the workers	50,000.00	-	Provision of Temporary shelter & Mobile toilet will be extended in numbers during the time of construction for 100 workers	0	-
5	Contour Plan With slopes, Drainages pattern of the site and surrounding area any obstruction of the same by the projects.	No conversation is done in storm water drainage pattern on site	-	-	--	0	0
		NOT APPLICABLE					
6	Tree Felling	--	-	-	No Further tree falling is proposed.	-	-
	Tree plantation	Total 1450 trees with shrubs planted & development of landscaping area (in five years)	-	-	landscaping development	22,50,000.00	2,00,000.00
7	Permission for forest Land	NOT APPLICABLE	-	-	NOT APPLICABLE	-	-

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
8	Environment policy	Policy is part of Terms & Condition of mutual Agreement	-	-	Terms & Condition of the departmental policy in part of Work Order awarded to Contractor by the PP	-	-
9	Ground Water Classification	NOT APPLICABLE	-	-	NOT APPLICABLE	-	Applied
10	Source of water, Water Requirement, use of treated waste Water	Water demand fulfill by the daily basis tankers.	-	-	Source of Waste Water is from Municipal Corporation.	53,80,000.00	4,50,000.00
		<i>A 125.0 KLD capacity of STP has already been installed within the project premises. Only 58.0 KLD Treated water from STP will be re-used for the proposed project. Excess STP Treated water will be drained to external sewage drain.</i>			<i>A 125.0 KLD capacity of STP has already been installed within the project premises. Only 58.0 KLD Treated water from STP will be re-used for the proposed project. Excess STP Treated water</i>		

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
					<i>will be drained to external sewage drain.</i>		
11	Rain Water Harvesting	2 Nos. Rain water harvesting pits have been constructed for the construction of project.	1,00,000.00		Total 2 nos. of pits are proposed on site for operation phase	4,00,000.00	1,00,000.00
12	Soil Characteristics & Ground Water Table	Soil Characteristics are as per baseline environmental data	--	--	10m depth of rain water harvesting pits have been proposed,	As per above	As per above
	Top Soil Conservation	Quality of top soil &			Quality of top soil & costing of its disposal		
		Costing of its disposal.					
13	Solid Waste Generation Treatment	Currently stacked within the premises will be revised in proposed boundary wall, stone pitching & retaining walls on site	1,68,000.00	0	Solid Waste will be revised in proposed boundary wall & stone pitching to reduce RCC work on site	--	16,800.00
		Permission for	--	--	Street garbage	--	--

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
		Disposal of Solid waste from IMC obtained from 2018			shall be controlled segregated transferred, and disposed oil by Nagar Nigam Indore.		
14	Energy conservation & Energy Efficiency (LED bulb & Solar System)	Solar light proposed upto 15 KW.	15,00,000.00	--	Provisional of the solar panels for streets lighting & common areas and LED light for commercial unit. About 15 KW of solar plant has been installed within the project premises.	--	50,000.00
15	D G Sets	Till date RMC has been used for construction.	-	-	About 11 KV of power load is available with project area.	--	72,000.00
16			-	-	Total Parking Area = 6692.0 Sq.mt. and	--	--
	Parking & Roads	Approach road					

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
		already exists sufficient space excises for Parking					
17	Transportation of materials for construction	Till date on 85% construction have been done.	50,000.00	-	Storage hall/service yard will be for materials stacking during further 15% construction.	--	--
17	Disaster Management Plan	-	-	-	Centralized control room with ERP system	--	--
	a) Fire	Machines were equipped with their fire extinguishing equipments. Till date on 85% construction have been done	-	-	Firefighting organizing and arrangement: External fire hydrant system, hose pipes, pumps with control panel, overhead tanks, first aid, fire extinguishers, sand buckets, Manual and automatic fire	67,41,000.00	1,34,820.00

S. No.	Environmental	Remedial Plan/	Remedial Cost		Environmental Management Plan	EMP Cost	
	Factors/Attributes	Augmentation Plan	Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)
					alarm, main security room etc.		
	b) Accidental & First aid etc.	First aid kit & room provided on site, enclosed photos	-	-	First aid kit for worker's safety on site		
		No accident or injury is reported during the earlier construction period.					
	c) Safety	All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.	-	-	All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.		
Total Capital cost for Remedial Plan			23,88,000	--		1,49,45,000.00	11,20,620.00
Total Capital cost for Remedial Plan			Say	23.88 Lacs	Total capital cost for EMP	Say	149.45 Lacs.
					Total Recurring Cost for EMP	Say	11.2062 Lacs.

Thus, as above, PP has proposed Rs. 1,73,33,000.0/- (Rs. 23,88,000/- as Remediation Cost and Rs. 1,49,45,000/- as EMP) for this project and PP, M/s Indore Development Authority, 7, Race Course Road, District-Indore (M.P.)-452003 has proposed to submit bank guarantee of INR Rs. 23,88,000/- towards Remediation Plan.

Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs.23,88,000/- (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

Thus, as above, PP has proposed Rs. 1,73,33,000.0/- (Rs. 23,88,000/- as Remediation Cost and Rs. 1,49,45,000/- as EMP) for this project and PP, M/s Indore Development Authority, 7, Race Course Road, District-Indore (M.P.)-452003 has proposed to submit bank guarantee of INR Rs. 23,88,000/- towards Remediation Plan.

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The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommended the case for grant of Environment Clearance for the construction of "Multi Storied Residential Cum Commercial Building Project" Total plot area 8588.0 sqm (Built up area 29214.0 sqm, at Plot No. CMR-5, Scheme No. 136 at Niranjanpur, Indore (MP)Category: 8(a) Building & Construction Project, subject to the following special conditions and submission of bank guarantee (BG) with 03 years validity of Rs. 23.88 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution Control Board, with following additional conditions:

1. Statutory Compliance

- I. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

- II. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- III. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- IV. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- V. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- VI. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- VII. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- VIII. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

2. Water Quality Monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 156 KLD out of which 104 KLD is fresh water requirement and 125 KLD will be the total treated/recycled water generated. 58KLD treated water will be used for flushing and for horticulture.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.

- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 02 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 136.0 m³/hr. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. All recharge should be limited to shallow aquifer.
- xv. No ground water shall be used during construction phase of the project.
- xvi. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.

- xvii. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring report.
- xviii. Sewage shall be treated in the STP based on SBR based technology (Capacity –125.0KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xix. The waste water generated from the project shall be treated in STP of 450 KLD capacity (based on VORTEX based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xx. No sewage or untreated effluent water would be discharged through storm water drains.
- xxi. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

3. Noise Monitoring and preservation

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

4. Energy Conservation Measures

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv. Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

5. Waste Management

- i. Total waste 0.50185Tone/day, this consist all types of wastes, Residential waste- 0.4996 Tone/day, horticulture waste 0.0022Tone/day and these all type of waste shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste 0.50185 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.

- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmentally friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

6. Green Cover

- i. No tree cutting is proposed in the project vicinity as project site is free from any vegetation but about 736.0 m² area will be kept for landscaping.
- ii. No tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. 6896sq meters of area shall be provided for green belt development as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.
- vi. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.

7. Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be

designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.

- a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
- b. Traffic calming measures.
- c. Proper design of entry and exit points
- d. Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. The project will have facilities for basement and stilt parking. Parking facilities shall be provided for 216 ECS where 180 nos for 2BHK flats and 36 for 3BHK flats. Also parking facility for two wheelers shall be provided. Sufficient parking place are provided in cellars. About 6692.0 m² parking area will be provided.
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

8. Human Health Issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

9. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
- v. Thus, as above, PP has proposed Rs. 1,73,33,000.0/- (Rs. 23,88,000 /- as Remediation Cost and Rs. 1,49,45,000/- as EMP) for this project and PP, M/s Indore Development Authority, 7, Race Course Road, District-Indore (M.P.)-452003 has proposed to submit bank guarantee of INR Rs. 23,88,000/- towards Remediation Plan.
- vi. The PP M/s Indore Development Authority, 7, Race Course Road, District-Indore (M.P.)-452003 has proposed to submit bank guarantee of INR 23,88,000.00 towards Remediation Plan and Natural & Community Resource Augmentation Plan.
- vii. For this project PP has proposed Rs 119.8 Lakhs as Corporate Environment Responsibility (CER).

10. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.

- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC).
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

(Dr. Anil Sharma)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. Sonal Mehta)
Member

(Dr. R. Maheshwari)
Member

(Dr. Jai Prakash Shukla)
Member

(A.A. Mishra)
Secretary

(Dr. Rubina Chaudhary)
Member

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

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

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. 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 dated 16/01/2020.
23. 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".

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.

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. 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.
17. 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.
18. 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.
19. 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.
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".

Annexure- 'C'

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.

15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and 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 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".

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 analysed.
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. 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 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" with EIA report.

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.

29. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
30. Detailed analysis of availability and quality of the drinking water resources available in the block.
31. 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.
32. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.