

The 487<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 03<sup>rd</sup> March, 2021 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.

**Policy Decision:**

It was brought to the notice of committee that at present TOR's are issued by SEAC after the approval of SEIAA. However, as per recent OM of MoEF&CC issued vide F. NO. 22-37/2018-IA.III dated 23/02/21, the TOR's as well as EC's are to be processed through "PARIVESH" by SEIAA from 01/03/21 onwards. Thus committee after deliberations decided that the entire files where TOR is recommended by SEAC shall now be sent to SEIAA for onward necessary action and issuance of TOR through "PARIVESH" alongwith the case files of other cases where EC is recommended.

1. **Case No 7454/2020 M/s Sainik Industries Pvt. Ltd, Authorized Person, Shri Litesh Jha, Flat No. 201, 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalakaji, New Delhi – 110091 Prior Environment Clearance for Sand Quarry in an area of 8.0 ha. (60000 cum per annum) (Khasra No. 1667), Village - Pondi, Tehsil - Bahari, Dist. Sidhi (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1667), Village - Pondi, Tehsil - Bahari, Dist. Sidhi (MP) 8.0 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. 528 dated: 14/07/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 22.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 452<sup>th</sup> SEAC meeting dated 27/08/2020 wherein ToR was recommended. PP has submitted the EIA report vide letter dated

25/02/2021 which was forwarded through SEIAA vide letter no. 6935 dated 01/03/2021, which was placed before the committee. PP and their consultant presented the EIA before the committees, PP stated following points -:

- The mine lease of river sand mine on Gopad River is spread over an area of 8.00 ha in Village –Pondi, Tehsil- Bahari, Dist- Sidhi, State - Madhya Pradesh.
- The Letter of intent for the lease has been granted to Project Proponent M/s Sainik Industries Pvt. Ltd. by the Madhya Pradesh State Mining Corporation Limited, Bhopal vide letter no. 443A/20219-20, as per the provisions of M.P. State Sand Mining Policy – 2019.
- Mine Plan and Replenishment Study Plan has been approved by Director DGM, Bhopal, Madhya Pradesh vide letter no. 967/MP/NK/2020 for a production capacity of 60,000 m<sup>3</sup> per year.
- Cluster Certificate and NOC from Forest Department has been obtained for site vide letter no 528/Khanij/2020 dated 14.07.2020
- ToR Letter has been issued by SEAC, Bhopal (M.P.) vide letter No. 558/PS-MS/MPPCB/SEAC/TOR (452)/2020 Bhopal, Dated 06/10/2020.
- Public Hearing has been conducted on dated 27/01/2021 near project area
- Opencast Semi mechanized method for mining by scrapping in 3.0 m layers and loading on trucks/dumper will be adopted. No drilling & blasting is needed as the project is for sand mining.
- The mine site is a non-agricultural government land. The minerals will be transported to specific destination through tarpaulin covered trucks/dumpers by the purchaser.
- Evacuation will be 1.2250m long & 6.0 m width road which connect to village road and further connected to SH.

### **Replenishment Capacity- Gopad River**

- Gopad River which originates from Sohat Plateau of Chattisgarh state. Gopad River is major tributary of Sone River. Sone River finally flows into Ganga River.
- River course is around 242 km approx from the origin to the Sone River. Distance from origin to mine site is around 192 km.
- Gradient of river is High i.e. highest elevation 710 m at origin place of river and while lowest is about 250 m above MSL at QL area, approx. 460m elevation difference. The upstream catchment area is around 4391 sq.km.
- Gopad flood plain region's annual precipitation is about 1000 mm to 1100 mm and a big factor that engineers sand transportation from its origin to sand mining area.
- Hence it is concluded that the annual production capacity which will be excavated at the QL area will be replenished easily\*.
- (\*QL Area = 8.0 ha. Required quantity of sand is available at the QL area. The annual production capacity is 60,000 m<sup>3</sup> which will be easily replenished).
- Dandy Bolton Formula has category stated use of the equation to predict sediment yield for a specific location would not be always correct because of the wide

variability caused by local factors not considered in the equation development. Actual sediment yield from individual drainage basins may vary 10-fold or even 100-fold computed yields. On the basis of Dandy Bolton formula with 50 fold the Sediment Yield is 6263709 M. tons/Year.

- The Annual Replenished Sand in Gopad River is 3914818cum.
- Hence it is concluded that the annual production capacity (60,000cum/annum) which will be excavated at the QL area will be replenished easily during monsoon season.

### **Plantation**

Afforestation will be taken up in the along River Bank and Approach road of Gram Panchayat Bhawan, Aangan badi, School as per submitted scheme.

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

1. Revised plantation scheme containing location of proposed plantation as suggested by committee.
2. Comprehensive evacuation plan as three mines are in cluster.

PP vide their letter dated 05/03/21 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Prior Environment Clearance for Sand Quarry in an area of 8.00 ha. (60,000 cum per annum) (Khasra No. 311), Village – Pondi., Tehsil - Bahari, Dist. Sidhi (MP) subject to the following special conditions and as per Annexure-B:

#### **(A) PRE-MINING PHASE**

1. 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. 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.
4. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.

5. PP will also carry out fencing all around the lease area.
6. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
7. For dust suppression, regular sprinkling of water should be undertaken.
8. Transportation road shall be made pucca (tar road) and shall be constructed prior to operation of mine.
9. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

10. Mining shall be carried out as per mine plan approved by competent authority.
11. No intermediate stacking is permitted at the mine site.
12. Overhead sprinklers shall be provided in mine.
13. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for three years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
14. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 1700 trees shall be planted on barrier zone, backfilled area and along the transportation route.
15. Transportation of sand shall be done in covered vehicles.
16. Transportation of sand shall not be carried out through forest area.
17. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
18. 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.
19. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
20. The commitments made in the public hearing are to be fulfilled by the PP.
21. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
22. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

23. In the proposed EMP, capital cost is Rs. 50.79 Lakh is proposed and Rs. 14.47Lakh /year as recurring expenses.
24. Under CER activity, following activities are proposed based public hearing issues.

SN	Plan	Activity
<b>Public Hearing Issue</b>		
1	Environment conservation and green belt development plan	The issue is covered under Environment Management Plan
2.	Provision of employment to local people	Assured for labours, drivers and conductor
3	Maintenance of Transportation Road	1.2250km passage is kuccha which meet to PWD Road. The passage will be constructed into all weather fair road and will be main by the expenses of proponent
<b>Proposed by Project Proponent</b>		
4	Provision of infrastructure facility at school in terms of Toilets and, boundary wall	Providing infrastructure support like play ground, furniture, boundary wall, toilets, solar power system etc to the village school at Pondi
5	Development of Grazing land	Suitable grass species will be shown in the grazing land of the village area

25. 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.
26. 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 7453/2020 M/s Sainik Industries Pvt. Ltd, Authorized Person, Shri Litesh Jha, Flat No. 201, 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalakaji, New Delhi – 110091 Prior Environment Clearance for Sand Quarry in an area of 18.060 ha. (1,20,000 cum per annum) (Khasra No. 199), Village - Baarpaan, Tehsil - Bahari, Dist. Sidhi (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 199), Village - Baarpaan, Tehsil - Bahari, Dist. Sidhi (MP) 18.060 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. 182 dated: 19/03/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 22.36 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 452<sup>th</sup> SEAC meeting dated 27/08/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 25/02/2021 which was forwarded through SEIAA vide letter no. 6903 dated 26/02/2021, which was placed before the committee. PP and their consultant presented the EIA before the committees, PP stated following points -:

- The mine lease of river sand mine on Gopad River is spread over an area of 18.060 ha in Village –Barpan Tehsil- Bahari, Dist- Sidhi, State - Madhya Pradesh.
- The Letter of intent for the lease has been granted to Project Proponent M/s Sainik Industries Pvt. Ltd. Authorized person: Shri Litesh Kumar Jha by the Madhya Pradesh State Mining Corporation Limited, Bhopal vide letter no. Ret/2020/671 dated 06.03.2020 as per the provisions of M.P. State Sand Mining Policy – 2019.
- Mine Plan and Replenishment Study Plan has been approved by Director DGM, Bhopal, Madhya Pradesh vide letter no. 966-967/MP/NK/2020 dated 25/05/2020 for a production capacity of 1,20,000 m<sup>3</sup> per year.
- Cluster Certificate and NOC from Forest Department has been obtained for site vide letter no..534/Khanij/2020
- ToR Letter has been issued by SEAC, Bhopal (M.P.) vide letter No.556/PS-MS/MPPCB/SEAC/TOR (452)/2020 Bhopal, Dated 06/10/2020
- Public Hearing has been conducted on dated 21/01/2021 near project area
- Opencast semi mechanized method for mining by scrapping in 3.0m layers and loading on trucks/dumper will be adopted. No drilling & blasting is needed as the project is for sand mining.
- The mine site is a non-agricultural government land. The minerals will be transported to specific destination through tarpaulin covered trucks/dumpers by the purchaser.
- Evacuation will be approx 1.0 km long & 6.0 m width road which connect to village road and further connected to SH.

### Replenishment Capacity- Gopad River

- Gopad river which originates from Sohat Plateau of Chattisgarh state. Gopad river is major tributary of Sone River. Sone river finally flows into Ganga River
- River course is around 242 km approx. from the origin to the sone river. Distance from origin to mine site is around 146 km.
- Gradient of river is High i.e. highest elevation 710 m at origin place of river and while lowest is about 238 m above MSL at QL area, approx. 472m elevation difference. The upstream catchment area is around 3575 sq.km.
- Gopad flood plain region's annual precipitation is about 1000mm to 1100mm and a big factor that engineers sand transportation from its origin to sand mining area.
- Hence it is concluded that the annual production capacity which will be excavated at the QL area will be replenished easily\*.
- (\*QL Area = **18.060** ha. Required quantity of sand is available at the QL area. The annual production capacity is **1,20,000 m<sup>3</sup>** which will be easily replenished).
- Dandy Bolton Formula has category stated use of the equation to predict sediment yield for a specific location would not be always correct because of the wide variability caused by local factors not considered in the equation development. Actual sediment yield from individual drainage basins may vary 10-fold or even 100-fold computed yields. On the basis of Dandy Bolton formula with 50 fold the Sediment Yield is 5300400 M. tons/Year.
- The Annual Replenished Sand in Gopad River is 3312750 cum.
- Hence it is concluded that the annual production capacity (1,20,000 cum/annum) which will be excavated at the QL area will be replenished easily during monsoon season.

### Plantation

Afforestation will be taken up in the along River Bank and Approach road of Gram Panchayat Bhawan, Aangan badi, School as per submitted scheme.

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

1. Revised plantation scheme containing location of proposed plantation as suggested by committee.
2. Proposed safety measures as part of transportation route is through village.

PP vide their letter dated 05/03/21 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP

and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Prior Environment Clearance for Sand Quarry in an area of 18.060ha. (1,20,000 cum per annum) (Khasra No. 199), Village – Barpan, Tehsil - Bahari, Dist. Sidhi(MP) subject to the following special conditions and as per Annexure-B:

**(A) PRE-MINING PHASE**

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

**(B) MINING OPERATIONAL PHASE**

10. Mining shall be carried out as per mine plan approved by competent authority.
11. No intermediate stacking is permitted at the mine site.
12. Overhead sprinklers shall be provided in mine.
13. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for three years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
14. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan



- & EMP a minimum of 27000 trees shall be planted on barrier zone, backfilled area and along the transportation route.
15. Transportation of sand shall be done in covered vehicles.
  16. Transportation of sand shall not be carried out through forest area.
  17. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
  18. 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.
  19. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
  20. The commitments made in the public hearing are to be fulfilled by the PP.
  21. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
  22. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

23. In the proposed EMP, capital cost is Rs. 105.17 Lakh is proposed and Rs. 21.72 Lakh /year as recurring expenses.
24. Under CER activity, following activities are proposed based public hearing issues.

SN	Plan	Activity
<b>Public Hearing Issue</b>		
1.0	Provision of employment to local people	Assured for labours, drivers and conductor
2	Maintenance of Transportation Road	1.225km passage is kuccha which meet to PWD Road. The passage will be constructed into all weather fair road and will be main by the expanses of proponent
<b>Proposed by Project Proponent</b>		
3	Provision of infrastructure facility at school in terms of Toilets and, boundary wall	Providing infrastructure support like play ground, furniture, boundary wall, toilets, solar power system etc to the village school at Barpan
4	Development of Grazing land	Suitable grass species will be shown in

		the grazing land of the village area
5	To constructed shulabh Sochayala at village Barpan	

25. 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.
26. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

3. **Case No. – 7718/2020 M/s Sainik Industries Pvt. Ltd, Shri Litesh Jha, Authorized Person, 201-202, Vikash Plaza Building No. 2, Local Shopping Centre, Kalkaji, New Delhi – 110019 Prior Environment Clearance for Sand Quarry in an area of 23.00 ha. (3,45,000 cum per annum) (Khasra No. 1229), Village - Bhumka, Tehsil - Majholi, Dist. Sidhi (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1229), Village - Bhumka, Tehsil - Majholi, Dist. Sidhi (MP) 23.00 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 (Ekal Praman-Patr) letter no. 680 dated: 19/08/2020 has reported that there are no more mines operating or proposed within 500 meters.

Earlier this case was scheduled for presentation and discussion in 462<sup>th</sup> SEAC meeting dated 30/09/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 25/02/2021 which was forwarded through SEIAA vide letter no. 6939 dated 01/03/2021, which was placed before the committee. PP and their consultant presented the EIA before the committees, PP stated following points -:

- The mine lease of river sand mine on Gopad River is spread over an area of 23.00 ha in Village –Bhumka Tehsil- Majhauri, Dist- Sidhi, State - Madhya Pradesh.
- The Letter of intent for the lease has been granted to Project Proponent M/s Sainik Industries Pvt. Ltd. Authorized person: Shri Litesh Kumar Jha by the Madhya Pradesh State Mining Corporation Limited, Bhopal vide letter no. Ret/2020/671 dated 06.03.2020 as per the provisions of M.P. State Sand Mining Policy – 2019.
- Mine Plan and Replenishment Study Plan has been approved by Director DGM, Bhopal, Madhya Pradesh vide letter no. 780/Khanij/2020 dated 14/09/2020 for a production capacity of 3,45,000 m<sup>3</sup> per year.
- Cluster Certificate and NOC from Forest Department has been obtained for site vide letter no 680/Khanij/2020 dated 19.08.2020
- ToR Letter has been issued by SEAC, Bhopal (M.P.) vide letter No. 780/PS-MS/MPPCB/SEAC/TOR (462)/2020 Bhopal, Dated 06/10/2020.
- Public Hearing has been conducted on dated 29/01/2021 near project area
- Opencast Semi Mechanized method for mining by scrapping in 3.0 m layers and loading on trucks/dumper will be adopted. No drilling & blasting is needed as the project is for sand mining.
- The mine site is a non-agricultural government land. The minerals will be transported to specific destination through tarpaulin covered trucks/dumpers by the purchaser.
- Evacuation will be 1.93 km long & 6.0m width road which connect to village road and further connected to SH.

### **Replenishment Capacity- Gopad River**

- Gopad river which originates from Sohag Plateau of Chattisgarh state. Gopad river is major tributary of Sone River. Sone river finally flows into Ganga River.
- River course is around 242 km approx from the origin to the sone river. Distance from origin to mine site is around 143 km.
- Gradient of river is High i.e. highest elevation 710 m at origin place of river and while lowest is about 326 m above MSL at QL area, approx. 384m elevation difference. The upstream catchment area is around 3788 sq.km.
- Gopad flood plain region's annual precipitation is about 1000mm to 1100mm and a big factor that engineers sand transportation from its origin to sand mining area.
- Dandy Bolton Formula has category stated use of the equation to predict sediment yield for a specific location would not be always correct because of the wide variability caused by local factors not considered in the equation development. Actual sediment yield from individual drainage basins may vary 10-fold or even 100-fold computed yields. On the basis of Dandy Bolton formula with 50 fold the Sediment Yield is 5556250 M. tons/Year.

- The Annual Replenished Sand in Gopad River is 3472656 cum.
- Hence it is concluded that the annual production capacity (345000 cum/annum) which will be excavated at the QL area will be replenished easily during monsoon season.

### **Plantation**

Afforestation will be taken up in the along River Bank and Approach road of Gram Panchayat Bhawan, Aangan badi, School as per submitted scheme.

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

1. Part of lease submerged in water and a seasonal stream is joining the lease thus revised production plan leaving submerged area as non mining area and 50-50 meters setback from the area where the seasonal stream is joining the lease.
2. Revised plantation scheme containing location of proposed plantation as suggested by committee.
3. Revised evacuation route avoiding dense human settlement.

PP vide their letter dated 05/03/21 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Prior Environment Clearance for Sand Quarry in an area of 23.00 ha. (3,45,000 cum per annum) (Khasra No. 1229), Village – Bhumka, Tehsil - Majhauri, Dist. Sidhi (MP) subject to the following special conditions and as per Annexure-B:

### **(A) PRE-MINING PHASE**

1. 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.

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

**(B) MINING OPERATIONAL PHASE**

10. Mining shall be carried out as per mine plan approved by competent authority.
11. No intermediate stacking is permitted at the mine site.
12. Overhead sprinklers shall be provided in mine.
13. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for three years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
14. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 6000 trees shall be planted on barrier zone, backfilled area and along the transportation route.
15. Transportation of sand shall be done in covered vehicles.
16. Transportation of sand shall not be carried out through forest area.
17. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
18. 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.
19. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
20. The commitments made in the public hearing are to be fulfilled by the PP.

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

**(C) ENTIRE LIFE OF THE PROJECT**

23. In the proposed EMP, capital cost is Rs. 39.75 Lakh is proposed and Rs. 14.79 Lakh /year as recurring expenses.
24. Under CER activity, following activities are proposed based public hearing issues.

SN	Commitment towards public hearing Issue in terms of Physical Target
1	Provision of 02 hand-pumps to facilitate drinking water facility at suggested villages by Gram Panchayat,
2	Maintenance of village road from lease area to pucca road to be used for transportation of mineral (2000mtrs with 7.5 mtrs width)
3	Development of plantation with 5440no at common place/school/ panchayat Bhawan of village – Bhumka after providing of land from Garm Panchayat.
4	Providing infrastructure support like play ground, furniture, boundary wall, toilets, etc to the village school at Bhumka
5	To provide employment of 50 numbers of local villagers
6	To developed 2 acre land as grazing land at village Bhumka
7	To constructed shulabh Sochayala at village Bhumka

25. 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.
26. 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. – 7719/2020 M/s Sainik Industries Pvt. Ltd, Shri Litesh Jha, Authorized Person, 201-202, Vikash Plaza Building No. 2, Local Shopping Centre, Kalkaji, New Delhi – 110019. Prior Environment Clearance for Sand Quarry in an area of 1.450 ha. (12,000 cum per annum) (Khasra No. 176), Village - Nidhipuri, Tehsil - Majholi, Dist. Sidhi (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 176), Village - Nidhipuri, Tehsil - Majholi, Dist. Sidhi (MP) 1.450 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 (Ekal Praman-Patr) letter no. 75 dated: 06/06/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 41.89 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 462<sup>th</sup> SEAC meeting dated 30/09/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 25/02/2021 which was forwarded through SEIAA vide letter no. 6933 dated 01/03/2021, which was placed before the committee. PP and their consultant presented the EIA before the committees, PP stated following points -:

- The mine lease of river sand mine on Gopad River is spread over an area of 1.45 ha in Village –Nidhipuri, Tehsil- Majhauli, Dist- Sidhi, State - Madhya Pradesh.
- The Letter of intent for the lease has been granted to Project Proponent M/s Sainik Industries Pvt. Ltd. by the Madhya Pradesh State Mining Corporation Limited, Bhopal vide letter no. 443A/20219-20, Dated 15.01.2020 as per the provisions of M.P. State Sand Mining Policy – 2019.
- Mine Plan and Replenishment Study Plan has been approved by Director DGM, Bhopal, Madhya Pradesh vide letter no. 967/MP/NK/2020 for a production capacity of 45,000 m<sup>3</sup> per year.
- Cluster Certificate and NOC from Forest Department has been obtained for site vide letter no S.no. 675/ Khanij/ 2020 Dated 06.06.2020
- ToR Letter has been issued by SEAC, Bhopal (M.P.) vide letter No. 782/PS-MS/MPPCB/SEAC/TOR (462)/2020 Bhopal, Dated 06/10/2020.
- Public Hearing has been conducted on dated 29/01/2021 near project area

- Opencast Semi mechanized method for mining by scrapping in 3.0 m layers and loading on trucks/dumper will be adopted. No drilling & blasting is needed as the project is for sand mining.
- The mine site is a non-agricultural government land. The minerals will be transported to specific destination through tarpaulin covered trucks/dumpers by the purchaser.
- Evacuation will be 660m long & 6.0 m width road which connect to village road and further connected to SH.

### **Replenishment Capacity- Gopad River**

- Gopad River which originates from Sohat Plateau of Chattisgarh state. Gopad River is major tributary of Sone River. Sone River finally flows into Ganga River.
- River course is around 242 km approx from the origin to the Sone River. Distance from origin to mine site is around 143km.
- Gradient of river is High i.e. highest elevation 710 m at origin place of river and while lowest is about 326 m above MSL at QL area, approx. 384 m elevation difference. The upstream catchment area is around 3575 sq.km.
- Gopad flood plain region's annual precipitation is about 1000mm to 1100mm and a big factor that engineers sand transportation from its origin to sand mining area.
- Hence it is concluded that the annual production capacity which will be excavated at the QL area will be replenished easily\*.  
(\*QL Area = 1.45 ha. Required quantity of sand is available at the QL area. The annual production capacity is 12,000 m<sup>3</sup> which will be easily replenished).
- Dandy Bolton Formula has category stated use of the equation to predict sediment yield for a specific location would not be always correct because of the wide variability caused by local factors not considered in the equation development. Actual sediment yield from individual drainage basins may vary 10-fold or even 100-fold computed yields. On the basis of Dandy Bolton formula with 50 fold the Sediment Yield is 5300400 M. tons/Year.
- The Annual Replenished Sand in Gopad River is 3312750.0 cum.
- Hence it is concluded that the annual production capacity (12000cum/annum) which will be excavated at the QL area will be replenished easily during monsoon season.

### **Plantation**

Afforestation will be taken up in the along River Bank and Approach road of Gram Panchayat Bhawan, Aangan badi, School as per submitted scheme.

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



1. Part of lease submerged in water thus revised production plan leaving submerged area as non mining area.
2. Revised plantation scheme containing location of proposed plantation as suggested by committee.

PP vide their letter dated 05/03/21 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Prior Environment Clearance for Sand Quarry in an area of 1.45 ha. (12,000 cum per annum) (Khasra No. 176), Village – Nidhipuri., Tehsil - Majhauri, Dist. Sidhi (MP) subject to the following special conditions and as per Annexure-B:

**(A) PRE-MINING PHASE**

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

**(B) MINING OPERATIONAL PHASE**

10. Mining shall be carried out as per mine plan approved by competent authority.
11. No intermediate stacking is permitted at the mine site.
12. Overhead sprinklers shall be provided in mine.

13. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for three years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
14. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 1900 trees shall be planted on barrier zone, backfilled area and along the transportation route.
15. Transportation of sand shall be done in covered vehicles.
16. Transportation of sand shall not be carried out through forest area.
17. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
18. 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.
19. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
20. The commitments made in the public hearing are to be fulfilled by the PP.
21. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
22. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

23. In the proposed EMP, capital cost is Rs. 12.26. Lakh is proposed and Rs. 7.69 Lakh /year as recurring expenses.
24. Under CER activity, following activities are proposed based public hearing issues.

SN	Plan	Activity
<b>Public Hearing Issue</b>		
1	Environment conservation and green belt development plan	The issue is covered under Environment Management Plan
2.	Provision of employment to local people	Assured for labours, drivers and conductor
3.	Maintenance of Transportation Road	0.660km passage is kuccha which meet to PWD Road. The passage will be constructed

		into all weather fair road and will be main by the expenses of proponent
<b>Proposed by Project Proponent</b>		
4.	Development of Grazing land	Suitable grass species will be shown in the grazing land of the village area
5	To constructed shulabh Sochayala at village Nidhipuri	

25. 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.
26. 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.

**5. Case No 7443/2020 M/s Sainik Industries Pvt. Ltd, Authorized Person, Shri Litesh Jha, Flat No. 201, 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalakaji, New Delhi – 110091 Prior Environment Clearance for Sand Quarry in an area of 7.0 ha. (45000 cum per annum) (Khasra No. 1667), Village - Pondi, Tehsil - Bahri, Dist. Sidhi (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1667), Village - Pondi, Tehsil - Bahri, Dist. Sidhi (MP) 7.0 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. 530 dated: 14/07/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 22.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 452<sup>th</sup> SEAC meeting dated 27/08/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 25/02/2021 which was forwarded through SEIAA vide letter no. 6937 dated 01/03/2021, which was placed before the committee. PP and their consultant presented the EIA before the committees, PP stated following points -:

- The mine lease of river sand mine on Gopad River is spread over an area of 7.00 ha in Village –Pondi, Tehsil- Bahari, Dist- Sidhi, State - Madhya Pradesh.
- The Letter of intent for the lease has been granted to Project Proponent M/s Sainik Industries Pvt. Ltd. by the Madhya Pradesh State Mining Corporation Limited, Bhopal vide letter no. 443A/20219-20, Dated 15.01.2020 as per the provisions of M.P. State Sand Mining Policy – 2019.
- Mine Plan and Replenishment Study Plan has been approved by Director DGM, Bhopal, Madhya Pradesh vide letter no. 967/MP/NK/2020 for a production capacity of 45,000 m<sup>3</sup> per year.
- Cluster Certificate and NOC from Forest Department has been obtained for site vide letter no S.no. 530/ Khanij/ 2020 Dated 14.07.2020
- ToR Letter has been issued by SEAC, Bhopal (M.P.) vide letter No. 562 /PS-MS/MPPCB/SEAC/TOR (452)/2020 Bhopal, Dated 06/10/2020.
- Public Hearing has been conducted on dated 27/01/2021 near project area
- Opencast Semi mechanized method for mining by scrapping in 3.0 m layers and loading on trucks/dumper will be adopted. No drilling & blasting is needed as the project is for sand mining.
- The mine site is a non-agricultural government land. The minerals will be transported to specific destination through tarpaulin covered trucks/dumpers by the purchaser.
- Evacuation will be 1500 m long & 6.0 m width road which connect to village road and further connected to SH.

### **Replenishment Capacity- Gopad River**

- Gopad River which originates from Sohat Plateau of Chattisgarh state. Gopad river is major tributary of Sone River. Sone River finally flows into Ganga River.
- River course is around 242 km approx from the origin to the Sone River. Distance from origin to mine site is around 193km.
- Gradient of river is High i.e. highest elevation 710 m at origin place of river and while lowest is about 251 m above MSL at QL area, approx. 459 m elevation difference. The upstream catchment area is around 4393 sq.km.
- Gopad flood plain region's annual precipitation is about 1000mm to 1100mm and a big factor that engineers sand transportation from its origin to sand mining area.

- Hence it is concluded that the annual production capacity which will be excavated at the QL area will be replenished easily\*.  
(\*QL Area = 7.0 ha. Required quantity of sand is available at the QL area. The annual production capacity is 45,000 m<sup>3</sup> which will be easily replenished).
- Dandy Bolton Formula has category stated use of the equation to predict sediment yield for a specific location would not be always correct because of the wide variability caused by local factors not considered in the equation development. Actual sediment yield from individual drainage basins may vary 10-fold or even 100-fold computed yields. On the basis of Dandy Bolton formula with 50 fold the Sediment Yield is 6266550 M. tons/Year.
- The Annual Replenished Sand in Gopad River is 3916593.75 cum.
- Hence it is concluded that the annual production capacity (45,000 cum/annum) which will be excavated at the QL area will be replenished easily during monsoon season.

### **Plantation**

Afforestation will be taken up in the along River Bank and Approach road of Gram Panchayat Bhawan, Aangan badi, School as per submitted scheme.

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

1. Revised plantation scheme containing location of proposed plantation as suggested by committee.
2. Comprehensive evacuation plan as three mines are in cluster.

PP vide their letter dated 05/03/21 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Prior Environment Clearance for Sand Quarry in an area of 7.00 ha. (45,000 cum per annum) (Khasra No. 1667), Village – Pondi., Tehsil - Bahari, Dist. Sidhi (MP) subject to the following special conditions and as per Annexure-B:

### **(A) PRE-MINING PHASE**

1. 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.

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

**(B) MINING OPERATIONAL PHASE**

10. Mining shall be carried out as per mine plan approved by competent authority.
11. No intermediate stacking is permitted at the mine site.
12. Overhead sprinklers shall be provided in mine.
13. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for three years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
14. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 10500 trees shall be planted on barrier zone, backfilled area and along the transportation route.
15. Transportation of sand shall be done in covered vehicles.
16. Transportation of sand shall not be carried out through forest area.
17. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
18. 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.

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

**(C) ENTIRE LIFE OF THE PROJECT**

23. In the proposed EMP, capital cost is Rs. 47.99. Lakh is proposed and Rs. 13.80 Lakh /year as recurring expenses.
24. Under CER activity, following activities are proposed based public hearing issues.

SN	Plan	Activity
<b>Public Hearing Issue</b>		
1	Environment conservation and green belt development plan	The issue is covered under Environment Management Plan
2.	Provision of employment to local people	Assured for labours, drivers and conductor
3	Maintenance of Transportation Road	1.50km passage is kuccha which meet to PWD Road. The passage will be constructed into all weather fair road and will be main by the expanses of proponent
<b>Proposed by Project Proponent</b>		
4	Provision of infrastructure facility at school in terms of Toilets and, boundary wall	Providing infrastructure support like play ground, furniture, boundary wall, toilets, solar power system etc to the village school at Parhohar
5	Development of Grazing land	Suitable grass species will be shown in the grazing land of the village area

25. 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.

26. 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.

**6. Case No 7450/2020 M/s Sainik Industries Pvt. Ltd, Authorized Person, Shri Litesh Jha, Flat No. 201, 202, Vikas Plaza, Building No. 2, Local Shopping Centre, Kalakaji, New Delhi – 110091 Prior Environment Clearance for Sand Quarry in an area of 7.0 ha. (45000 cum per annum) (Khasra No. 1667), Village - Pondi, Tehsil - Bahri, Dist. Sidhi (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1667), Village - Pondi, Tehsil - Bahri, Dist. Sidhi (MP) 7.0 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. 529 dated: 14/07/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 22.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 452<sup>th</sup> SEAC meeting dated 27/08/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 25/02/2021 which was forwarded through SEIAA vide letter no. 6941 dated 02/03/2021, which was placed before the committee. PP and their consultant presented the EIA before the committees, PP stated following points -:

- The mine lease of river sand mine on Gopad River is spread over an area of 7.00 ha in Village –Pondi, Tehsil- Bahari, Dist- Sidhi, State - Madhya Pradesh.
- The Letter of intent for the lease has been granted to Project Proponent M/s Sainik Industries Pvt. Ltd. by the Madhya Pradesh State Mining Corporation Limited, Bhopal vide letter no. 443A/20219-20, as per the provisions of M.P. State Sand Mining Policy – 2019.
- Mine Plan and Replenishment Study Plan has been approved by Director DGM, Bhopal, Madhya Pradesh vide letter no. 967/MP/NK/2020 for a production capacity of 45,000 m<sup>3</sup> per year.



- Cluster Certificate and NOC from Forest Department has been obtained for site vide letter no 529/ Khanij/ 2020. Dated 14.07.2020
- ToR Letter has been issued by SEAC, Bhopal (M.P.) vide letter No. 550/PS-MS/MPPCB/SEAC/TOR (452)/2020 Bhopal, Dated 06/10/2020.
- Public Hearing has been conducted on dated 27/01/2021 near project area
- Opencast Semi mechanized method for mining by scrapping in 3.0 m layers and loading on trucks/dumper will be adopted. No drilling & blasting is needed as the project is for sand mining.
- The mine site is a non-agricultural government land. The minerals will be transported to specific destination through tarpaulin covered trucks/dumpers by the purchaser.
- Evacuation will be 1225 m long & 6.0 m width road which connect to village road and further connected to SH.

### **Replenishment Capacity- Gopad River**

- Gopad river which originates from Sohat Plateau of Chattisgarh state. Gopad river is major tributary of Sone River. Sone River finally flows into Ganga River.
- River course is around 242 km approx from the origin to the Sone River. Distance from origin to mine site is around 191 km.
- Gradient of river is High i.e. highest elevation 710 m at origin place of river and while lowest is about 247 m above MSL at QL area, approx. 463 m elevation difference. The upstream catchment area is around 4320 sq.km.
- Gopad flood plain region's annual precipitation is about 1000mm to 1100mm and a big factor that engineers sand transportation from its origin to sand mining area.
- Hence it is concluded that the annual production capacity which will be excavated at the QL area will be replenished easily\*.
- (\*QL Area = 7.0 ha. Required quantity of sand is available at the QL area. The annual production capacity is 45,000 m<sup>3</sup> which will be easily replenished).
- Dandy Bolton Formula has category stated use of the equation to predict sediment yield for a specific location would not be always correct because of the wide variability caused by local factors not considered in the equation development. Actual sediment yield from individual drainage basins may vary 10-fold or even 100-fold computed yields. On the basis of Dandy Bolton formula with 50 fold the Sediment Yield is 6181213.50M. tons/Year.
- The Annual Replenished Sand in Gopad River is 38263258 cum.
- Hence it is concluded that the annual production capacity (45000cum/annum) which will be excavated at the QL area will be replenished easily during monsoon season.

## **Plantation**

Afforestation will be taken up in the along River Bank and Approach road of Gram Panchayat Bhawan, Aangan badi, School as per submitted scheme.

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

1. Revised plantation scheme containing location of proposed plantation as suggested by committee.
2. Comprehensive evacuation plan as three mines are in cluster.

PP vide their letter dated 05/03/21 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Prior Environment Clearance for Sand Quarry in an area of 7.00 ha. (45000. cum per annum) (Khasra No. 311), Village – Pondi., Tehsil - Bahari, Dist. Sidhi (MP) subject to the following special conditions and as per Annexure-B:

### **(A) PRE-MINING PHASE**

1. 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. 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.
4. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
5. PP will also carry out fencing all around the lease area.
6. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
7. For dust suppression, regular sprinkling of water should be undertaken.
8. Transportation road shall be made pucca (tar road) and shall be constructed prior to operation of mine.

9. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

10. Mining shall be carried out as per mine plan approved by competent authority.
11. No intermediate stacking is permitted at the mine site.
12. Overhead sprinklers shall be provided in mine.
13. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for three years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
14. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 10640 trees shall be planted on barrier zone, backfilled area and along the transportation route.
15. Transportation of sand shall be done in covered vehicles.
16. Transportation of sand shall not be carried out through forest area.
17. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
18. 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.
19. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
20. The commitments made in the public hearing are to be fulfilled by the PP.
21. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
22. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(C) ENTIRE LIFE OF THE PROJECT**

23. In the proposed EMP, capital cost is Rs. 48.19 Lakh is proposed and Rs. 13.86 Lakh /year as recurring expenses.
24. Under CER activity, following activities are proposed based public hearing issues.

<b>SN</b>	<b>Plan</b>	<b>Activity</b>
	<b>Public Hearing Issue</b>	

1	Environment conservation and green belt development plan	The issue is covered under Environment Management Plan
2.	Provision of employment to local people	Assured for labours, drivers and conductor
3	Maintenance of Transportation Road	1.225km passage is kuccha which meet to PWD Road. The passage will be constructed into all weather fair road and will be main by the expanses of proponent
<b>Proposed by Project Proponent</b>		
4	Provision of infrastructure facility at school in terms of Toilets and, boundary wall	Providing infrastructure support like play ground, furniture, boundary wall, toilets, solar power system etc to the village school at Harra
5	Development of Grazing land	Suitable grass species will be shown in the grazing land of the village area

25. 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.
26. 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.

**7. Case No 8253/2021 M/s Shriniwas Pharmachem Pvt. Ltd, 126 (Part) Dawa Bazar, Madhav Club Road, Dist. Ujjain, MP Prior Environment Clearance for Manufacturing of Bulk Drugs & API Production having capacity of 920 TPM at Plot No. 99, 100, 101, Vikram Udyogpuri, Dewas Road, Dist. Ujjain, (MP)**

This is case Prior Environment Clearance for Manufacturing of Bulk Drugs & API Production having capacity of 920 TPA at Plot No. 99, 100, 101, Vikram Udyogpuri, Dewas Road, Dist. Ujjain, (MP).

The case was presented by the PP and their consultant wherein following details are submitted by them:

- M/s. Shriniwas Pharmachem Pvt. Ltd. is a large-scale unit established in the year 2020 and the manufacturing facility located at Plot No. 99, 100 & 101, Vikram Udyogpuri,

Industrial Area, Dewas Road, Madhya Pradesh for manufacturing of 920 TPM of Pharmaceutical Intermediates& Active Pharmaceutical Ingredient (API)

- The project occupies a plot Area of 59,589 sqmt of land. The total fixed cost of the project is estimated as INR 4785 Lacs.
- The major facilities will be Boiler, MEE, Reactors, Cooling Towers, Effluent Treatment Plant (ETP), and R.O Plant. Facilities like administrative office, parking and greenbelt/plantation will also be developed as per plan/requirement. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- Total raw water requirement for the proposed project will be 648.54 (456.54 KLD fresh water and 192.00 KLD recycled water). The water will be sourced from DMIC-VikramUdyogpuri Ltd.
- The total wastewater generation from the domestic source will be 18.00 KLD and industrial wastewater generation will be 516.87 KLD. Process effluent i.e. 428.87 KLD will be segregated into concentrated effluent stream (40.06 KLD) and normal effluent stream (422.67 KLD).
- 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 RLSPL will take authorization Under Hazardous Waste (Management, Handling & Transboundary Movement), Rules.
- Power will be sourced from existing line of 'Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company'. The total requirement will be 500 KW. In case of power failure, D.G. of 2X500 KVA will be used as a backup power source.
- The total capital cost for environmental measures is kept as Rs. 167.50 Lacs (capital cost) is allocated for environmental management systems and the annual recurring cost for the same is Rs 96.30 +11.50 Lacs.

#### **Salient Feature of Project**

Project Name	Manufacturing of Bulk drug and Intermediates
Location	Plot no 99,100,101 Vikram Udyogpuri Industrial Area Dewas Road Ujjain MP
Production capacity	920 tonne per month
Estimated Project Cost	Proposed : 4785 Lacs
Acquired Land	59589 sqmtrs
Total Water Consumption	648.54 KLD
Net fresh Water Consumption	456.54. KLD

Source of Water Supply	DMIC Vikram Udyogpuri Ltd
Waste Water Generation	516.87 KLD
Proposed Treatment Facility	High COD Stream (40.06 KLD) _ MEE Followed By ATFD Low COD Stream ( 422.67 KLD) - ETP followed by CETP of DMIC
Source of power supply	Madhya KshetraVidyutVitaran Company
Power Requirement	Total : 500 KW
Fuel Options FO ( Lit/Hr)	Briquette : 25 MT/Hr for Boiler (3X4TPH) Diesel : 50 lit/Hr For DG set ( 2X500 KVA)
Major equipments	Reactors, Centrifuge, Vacuum Try Dryer, Filters, Boiler, Cooling Tower, MEE, ETP etc.
Green belt (sqmt)	20000 Sq Meter
Employment generation	450
Capital cost (EMS)	Rs 167.50 Lacs
Recurring cost ( EMS)	Rs 96.30 Lacs +11.50 Lacs

**Products and their description**

Group No.	Sr. No.	Chemical Name of the product	Qty (MT/M)	End Use
1	1	2-methyl-5 nitro Imidazole	150	Intermediate for API
2	2	Metronidazole	150	It has a role as an antibacterial drug, an antimicrobial agent, an antiparasitic agent, an antitrichomonal drug and a prodrug.
	3	Metronidazole Benzoate		Intermediate for Bulk drug preparation.
	4	Tinidazole		Tinidazole is an antibiotic that is used to treat certain types of vaginal infections
	5	Secnidazole		It is used in women to treat bacterial vaginal infections.
	6	Ornidazole		It is used to treat people who have certain types of vaginal, urinary tract and intestinal infections, or some specific infections that are in the body.
3	7	4'-Methyl-2-cyanobiphenyl (OTBN)	150	Intermediate for API
	8	4-Bromomethyl-2-cyanobiphenyl (Bromo OTBN)		Intermediate for API
	9	5-(4'-Bromomethyl-1,1'-biphenyl-2-yl)-1-triphenylmethyl-1H-tetrazole (Trityl tetrazole bromomethyl biphenyl) (TTBB)		Intermediate for API

Group No.	Sr. No.	Chemical Name of the product	Qty (MT/M)	End Use
	10	2-Butyl 4-Chloro 5-Formyl Imidazole(BCFI)		Intermediate for API
4	11	Losartan Potassium	100	It is mainly used to treat high blood pressure. It is also used for diabetic kidney disease, heart failure, and left ventricular enlargement
	12	Telmisartan		It is used to treat high blood pressure, heart failure, and diabetic kidney disease.
	13	Olmesartan		It is a medicine used to treat high blood pressure.
	14	Candesartan		It is a medicine widely used to treat high blood pressure (hypertension) and heart failure.
	15	Valsartan		It is used to treat high blood pressure and heart failure.
5	16	Guanine	50	Intermediate for API
	17	Acyclovir		It is used to treat infections caused by certain types of viruses.
	18	Valaciclovir		It is used to treat infections caused by certain types of viruses.
	19	Ganciclovir		It is an anti-viral drug.
	20	Valganciclovir HCL		It is used in adults to prevent infection with cytomegalovirus (CMV) that may occur after an organ transplant (heart, kidney, or pancreas)
6	21	2,8-Diazo bicycloNonane (Moxifloxacin Intermediate)	10	Intermediate for Bulk drug preparation
	22	Moxifloxacin		It is a fluoroquinolone (flor-o-KWIN-o-lone) antibiotic that fights bacteria in the body.
7	23	Corey Lactone Diol	10	Intermediate for Bulk drug preparation
	24	Latanoprost		It is used to treat glaucoma and ocular hypertension.
	25	Bimatoprost		It is used to treat patients with not enough or inadequate eyelashes.
	26	Travoprost		It is used to treat certain types of glaucoma and other causes of high pressure inside the eye.
8	27	Iminodibenzyl	40	Intermediate for Bulk drug preparation
	28	3-Chloro Iminodibenzyl		Intermediate for Bulk drug preparation
	29	Iminostilbene carbonyl chloride		Intermediate for Bulk drug preparation
	30	10-Methoxy Iminostilbene		Intermediate for Bulk drug preparation
9	31	Carbamazepine	40	It is used to prevent and control seizures.
	32	Oxcarbazepine		It is a medication used to treat epilepsy and bipolar disorder
	33	Clomipramine		It is a tricyclic antidepressant that is used to treat symptoms of obsessive-compulsive disorder (OCD), such as recurrent thoughts or feelings and repetitive actions.
	34	Imipramine Hydrochloride		It is used to treat depression.
	35	Desipramine HCL		It is used to treat depression.
10	36	Teneligliptin Hydrobromide Hydrate	10	It is used for the treatment of type 2 diabetes mellitus.

Group No.	Sr. No.	Chemical Name of the product	Qty (MT/M)	End Use
		(THH)		
	37	Sitagliptin Phosphate Anhydrous/Monohydrous		It is used for the treatment of type 2 diabetes mellitus.
	38	Vilagliptin		It is used for the treatment of type 2 diabetes mellitus.
	39	Linagliptin & Intermediates		Linagliptin is indicated as an adjunct to diet and exercise to improve glycemic control in adults with type-2 diabetes.
11	40	Pimecrolimus	10	It is only used to treat patients who cannot use other medications for eczema, or whose symptoms were not controlled by other medications.
	41	Sildenafil		It is used by men to treat the symptoms of an enlarged prostate
	42	Ranolazine		It is a new antianginal drug.
12	43	SABAM HCL	50	Intermediate for Bulk drug preparation
	44	Levetiracetam		It is used in combination with other medications to treat certain types of seizures in adults and children with epilepsy.
13	45	Flecainide Acetate	25	Flecainide acetate is used for the treatment of severe symptomatic life-threatening ventricular arrhythmias and supraventricular arrhythmias.
	46	Loxoprofen Sodium Dihydrate		It is usually used to treat rheumatoid arthritis and osteoarthritis.
	47	Apremilast		It is used to treat a certain type of arthritis (psoriatic arthritis).
	48	Tranexamic Acid		It is used to treat heavy bleeding during your menstrual period.
	49	Febuxostat		It is used long-term to treat gout due to high uric acid levels
	50	Entecavir Monohydrate		It is used to treat chronic hepatitis B virus (HBV).
	51	Edaravone		It works by relieving the effects of oxidative stress
	52	Sugammadex sodium		It is used for reversal of neuromuscular blockade induced by rocuronium and vecuronium in adults undergoing surgery.
	53	Rivaroxaban		It is used to prevent blood clots from forming due to a certain irregular heartbeat or after hip or knee replacement surgery.
	54	Garenoxacin Mesylate		It is a quinolone antibiotic, prescribed for chronic bronchitis, sinusitis, pneumonia, intra-abdominal infections and others.
	55	Levomilnacipran Hydrochloride		It is used to treat depression.
	56	Fosravuconazole		It is used as anti-fungal agent.
	57	Upadacitinib		API-Oncology
	58	Crisaborole		It is used for the treatment of mild-to-moderate atopic dermatitis



Group No.	Sr. No.	Chemical Name of the product	Qty (MT/M)	End Use
	59	Edoxaban Tosylate		It is used for the treatment of deep vein thrombosis and pulmonary embolism.
	60	Elagolix Sodium		It is used in the treatment of pain associated with endometriosis in women.
14	61	2 Mercapto 5-Methoxy Benzimidazole	100	Intermediate for Bulk drug preparation
	62	5-(Difluoromethoxy)-2-[[3,4-Dimethoxypyridine-2-yl)methyl]sulfyn]-1H-Benzimidazole		Intermediate for Bulk drug preparation
	63	5-Difloro Methoxy 2 Mercapto Benzimidazol		Intermediate for Bulk drug preparation
	64	5-Methyl 2 Mercapto Benzimidazole		Intermediate for Bulk drug preparation
15	65	Pantoprazole Sodium Sesquihydrate	25	Antiulcer
	<b>TOTAL</b>		<b>920</b>	<b>--</b>

**Name of the by-product**

Sr. No.	Name of the by-product	Quantity (MT/M)
1.	Distilled Acetone	78.75
2.	Di-ammonium Tartarate	50.00

**Land Use Pattern**

S.	Particular/Purpose	Area (Sq. M.)	% of land
1.	API Plant	1584	2.73%
2.	Intermediate Plant	1584	2.73%
3.	Raw Material Storage area	1225	2.11%
4.	Finish goods storage area	1225	2.11%
5.	Admin Block area	1223	2.10%
6.	Tank Farm area	2826	4.86%
7.	Hazardous waste storage area	400	0.69%
8.	Utility area	1368	2.35%

9.	Toilet Block	120	0.21%
10.	Security Cabin	40	0.07%
11.	Open area	5688	13.24%
12.	Roads/Paved area	11758	20.23%
13.	Green belt area	20000	34%
14.	ETP area	1498	2.58%
15.	Parking area	5810	10.00%
<b>Total</b>		<b>59,589</b>	<b>100.00%</b>

### **Environmental Setting**

Particulars	Details
Location	Plot no 99,100,101 Vikram Udyogpuri Industrial Area Dewas Road Ujjain MP
Toposheet No.	46M/16
Latitude / Longitude	23° 5'35.90"N to 75°55'42.20"E 23° 5'35.86"N to 75°55'49.54"E 23° 5'32.87"N to 75°55'49.52"E 23° 5'29.06"N to 75°55'49.50"E 23° 5'30.77"N to 75°55'42.16"E 23° 5'32.91"N to 75°55'42.18"E
Nearest Highway	SH -18 –Ujjain Dewas BY Pass Road -0.02 km-S
Nearest Railway Station	Karccha Railway Station – 2.50 km – NW
Nearest Airport	Devi Ahilyabaiholkar Indore Airport- 42.45 km- SSW
Nearest Tourist Place	None within 10km radius
Archaeological Important Place	None within 10km radius
Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10km radius
Reserved / Protected Forest within 10km radius	None within 10km radius
Nearest Town	Ujjain- 13.00 km – WNW

Village	1.00 km – Chaimpur – North
Nearest River/water courses	Sipra River – 6.50 km – wsw Narwar Nala- 2.0 km-S Silakheri Talab – 4.75 km- WNW Local Nala- 2.00km- WNW Local Nala – 3.25 km- WSW Gamri Village Pond- 2.50 km- E
Nearest Hill Ranges	None within 10km radius

### **Air Pollution control Measures**

Flue Gas Emission & Its Control Measures					
Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Air Pollution Control Measures (APCM)
1	Steam Boiler (4 TPH – 3 Nos.)	38 (Common)	Briquettes	25 MT/hr	Multi-cyclone followed by Water Scrubber
2.	D. G. Sets (500 kVA – 2 Nos.) (Stand by)	11 each	Diesel	50 Lit/hr	Adequate stack height with acoustic enclosure

### **WATER BALANCE**

Sr. No.	Particular	Water Consumption (KLD)	Remarks
1.	Domestic	20.00	Fresh water
2.	Gardening	90.00	90 KLD recycled water from ETP
3.	Process	293.54	47 KLD distilled water generated will be reused.
4.	Washing	40.00	40 KLD recycled water from ETP
5.	Boiler	120.00	Fresh water
6.	Cooling	60.00	Fresh water

7.	Floor/Container Washing	15.00	15 KLD recycled water from ETP
8.	Scrubber	10.00	Fresh water
Grand Total		648.54	--

**Wastewater Generation**

Sr. No.	Particular	Wastewater Generation (KLD)	Remarks
1.	Domestic	18.00	Disposed through septic tank.
3.	Process	428.87	Normal Effluent Stream: 422.67 KLD, Concentrated Effluent Stream: 40.06 KLD
4.	Washing	40.00	Treated along with normal effluent stream.
5.	Boiler	10.00	
6.	Cooling	5.00	
7.	Floor/Container Washing	10.00	
8.	Scrubber	5.00	Bleed Liquor treated into the ETP with normal effluent.
Grand Total		516.87	--

- 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, RO and MEE.
- Low COD /TDS wastewater (including process effluent, washing, blow downs from cooling towers, boiler, scrubber and Softener regeneration) will be sent to ETP followed by CETP of Vikram Udopuri Industrial Area.
- High COD / TDS wastewater (consisting process effluent) will be sent to MEE/ATFD. Condensate will be reused and bottom salt will be sent to a common TSDF site.
- Utilization of treated wastewater in toilet flushing, greenbelt development and dust suppression

- 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
- 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 has been implemented, and after expansion, the same shall be maintained.

Sr. No.	Type of HW	Schedule/ Category	Quantity (TPA)	Source of Generation	Type of storage	Disposal Mode/Facility
1	Used Oil	Sch: I/ 5.1	50	Machinery & Gearbox of DG Set	Packed drums in	Collection, Storage, Transportation and disposal by selling to authorized recycler.
2	Discarded Containers	Sch: I/ 33.1	500	Empty containers of RM	Stack on pallets	Collection, Storage Transportation and disposal by utilizing for HW packing or sold to authorized recycler.
3	ETP sludge	Sch:I/ 35.3	700	ETP plant	Packed HDPE drums in	Collection, Storage, Transportation and disposed off to the CTSDf site.
4	Spent Carbon/Hyflo	Sch: I/ 28.3	2000	During filtration process	Packed HDPE drums in	Collection, Storage, Transportation and disposed off to the CTSDf site..
5	Process Residue/ Distillation Residue	Sch: I/ 28.1 & 36.1	20,000	Process & Distillation of solvent process	Packed HDPE drums in	Collection, Storage, Transportation and disposed off to the CTSDf site.
6	Spent Solvent	Sch: I/ 28.6	28,000	Purification process	Stored drums/ tanks in	Distilled in-house and recycled in the process.
7	Off specification products	Sch: I/ 28.4	150	Rejected products after lab. Test	Packed HDPE drums in	Collection, Storage, Transportation and disposed off to the CTSDf site.
8	Date expired products	Sch: I/ 28.5	15	Rejected material	Packed HDPE drums in	Collection, Storage, Transportation and disposed off to the CTSDf site.
9	MEE Salts	Sch: I/ 37.3	1500	MEE plant	Packed HDPE drums in	Collection, Storage, Transportation and disposed off to the CTSDf site.
10	Gypsum	Sch: I/ 35.3	1080	ETP	Packed in HDPE bags	Collection, Storage, Transportation & Sent to Cement Industries.
11	Aqueous	Sch: II/	24,660	2-methyl-	Packed in	Collection, Storage,

Sr. No.	Type of HW	Schedule/ Category	Quantity (TPA)	Source of Generation	Type of storage	Disposal Mode/Facility
	Ammonium Sulphate	B-15		5 nitro Imidazole&Tinidazole	HDPE drums	Transportation & sold to rule 9 authorized vendor
12	Ammonium Phosphate	Sch: II/ B-15	283.20	Iminodibenzyl	Packed in HDPE drums	Collection, Storage, Transportation & sold to rule 9 authorized vendor
13	Hydrochloric Acid	Sch: II/ B-15	646.25	3-Chloro Iminodibenzyl	Packed in HDPE drums	Collection, Storage, Transportation & sold to rule 9 authorized vendor
14	Diluted Sulphuric Acid	Sch: II/ B-15	715.20	3-Chloro Iminodibenzyl	Packed in HDPE drums	Collection, Storage, Transportation & sold to rule 9 authorized vendor
15	Ferric Oxide	Sch: II/ B-15	351.36	3-Chloro Iminodibenzyl	Packed in HDPE drums	Collection, Storage, Transportation & sold to rule 9 authorized vendor
16	Cuprous Chloride	Sch: II/ B-15	211.20	3-Chloro Iminodibenzyl	Packed in HDPE drums	Collection, Storage, Transportation & sold to rule 9 authorized vendor
17	Liquor Ammonia	Sch: II/ B-15	7.26	3-Chloro Iminodibenzyl	Packed in HDPE drums	Collection, Storage, Transportation & sold to rule 9 authorized vendor
18	Sodium Acetate	Sch:I/ 28.4	171.60	3-Chloro Iminodibenzyl	Packed in HDPE drums	Collection, Storage, Transportation & sold to rule 9 authorized vendor
19	Hydrobromic Acid (45-48%)	Sch: II/ B-15	277.50	Sugammadex sodium	Packed in HDPE drums	Collection, Storage, Transportation & sold to rule 9 authorized vendor

After presentation and discussion PP was asked to submit following revised details:

- Regarding installation of Continuous effluent monitoring system
- Regarding provision of RO for Low COD effluent

PP vide letter dated 26.11.2020 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 Bulk Drug & Intermediates ( 920 Tonne per Month) By M/S. Shriniwas Pharmachem Pvt. Limited, At Plot No. 99,100 and 101 Vikram Udyogpuri Industrial Area Ujjain (MP) under . Cat. 5(f) Synthetic Organic Chemicals Industry (Bulk Drug) Project subject to the 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. 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 (if applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
4. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
5. The DG sets (2 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.
6. 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.
7. 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. The High COD/TDS process effluent (40.06 KLD) and RO Reject will be treated through MEE/ ATFD. The MEE condensates will be recycled/ reused and MEE bottom will be sent to TSDF site
4. The Low COD/TDS effluent, [422.67KLD)] will be treated in an on-site ETP of 500 KLD .
5. The treated effluent will be reused/ recycled.

6. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
7. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
8. Total fresh water requirement shall not exceed 648.54 KLD and Tanker water supply shall be used
9. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
10. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
11. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

**(D) Noise monitoring and prevention**

1. Acoustic enclosure shall be provided to DG (2X500 KVA) set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**(E) Energy Conservation measures**

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 500 KW. The power will be supplied by Madhya Pradesh Electricity Board. Briquette will be used in boiler of 3X4TPH

**(F) Waste management**

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. As proposed minimum 95% solvent recovery shall be achieved and recovered solvent shall be reused in the process.
3. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDf, Dhar.
4. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
5. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.



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

**(G) Green Belt**

1. The green belt of 5-10 m width shall be developed 20000 sq. meter within and periphery of plant (5000 no), 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.
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 5000 no of plants in Two 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 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.
2. 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.
3. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
4. The proposed EMP cost is Rs. 167.50 Lakhs as capital and 96.30 +11.50 Lakhs /year as recurring cost.
5. 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.

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

**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 EIA/EMP report, commitment made during Public Hearing (if applicable ) and also that during their presentation to the Expert Appraisal Committee.
4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
5. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

**8. Case No 8232/2021 M/s Jabalpur Cement Industries Pvt. Ltd, Katangi Road, Karmata, Dist. Jabalpur, MP, Prior Environment Clearance for Clinker Grinding Unit (500 TPD) project at Village - Jogihana, Tehsil - Bargi, Dist. Jabalpur, (MP)**

This is case of Clinker Grinding Unit. Prior Environment Clearance for Clinker Grinding Unit (500 TPD) project at Village - Jogihana, Tehsil - Bargi, Dist. Jabalpur, (MP)

The case was scheduled in 486<sup>rd</sup> meeting dated 26/02/2021 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.

The case was presented by the PP and their consultant wherein PP submitted that:

- The present proposal is for manufacturing of cement through cement grinding unit. It is Partnership Company which is developed as Jalabalpur Cement Industries pvt Limited Jabalpur MP to cater the market demand of nearby area.
- Capacity of the grinding unit is envisaged as 500 TPD.

- The existence of substantial OPC / PPC market in the nearby areas of Jabalpur, Katni, Satna, Narsighpur, Gadawara, Itarsi etc has become a very important aspect of locating a grinding unit near to Jabalpur (M.P.).
- Market analysis carried out by our Company to ascertain the demand for cement in the Central region, and particularly in the State of M.P. established substantial unfulfilled demand for cement in the state.
- This site has been selected because i) land is available (ii) blending material viz.fly ash are available, iii) assured power supply and iv) market/ consumers of product are readily accessible, cement being major requirement for developmental projects.
- There are no sensitive eco systems, water bodies within 10 km radius of proposed site
- It is expected that about 140 personnel (skilled & unskilled) will be employed in the proposed plant.
- The plant location falls under industrially backward area. The proposed area is covered in parts of Survey of India Toposheet no. 55M/16.
- Following are the other details submitted by PP:

S. No.	Particulars	Details
1	Project	500 TPD of Grinding unit
2	Total Power requirement for process	2.25 MW
3	Total Land available	40486.60 Sq mtrs
4	Raw material required	Clinker, Gypsum and Flyash
5	Source of Power	M.P. Power Transmission Company Limited
6	Water Requirement	16 Cubic.M / Day
7	Source of Raw water	Tanker
8	Major Plants / Equipment	Grinding mill, Classifier, Packing Machine
9	Capacity of Cement Mill	25TPH PPC
10	Process Technology	Ball mill with high efficiency classifier
11	Pollution control equipment	Bagfilter
12	Level of particulate Matter after APCE	30 mg/Nm <sup>3</sup>
13	Cost of Pollution Control Equipments	0.7 Crores
14	Number of employment generation	140 direct employment
16	Project cost	<b>Rs. 42.21 Crore</b>
<b>Particulars</b>		<b>Details</b>

Locations	Village- Jogidhana, Tehil Bargi Dist ; Jabalpur (MP)
Toposheet No.	55 M/16
General ground level	296m MSL
Nearest National/ State Highway	0.25 km –E
Nearest Railway Station	Bargi Railway station –4.25 km- SSW
Nearest Airport	Jabalpur Airport – 21.50 km –NE
Nearest Tourist Place	None within 10km radius
Archaeological Important Place	None within 10km radius
Ecological Sensitive Areas (Wild Life Sanctuaries)	None within 10km radius
Reserved / Protected Forest within 10km radius	Protect Forest – 1.00 km –W Bargi Khas RF – 1.50 KM –S Protect Forest – 0.50 km –NE Protect Forest – 4.00 km –NE Protect Forest – 4.25km –S Narayanpur RF -6.25 km –N Protect Forest – 6.25 km- E Parasiya RF – 6.00 km –ESE Mankhedi RF -10.00km –S Dobhi RF – 10.00 km –E
Nearest major city <50000 population	Jabalpur – 12.00 km – N
Nearest Town / City within 10km radius	Jabalpur – 12.00 km – N
Surrounding village within 1 km area of the project.	Jogi dhana -0.25 km –NW
Nearest village	Jogi dhana -0.25 km –NW
Nearest River/nalla/pond/ water reservoir	Narmada River – 3.25 km- E Gaur Nadi -8.75 km – NE Dala Nala – 9.00 km NE Koha Nala –2.50 km –NNE Imarti Nala– 1.00 km- N Narra Nala -6.50 km – E Keolari Nala- 1.75 km – ESE Temur Nadi -4.75 km –S Khandari N – 9.00 km – N Bargi Dam Reservoir- 10.00 km – SSE Bargi Local Pond-3.50 km – SW Rani Avantibai left Bank Canal - 1.00km- E Bargi Right Bank Canal – 5.50 km –ESE
Nearest Hill Ranges	None within 10km radius

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. Habitation at north side for which comprehensive protection plan shall be submitted with EIA.
2. Proposed appropriate capacity of STP.
3. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
4. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
5. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
6. Heavy metals and pesticides shall be analyzed in atleast one soil samples.

**9. Case No 8258/2021 The Executive Engineer, Narmada Development Division No. 19, Bhikangaon, Dist. Khargone Prior Environment Clearance Khalwa Lift Micro Irrigation Project at 59 Vilages of Tehsil - Khalwa, Dist. Khandwa (MP)**

This is case of Prior Environment Clearance Khalwa Lift Micro Irrigation Project at 59 Vilages of Tehsil - Khalwa, Dist. Khandwa (MP).

PP presented their case and submitted following details:

- Khalwa Lift Micro Irrigation Scheme, EE NVDA Division 19: comprising of lifting of 11.25 cumecs water for irrigation in CCA of 35103 hectares and GCA of 47905 hectares from Submergence of ISP reservoir for providing water for Micro-irrigation up to 2.5-hectare chak with residual head of 23 meters at 2.5-hectare chak.
- Lifting Point: ISP Reservoir Near Village Baidiyaw/Nandgaon
- The project has been conceived to cater irrigation water to about 59 villages in Khalwa Tehsil, District Khandwa (East Nimar).
- Power consumption (including all types of power) in the whole system should not exceed 31.04 MW at the time of commissioning and 32 MW in 15 years lifetime.

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

- Since project involves approx 4.10 ha., forest area, F.C. clearance has to be obtained by PP and should indicate the status of FC clearance in EIA report. PP has applied for FC clearance vide online application no. FP/MP/IRRIG/12564/2021.

- Issues related to R&R as approx. 3.50 ha private land is to be acquired and status of land acquisition shall be discussed in EIA report with proper provisions issued by various State /central Government orders/ notification.
- Proposed pipeline is to be laid crossing railway line thus method and proposed safety precautions to be discussed in the EIA report.
- Top soil and muck management plan shall be discussed in EIA report. PP shall also provide the pictorial photographs of similar activities conducted in other projects.
- Details of water losses from initial pumping stations to final distribution point shall be elaborated in the EIA report.
- Incorporate awareness/ training activities including of distribution of masks, sanitizers, mass sanitization programme in the project affected villages' w.r.t. COVID-19 pandemic in CER activities based on the issues raised during public hearing.

**10. Case No 8259/2021 M/s Jaimahakal Mines and Minerals Pvt. Ltd, 8, Rajkumari Adyappa Mandir, Obra, Dist. Sonbhadra, UP - 231219 Prior Environment Clearance for Stone Quarry in an area of 2.40 ha. (39233 cum per annum) (Khasra No. 102, 103, 104, 105/1, 105/2, 105/3), Village - Sardaman, Tehsil - Hanumana, Dist. Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 102, 103, 104, 105/1, 105/2, 105/3), Village - Sardaman, Tehsil - Hanumana, Dist. Rewa (MP) 2.40 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 (Ekal Praman-Patr) letter no. 967 dated: 17/02/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.40 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed through google image that a natural drain on north side is in existence at a distance of approx. 120 meters and kachha road southern side at a distance of approx. 100 meters. During presentation it was submitted by PP that there are 08 trees within the lease out of which 05 will be uprooted after the approval of competent authority and additional 50 plants will be planted. During appraisal it was also observed that forest is <250 meters and Pp has

obtained approval from the competent authority in their meeting dated 14/10/20. 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 39,233 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 06.86 Lakh as capital and Rs. 03.49 Lakh/year.

**11. Case No 8242/2021 Shri Lokendra Singh Thakur S/o Shri Kamal Singh Thakur, Village - Jawar, Dist. Sehore, MP - 466001 Prior Environment Clearance for Stone Quarry in an area of 1.20 ha. (10640 cum per annum) (Khasra No. 590/520), Village - Shekhukheda, Tehsil - Jawar, Dist. Sehore (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 590/520), Village - Shekhukheda, Tehsil - Jawar, Dist. Sehore (MP) 2.40 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 (Ekal Praman-Patr) letter no. 1555 dated: 03/02/2021 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 through google image that pucca road NW side at a distance of approx. >500 meters. 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 10,640 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.36 Lakh as capital and Rs. 02.17 Lakh/year.



**12. Case No 8243/2021 Shri Ashish Barkhede S/o Shri Narayan Barkhede, Village - Devri, Post - Chandorakhurd, Tehsil - Multai, Dist. Betul, MP – 464990 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (27600 cum per annum) (Khasra No. 21/2), Village - Agariya, Tehsil - Gouharganj, Dist. Raisen (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 21/2), Village - Agariya, Tehsil - Gouharganj, Dist. Raisen (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. 2472 dated: 22/09/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.860 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed through google image that kachha road NW side thus 10 meters setback shall be left. PP submitted the revised surface plan leaving 10 meters setback vide letter dated 05/03/21 with land agreement copy. 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 27,600 cum/annum.
2. 10 meters setback shall be left from the NW side due to kachha road as per MMR, 1996.
3. A budgetary provision for Environmental management Plan of Rs. 16.46 Lakh as capital and Rs. 02.80 Lakh/year.

**13. Case No 8244/2021 Shri Jairam S/o Shri Nannulal, Village - Semari Bazayaft, Post - Ratibad, Tehsil - Huzur, Dist. Bhopal, MP – 462042 Prior Environment Clearance for Stone Quarry in an area of 2.890 ha. (20520 cum per annum) (Khasra No. 315, 316, 317), Village - Semari Bazayaft, Tehsil - Huzur, Dist. Bhopal (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 315, 316, 317), Village - Semari Bazayaft,

Tehsil - Huzur, Dist. Bhopal (MP) 2.890 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. 413 dated: 03/02/2021 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 through google image that two civil structures are in existence on the western and southern side of the lease as per recent NGT order dated 21/07/20 projects which involves blasting 200 meters area is to be left as non mining area. PP submitted that they will not carryout blasting and mining will be carried out through rock breaker and will leave 100 meters non mining area from these structures. During appraisal it was also observed that 02 more mines are in existence within 500 meters for which PP submitted that these are old leases and are not in operation and same can be verified from the previous google images. After presentation, PP was asked to submit following:

1. Commitment that rock breaker will be used for mining and no blasting shall be carried out.
2. Revised production plan leaving 100 meters area as non mining area due to structures on the western and southern side.
3. Justification for two mines within 500 meters periphery.

**14. Case No 8245/2021 Shri Sudhar Singh Yadav S/o Shri Darshanlal Yadav, R/o, Village - Kishanpur, Tehsil & Dist. Morena, MP - 476001, MP - 476001 Prior Environment Clearance for Soil Quarry in an area of 1.0140 ha. (2000 cum per annum) (Khasra No. 313/1, 313/2), Village - Kishanpur, Tehsil - Morena, Dist. Morena (MP)**

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 313/1, 313/2), Village - Kishanpur, Tehsil - Morena, Dist. Morena (MP) 1.0140 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. 120 dated: 05/02/2021 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 through google image that a canal in NE side is in existence approx 45 meters away thus 55 meters area is to be left as non mining area and a kachha road is passing on the southern side approx. 50 meters away. PP submitted that it's a soil query and no blasting is involved in this case. After presentation, PP was asked to submit following:

1. Revised production plan leaving 55 meters area as non mining area due to canal on the NE side and 45 meters setback due to road on the southern side.
2. Commitment that maximum depth shall not be more than 02 meters.
3. Commitment that chimney will not be installed on this lease.
4. Revised plantation removing arjun tree.

PP submitted the reply vide letter dated 05/03/21 and same was 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 2000 cum/annum.
2. Maximum depth shall not be >2.00 meters.
3. A budgetary provision for Environmental management Plan of Rs. 05.13 Lakh as capital and Rs. 01.43 Lakh/year.

**15. Case No 8246/2021 Shri Sunil Kumar Baghel S/o Shri Jagdish Singh Baghel, Lagharwada, Dist. Seoni, MP - 480661 Prior Environment Clearance for Stone Quarry in an area of 1.80 ha. (10668 cum per annum) (Khasra No. 1052 Part), Village - Banki, Tehsil - Seoni, Dist. Seoni (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1052 Part), Village - Banki, Tehsil - Seoni, Dist. Seoni (MP) 1.80 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. 2371 dated: 04/02/2021 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 through google image that a seasonal drain is at 50 meters and road at 70 meters on Northern 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 10,668 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.86 Lakh as capital and Rs. 02.07 Lakh/year.

**16. Case No 8247/2021 M/s Mahamrityunjay Enterprises Company, Partner, Shri Ramesh Kumar Soni, Shilpi Apartment, Flat No. 1, Vikash Colony, Infront of Axis Bank, Shilpa Plaza, Dist. Rewa, MP – 486001 Prior Environment Clearance for Stone Quarry in an area of 3.916 ha. (63058 cum per annum) (Khasra No. 8/3/2, 8/5/2), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 8/3/2, 8/5/2), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP) 3.916 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. 656 dated: 30/01/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.916 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed through google image that the lease is in two parts for which PP submitted that due to kachha road lease is bifurcated in to two parts. It was also observed during appraisal that 03 trees are in

the lease for which PP submitted that these trees will not be uprooted. Committee recommends that the part of lease on the northern side (< 1.00 ha) shall not be mined out and be used as site office and lush green area shall be developed on this part. PP was also asked to submit written commitment which was submitted by them vide letter dated 05/03/21. 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 63,058 cum/annum.
2. The part of lease on the northern side (< 1.00 ha) shall not be mined out and be used as site office and lush green area shall be developed on this part.
3. A budgetary provision for Environmental management Plan of Rs. 25.26 Lakh as capital and Rs. 02.92 Lakh/year.

**17. Case No 8252/2021 Moh. Azahrudin S/o Moh. Rashid, R/o, 549, South Miloniganj, Dist. Jabalpur, MP Prior Environment Clearance for Murrum Quarry in an area of 2.40 ha. (10002 cum per annum) (Khasra No. 73 Part), Village - Silhati, Tehsil - Majholi, Dist. Jabalpur (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 73 Part), Village - Silhati, Tehsil - Majholi, Dist. Jabalpur (MP) 2.40 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. 428 dated: 11/02/2021 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 through google image that habitation on the southern side at a distance of approx. 100 meters. PP submitted that it's a case of Murrum and blasting is not proposed. Further it was observed that there are 10 trees (08 mangos and 02 mahua) within the lease for which PP submitted that these trees will not be uprooted. 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 10,002 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.32 Lakh as capital and Rs. 01.73 Lakh/year.

**18. Case No 8257/2021 Shri Komal Dangi S/o Shri Naval Kishore Dangi, Village - Padonia, Tehsil - Biaora, Dist. Rajgarh, MP - 465661 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (3000 cum per annum) (Khasra No. 213/3/1), Village - Padonia, Tehsil - Biaora, Dist. Rajgarh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 213/3/1), Village - Padonia, Tehsil - Biaora, 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 Collector Office letter no. 1552 dated: 05/01/2021 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 through google image that a pit is in existence for which PP submitted that they got the lease in this condition and have shown the pit on surface map. 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/annum.
2. A budgetary provision for Environmental management Plan of Rs. 08.53 Lakh as capital and Rs. 01.96 Lakh/year.

**19. Case No 8248/2021 M/s A.K.Stone Products, Partner, Shri Ashish Kumar Singh, R/o, Sector-08, Rajkumari Nagar, Ayyappa Mandir, Obra, Dist. Sonbhadra, UP Prior Environment Clearance for Stone Quarry in an area of 4.90 ha. (60004 cum per annum) (Khasra No. 50, 51, 52, 53, 54, 40, 41, 45, 46, 127, 130, 132), Village - Hardi, Tehsil - Sihawal, 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. 50, 51, 52, 53, 54, 40, 41, 45, 46, 127, 130, 132), Village - Hardi, Tehsil - Sihawal, Dist. Sidhi (MP) 4.90 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. 865 dated: 21/08/2020 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 17.38 ha., including this mine.

The case was presented by the PP and their consultant and during appraisal it was observed by the committee that a canal is in existence at a distance of 170 meters on eastern side and thus its protection plan shall be discussed in the EIA report. Being it's a case Stone Quarry with total area of 17.38 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:-

- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then plan it should be clearly addressed in EIA.
- Protection plan w.r.t. canal which is approx. 170 meters in the eastern side and a river approx 60 meters as per Tehsildar report.
- 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 as Tehsildar has reported some housed and a school at a distance of 80 meters.

- 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.

**20. Case No 8249/2021 Shri Ravikumar Chandrawanshi, R/o Gram - Katangi, Post - Rajola, Tehsil - Kurai, Dist. Seoni, MP - 480880 Prior Environment Clearance for Stone Quarry in an area of 1.450 ha. (9994 cum per annum) (Khasra No.210), Village - Chargaon, Tehsil - Kurai, Dist. Seoni (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No.210), Village - Chargaon, Tehsil - Kurai, Dist. Seoni (MP) 1.450 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 (Ekal Praman-Patr) letter no. .... dated: ..... has reported that there are ..... more mines operating or proposed within 500 meters around the said mine with total area of ..... ha., including this mine.

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

**21. Case No 8254/2021 Smt. Ravindra Arora W/o Shri Kuldip Arora, 42/4, Nai Abadi, Dist. Mandsaur, MP - 458001 Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (3000 MT per annum) (Khasra No. 4/1), Village - Gujarda, Tehsil - Mandsaur, Dist. Mandsaur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4/1), Village - Gujarda, Tehsil - Mandsaur, Dist. Mandsaur (MP) 3.0 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 (Praman-Patr) letter no. 956 dated: 03/06/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation wherein during presentation PP submitted that it's a case of shall stone wherein no blasting is proposed and mining will be carried out manually. During appraisal, it was observed by the committee that windmills are in existence (approx. 150 meters) for which PP submitted that they have obtained NOC for District Akshay Urja Adhikari, Mandsaur wherein it is stated that there shall not be any damage to the 33kva transmission line and mining shall be done manually without blasting. Through google image the distance of lease and transmission line could not be established. Thus after presentation PP was asked to submit distance of transmission line from lease which shall be verified by any competent authority such as Tehsildar for further consideration.

**22. Case No 8255/2021 Shri Anshul Khare S/o Shri Arun Khare, Indrapuri Colony, Dist. Tikamgarh, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (24519 cum per annum) (Khasra No. 236/1), Village - Shrinagar, Tehsil - Tikamgarh, Dist. Tikamgarh (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 236/1), Village - Shrinagar, Tehsil - Tikamgarh, Dist. Tikamgarh (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. 1095 dated: 03/02/2021 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 and during appraisal it was observed by the committee that part of lease area is already excavated for which PP submitted that they got the lease in this condition thus committee asked to justify their statement in EIA

report. Being it's a case Stone Quarry with total area of 12.00 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then plan it should be clearly addressed in EIA.
- 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.

**23. Case No 8256/2021 M/s Venus Mining and Minerals, Partner, Shri Pawan Kumar Jain, Hotel P.S. Residency Compound, Bypass Road, Dist. Shivpuri, MP - 473551 Prior Environment Clearance for Sand Quarry in an area of 3.20 ha. (38000 cum per annum) (Khasra No. 01), Village - Khiriya Sunwai, Tehsil - Narwar, Dist. Shivpuri (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01), Village - Khiriya Sunwai, Tehsil - Narwar, Dist. Shivpuri (MP) 3.20 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 Collector Office (Ekal Praman-Patr) letter no. 5709 dated:

19/06/2020 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 as per Google image based on coordinates provided by PP, it was observed that part of lease is submerged in water and shall be left as non mining area. PP was asked to submit revised production plan leaving submerged area as non mining area, evacuation route marked on google map and EMP. PP submitted the reply vide letter dated 05/03/21 which was found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 38,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 10.91 Lakh as capital and Rs 01.81 Lakh/year as recurring are proposed by PP.

**24. Case No 8260/2021 Shri Rasmeet Singh Malhotra, Near Alka Talkies, Nehru Ward, Pipariya, Dist. Hoshangabad, MP - 461775 Prior Environment Clearance for Sand Quarry in an area of 3.40 ha. (35000 cum per annum) (Khasra No. 501), Village - Harnampur, Tehsil - Ajaygarh, Dist. Panna (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 501), Village - Harnampur, Tehsil - Ajaygarh, Dist. Panna (MP) 3.40 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 (Ekal Praman-Patr) letter no. 384 dated: 24/02/2021 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 a stop dam is between the lease for which PP submitted that 50-50 meters area will be left as non mining area and also area occupied by water. PP was asked to submit revised production plan leaving 50-

50 meters area as non mining area, evacuation route marked on google map and EMP. PP submitted the reply vide letter dated 05/03/21 which was found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 35,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.81 Lakh as capital and Rs 01.66 Lakh/year as recurring are proposed by PP.

**25. Case No 8261/2021 Shri Rasmeet Singh Malhotra, Near Alka Talkies, Nehru Ward, Pipariya, Dist. Hoshangabad, MP - 461775 Prior Environment Clearance for Sand Quarry in an area of 4.750 ha. (71250 cum per annum) (Khasra No. 01), Village - Amarchi, Tehsil - Ajaygarh, Dist. Panna (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01), Village - Amarchi, Tehsil - Ajaygarh, Dist. Panna (MP) 4.750 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. 380 dated: 24/02/2021 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 part of lease is submerged in water for which PP submitted that area occupied by water will be left as non mining area. PP was asked to submit revised production plan leaving area occupied by water as non mining area, evacuation route marked on google map and EMP. PP submitted the reply vide letter dated 05/03/21 which was found satisfactory. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 71,250 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 13.14 Lakh as capital and Rs 02.08 Lakh/year as recurring are proposed by PP.

**26. Case No 8066/2021 Shri Virendra Singh Jadoun, E-7/M-708, Arera Colony, Dist. Bhopal, MP – 462016 Prior Environment Clearance for Sand Quarry in an area of 4.0 ha. (2000 cum per annum) (Khasra No. 22), Village - Dehariya, Tehsil - Dharampuri, Dist. Dhar, (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 22), Village - Dehariya, Tehsil - Dharampuri, 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 (Ekal Praman-Patra) letter no. 1045 dated: 27/05/2020 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 is a case of river sand mining. During presentation as per Google image based on coordinates provided by PP, it was observed by the committee that two road bridges are built on highways which are located both side of the lease as in the east and west side of the lease area thus mandatory safety distances shall be left as per Monitoring and Enforcement Guidelines for sand mining, 2020 published by MoEF&CC. After presentation the committee asked to submit following details:

- Revised production plan leaving safety distances shall be left as per Monitoring and Enforcement Guidelines for sand mining, 2020 published by MoEF&CC.

PP has submitted the response of above quarries same date vide letter dated 28.01.2021, which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 2000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.27 Lakh as capital and Rs 05.67 Lakh/year as recurring are proposed by PP.

The case was discussed in 657<sup>th</sup> SEIAA meeting dated 08/02/2021 and it has been recorded that.....

“PP has submitted the response of above quarries same data vide letter dated 28/01/2021 which was placed before the committee and the same found satisfactory. Committee observed that even after deducting the volume of sand in the submerged area, the sanctioned volume of sand can be evacuated from the available dry area as per the revised plan submitted by PP. The mining shall be done as per the approved mine plan by concerned DGMs. 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-B

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

After detail discussion, As per Google image it seems that another mine also located within 500m. radius of the proposed mine lease area on Khasra No. 22 and it was also found that the EC has been issued in case no. 7209/2020 vide letter 1170-71/SEIAA/20 dtd. 19/06/2020. Thus, it seems that total area of the both mines is more than 5 ha. and it was observed that the case comes under category B1. After detail discussion it was decided that return this case with technical file SEAC for re-appraisal.

The case was scheduled in 483<sup>rd</sup> meeting dated 18/02/2021 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.

The case was scheduled 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. Earlier PP

was also absent in the SEAC 483<sup>rd</sup> meeting dated 18/02/2021 & SEAC & 484<sup>th</sup> meeting dated 24/02/2021. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**27. Case No 7335/2020 M/s Jay Ambey Mines, Village - Prakash Bamhauri, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Expansion of Stone Quarry in an area of 3.30 ha. (68800 to 150000 cum per annum) (Khasra No. 2276) at Village- Prakash Bamhauri, Tehsil- Gaurihar, District- Chhatarpur (MP)**

This is case of Expansion of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2276) at Village- Prakash Bamhauri, Tehsil- Gaurihar, District- Chhatarpur (MP) 3.30 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. 890 dated 03/6/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.3 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:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Kachha Road	Adjacent to lease.	West	Minimum 10 meters set back shall be left.
Trees	02 within lease	--	Plantation scheme. If proposed to be uprooted, 20 additional plantations shall be added in the scheme.
Pond	280	NE	Protection plan with Garland drains and settling tanks shall be provided.

PP further submits that method of mining will be opencast semi-mechanized and ultimate depth of mining will be 36m. After presentation the committee asked to submit following details:

- Being case of expansion compliance report of earlier EC conditions duly verified by the competent authority shall be submitted.
- Protection plan for nearby nallah.
- 02 trees in the lease area thus their management plan shall be submitted.

The case was discussed in 655<sup>th</sup> SEIAA meeting dtd 29/01/2021 and it has been recorded that.....As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.

PP has submitted required documents vide L.no. NIL dated NIL received in SEIAA office 22/01/2021 to relist the case as PP is now ready to present their case in SEAC, Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

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

The case was scheduled in 482<sup>rd</sup> meeting dated 17/02/2021 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.

The case was scheduled 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. Earlier PP was also absent in the SEAC 482<sup>rd</sup> meeting dated 17/02/2021 & SEAC & 484<sup>th</sup> meeting dated 24/02/2021. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.



**28. Case No. – 6532/2019 Shri Jagdish Chaturvedi S/o Ram Bihari, Badaurakalan, Gaurihar, Dist. Chhatarpur, MP. Prior Environment Clearance for Stone Mine in an area of 1.00 ha. (23,000 cum per annum) (Khasra No. 387, 388), Village - Ghatahari, Tehsil - Gaurihar, 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. 387, 388), Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP). 1.00 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. 2674 dated: 11/06/19 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine with total area of 2.950 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that it is case of expansion of production capacity from 3000 cum. per annum to 23,000 cum. per annum. PP has already obtained the EC from DEIAA in old production i.e. 3000 cum. per annum. After deliberation committee asked PP to submit earlier EC compliance report.

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
Kachcha Road	100	South-East	-

During appraisal of the project it was observed from the Google image that the lease area is already excavated for which PP submitted that it's a case of expansion from 3000 cum/year to 23,000 cum/year. After presentation the committee asked to submit following details:

- Submit earlier EC compliance report issued by DEIAA.
- Details of volume of stone excavated from the lease after DEIAA permission.
- One tree reported by PP for which details and permission letter shall be submitted.

- Commitment by PP that control blasting shall be carried out with provision of sand bags to avoid fly rocks/ trajectory.
- Undertaking that mining was done within their lease.
- Commitment that no crusher will be installed in this lease.

The case was discussed in 656<sup>th</sup> SEIAA meeting dtd 30/01/2021 and it has been recorded that..

“... As per above observation of SEAC, it has been decided to delist the case on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal. PP has submitted require documents vide L.No. nil dated 25/01/2021 received in SEIAA office 27/01/2021 to relist the case as PP is now ready to present their case in SEAC considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

The case was scheduled in 484<sup>rd</sup> meeting dated 24/02/2021 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.

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 484<sup>rd</sup> meeting dated 24/02/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**29. 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 456<sup>th</sup> 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.

The case was scheduled again for presentation in 463rd SEAC meeting dated 01/10/20 but neither the Project Proponent (PP) nor his representative remains absent. PP was also absent in the 456th meeting dated 17/09/2020. It appears that PP is not interested to continue with the project.

Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The case was discussed in 655<sup>th</sup> SEIAA meeting dtd 29/01/2021 and it has been recorded that...

As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.

PP has submitted required documents vide L.No. NIL dated 11/01/2021 received in SEIAA office 12/01/2021 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal copy to PP and all concerned.

The case was scheduled in 484<sup>th</sup> meeting dated 24/02/2021 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.

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 484<sup>rd</sup> meeting dated 24/02/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**30. Case No 8204/2021 Shri Nandkishore Sahu, R/o, SA, 362, Botrai Road Near, Tehsil - Pathariya, Dist. Damoh, MP - 470666 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (50000 cum per annum) (Khasra No. 23/1/Ka), Village - Pathariya Khas, Tehsil - Pathariya, Dist. Damoh (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/Ka), Village - Pathariya Khas, Tehsil - Pathariya, Dist. Damoh (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-Patra) letter no. Q dated 30/1/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 485<sup>th</sup> meeting dated 25/02/2021 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.

The case was presented by the PP and their consultant wherein PP submitted that its case of stone mining. 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/annum.
2. A budgetary provision for Environmental management Plan of Rs. 31.77 Lakh as capital and Rs. 04.57 Lakh/year.

**31. Case No. – 6404/2019 Shri Vivek Kumar Singh S/o Shri Arvind Kumar Singh, Village & Post - Chhitauni, Chaubeyour, Dist. Varanasi, UP – 486886. Prior Environment Clearance for Stone Quarry in an area of 2.80 ha. (24,767 cum per annum) (Khasra No. 1104), Village - Khurmucha, Tehsil - Chitrangi, Dist. Singrauli (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1104), Village - Khurmucha, Tehsil - Chitrangi, Dist. Singrauli (MP) 2.80 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. 1015 dated: 18/02/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for the presentation in 388<sup>th</sup> SEAC meeting dated 08.08.2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for the presentation and discussion in 392<sup>nd</sup> SEAC meeting dated 29/08/2019, wherein it was recorded that: As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease</b>	<b>Direction</b>	<b>Remarks</b>

	<b>area in meters</b>		
Trees (>100)	Within lease	-	

The case was presented by the PP and their consultant, wherein it was observed by committee that most part of the lease is covered by trees for which PP submits that these are shrubs and they have submitted inventory of these shrubs. PP further commit that these will be up-rooted only after approval of competent authority. After presentation, committee deliberated that as per the co-ordinates provided by the PP, the lease is located on two hillocks and most parts (> 70%) of the lease is covered with fully grown trees which are in existence since 2012. (As per the available past Google images) Only some part in the middle of the lease is available for mining. Committee further observed that Tehsildar in his Ekal Praman Patra (issued vide letter no 2947 dated 29/08/2018) has mentioned that 100 trees of “Sendha” are in existence on the lease. Committee after deliberations recommends that EC is not recommended for this case as the most parts of the lease is covered by “Sendha” trees as per the Ekal Praman Patra by Tehsildar and observed by committee through Google image.

SEIAA vide letter no 2578 dated 14/10/2019 has forwarded this case to SEAC by stating that: PP has given representation vide letter dated 13/09/2019 that no trees shall be uprooted from lease area in northern and southern part within ML. Only 5-6 trees shall require to be uprooted after taking necessary permission from the concerned Authority. PP has submitted revised calculation table showing the reduced mineable reserve considering no mining zone. Considering above, PP has requested to reconsider the case.

Based on above submission this case was placed before the committee for discussion. The case was presented PP and their consultant wherein PP submitted that in the middle of the lease some area is available for mining and the area occupied by trees will be left as non mining area. Committee after deliberation decided that Since Tehsildar in his Ekal Praman Patra (issued vide letter no 2947 dated 29/08/2018) has mentioned that 100 trees of “Sendha” are in existence on the lease, committee after deliberation decided to carry-out the site visit of the QL area for further consideration of this project and to verify the submission made by PP that some area is available for mining leaving area occupied by trees as non mining area.

PP's reply not received till date and it appears that PP is not interested to continue with the project.

Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

The case was discussed in 655<sup>th</sup> SEIAA meeting dtd. 29/01/2021 and it was recorded that..

The case was discussed in 643<sup>rd</sup> SEIAA meeting dated 16/10/2020 and it was recorded that...

The case was discussed in 461<sup>st</sup> SEAC meeting dated 06/10/2020 and it was recorded that PP reply not received till date and it appears that PP is not interested to continue with the project.

Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-1 cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will then be relist for appraisal.

PP has submitted required documents vide L.No. NIL dated 25/11/2020 received in SEIAA Office 25/11/2020 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case and send the technical file to SEAC for appraisal.

The case was scheduled in 485<sup>th</sup> meeting dated 25/02/2021 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.

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 485<sup>th</sup> meeting dated 25/02/2021. Committee decided to give last chance to PP

for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**32. Case No 8192/2021 Shri Mahendra Vys S/o Shri Manglakant Vyas, R/o, Village & Tehsil - Sardarpur, Dist. Dhar, MP Prior Environment Clearance for Stone Mine in an area of 1.0 ha. (Stone - 11640 cum per annum, Murrum & Overburden - 2400 cum per annum) (Khasra No. 636, 645), Village - Margaon, Tehsil - Sardarpur, Dist. Dhar**

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 636, 645), Village - Margaon, Tehsil - Sardarpur, Dist. Dhar (M.P.) 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 (Ekal Praman-Patra) letter no. 276 dated 03/2/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.0 ha., including this mine.

The case was scheduled in 486<sup>th</sup> meeting dated 26/02/2021 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.

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 486<sup>th</sup> meeting dated 26/02/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**33. Case No 8221/2021 M/s Nathulal Patidar, Shri Gopal S/o Shri Nathulal patidar, R/o, Village - Kanawati, Tehsil & Dist. Neemuch, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (10000 cum per annum) (Khasra No. 186/Min-2), Village - Basniya, Tehsil - Rampura, Dist. Neemuch (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 186/Min-2), Village - Basniya, Tehsil -



Rampura, Dist. Neemuch (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. Q dated 22/12/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled in 486<sup>th</sup> meeting dated 26/02/2021 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.

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 486<sup>th</sup> meeting dated 26/02/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**34. Case No 7955/2020 M/s MKC Infrastructure Ltd, Shivnagar, Anjar, Dist. Kachh, Gujarat - 370110 Prior Environment Clearance for Stone Quarry in an area of 4.90 ha. (4,00,000 cum per annum) (Khasra No. 416/1, 477, 478/1/min-2), Village - Jodma, Tehsil - Garoth, Dist. Mandsaur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 416/1, 477, 478/1/min-2), Village - Jodma, Tehsil - Garoth, Dist. Mandsaur (MP) 4.90 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. 3559 dated: 07/10/2020 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). During presentation 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 in the Mining Plan and a pucca roads are in the south and east side at a distance of 400 meter. After presentation the committee asked to submit following details:

- Revised plantation scheme as suggested by committee.
- Revised EMP as suggested by committee.
- Commitment that transportation shall be carried out by 40 ton dumpers.

PP has submitted the response of above quarries same date vide letter dated 18.12.2020, 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 of Stone as per mine plan with quantity not exceeding 4,00,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 15.17 Lakh as capital and Rs 06.65 Lakh/year as recurring cost are proposed by PP.

This case was discussed in 652<sup>nd</sup> SEIAA meeting dated 30/12/2020 and it was recorded that.....

*PP has submitted the response of above quarries same date vide letter dated 18/12/2020, which was placed before the committee and the same found satisfactory. The EMP and other submission 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*

PP/consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail. After detailed discussion and perusal of recommendations of 470<sup>th</sup> SEAC meeting dated 18/12/2020, presentation made by the PP in SEIAA, it was observed from the google earth that minerals has been excavated from the lease area, Hence it was decided to send the technical file as SEAC for reappraisal.

The case was again scheduled for presentation, wherein 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 479<sup>th</sup> SEAC meeting dated 11/02/2021. Committee decided to call the PP in subsequent meetings giving last chance to present their case.

The case was scheduled 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. Earlier PP was also absent in the SEAC 479<sup>th</sup> SEAC meeting dated 11/02/2021 & SEAC & 486<sup>th</sup> meeting dated 26/02/2021. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

The case was presented by PP and their consultant, wherein PP submitted that they have not carried out any mining activity on the allotted lease. The lease was allotted to them on 7/10/20 as Temporary Permit (TP) and got the mine plan approved from competent authority on dated 03/10/20. PP further submitted the between 2019-20, local farmers has removed the soil (0.50 meter to 1.00 meter) from allotted lease and same can be verified from pervious google images. The excavated soil is used by farmers in nearby fields for crop and they have also obtained the same in writing from them which is submitted for record. PP also submitted that now they have started the installation of crusher and site office on the lease after obtaining the permission (consent to establish-CTE) from M. P. Pollution Control Board, (MPPCB) Ujjain. (Copy enclosed). PP requested that it's a TP linked with road construction and as per OM of MoEF&CC, removal of soil is exempted from EC though it has not been removed by them. PP submitted that they have not carry out any mining on the site which can be verified by the submitted photographs and in the absence of EC work is suffering which is time targeted.

Committee referred the available google images and back google image of given coordinated to verify the statement given by PP. Committee observed that as per previous google image of Feb, 2019, the lease area is intact while as per the image of October, 2020, area in mined out and top layer is removed. Committee after hearing PP's submission with photographs, Copy of CTE obtained from MPPCB and available google images discuss that as per documents available it can be inferred that lease was sanctioned to PP in the month of Oct, 2020, wherein as per Google image lease was also mined out in the October, 2020 and within a month it is possible to carryout mining in the area. Thus committee after deliberations and in concurrence with the PP's submission recommends that submissions made by PP seem to be justified as lease was allotted to PP in October, 2020 and mining was carryout between Feb, 2019 and Oct, 2020 wherein only soil seems to be removed from

the lease area and thus case can be considered for grant of EC as per the recommendations made in the 470<sup>th</sup> SEAC meeting dated 18/12/20.

**Discussions based on query reply submitted by PP or files sent by SEIAA**

**35. Case No. – 6547/2019 M/s Rajey Minerals, Sagar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (2,00,000 cum per annum) (Khasra No. 655(P)), Village - Maheba, Tehsil - Gaurihar, 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. 655(P)), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's Office letter No.1943 dated: 08/04/2019 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine total area of 9.122 ha., including this mine.

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

- That the lease area is falling on the hillock and this hillock where lease area is falling is having height of approximately 27 meters (Highest elevation 173 m R.L & Lowest elevation = 146 m R.L )
- Also to carry out mining of stone is in such a peculiar situation where gradient is to high involve lots of risks.
- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight careless may threat to life of labors.
- Green area is also observed on this lease area.

PP and their consultant has no explanation how the mining will carried out in such situation where the height of hill is approx. 27 meters and what are the sensitive features around the lease. Thus committee after deliberations decided to carryout site visit by a sub-committee of this mine and TOR will be recommended after the site visit report.

The case was scheduled in 481<sup>st</sup> meeting dated 16/02/2021 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 discuss the case in the next meeting as TOR has been recommended by SEAC and subsequently approved by the SEIAA.

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 481<sup>st</sup> meeting dated 16/02/2021 & SEAC & 486<sup>th</sup> meeting dated 26/02/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC otherwise case will be decided on the basis of documentary evidences.

The case was presented by the PP wherein PP submitted that they have obtained all the necessary permissions for lease allotment such as NOC from Gram Sabah, Tehsildar, Mining Officer, Forest Department and only after these NOC & permissions lease was allotted to them by the competent authority (District Collector). PP further submitted that they are being harassed some people and they are making false complaints. PP submitted that if there any issues comeup related to environmental sensitivity same will be addressed by the in the EIA report as SEAC and SEIAA has issued TOR to them for conducting EIA studies. PP requested that complainants has requested that the allotted lease shall be cancelled on the basis of issues raised by them and cancellation of lease is not under the pervuew of SEAC and SEIAA thus this complaint shall be sent to concerned District Collector of verification of facts and taking decision of lease cancellation in the light of issues raised by the complainants. Committee after deliberations recommends that complaint is regarding cancellation of lease on the basis of issues raised hence same shall be forwarded by SEIAA to concerned District Collector for onward necessary action.

**36. Case No. – 6536/2019 M/s Rajey Minerals, Sagar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Mine in an area of 5.30 ha. (2,50,000 cum per annum) (Khasra No. 689), Village - Maheba, Tehsil - Gaurihar, 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. 689), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.00 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's Office letter No.1946 dated: 08/04/2019 has reported that there are 07 more mine operating or proposed within 500 meters around the said mine total area of 24.00 ha., including this mine.

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

- That the lease area is falling on the hillock and this hillock where lease area is falling is having height of approximately 45 meters (Highest elevation 200 m R.L & Lowest elevation = 155 m R.L )
- Also to carry out mining of stone is in such a peculiar situation where gradient is too high involve lots of risks.
- Committee opinion that, in this area serious issue of slope stability and deployment of men and machine, slight carelessness may threaten the life of laborers.
- Green area is also observed on this lease.
- Human settlement on the North and East side.
- A water body on the southern side.

PP and their consultant has no explanation how the mining was carried out in such a situation where the height of hill is approx. 45 meters and what are the sensitive features around the lease. Thus committee after deliberations decided to carry out site visit by a sub-committee of this mine and TOR will be recommended after the site visit report.

The case was scheduled in 481<sup>st</sup> meeting dated 16/02/2021 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 discuss the case in the next meeting as TOR has been recommended by SEAC and subsequently approved by the SEIAA.

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 481<sup>st</sup> meeting dated 16/02/2021 & SEAC & 486<sup>th</sup> meeting dated 26/02/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC otherwise case will be decided on the basis of documentary evidences.

The case was presented by the PP wherein PP submitted that they have obtained all the necessary permissions for lease allotment such as NOC from Gram Sabah, Tehsildar, Mining Officer, Forest Department and only after these NOC & permissions lease was allotted to them by the competent authority (District Collector). PP further submitted that they are being harassed some people and they are making false complaints. PP submitted that if there any issues comeup related to environmental sensitivity same will be addressed by the in the EIA report as SEAC and SEIAA has issued TOR to them for conducting EIA studies. PP requested that complainants has requested that the allotted lease shall be cancelled on the basis of issues raised by them and cancellation of lease is not under the perview of SEAC and SEIAA thus this complaint shall be sent to concerned District Collector of verification of facts and taking decision of lease cancellation in the light of issues raised by the complainants. Committee after deliberations recommends that complaint is regarding cancellation of lease on the basis of issues raised hence same shall be forwarded by SEIAA to concerned District Collector for onward necessary action.

**37. Case No 8190/2021 Shri Ashok Kumar Mittal S/o Shri Samarthmal Mittal, 109, Dashrath Nagar, Dist. Mandsaur, MP – 458001 Prior Environment Clearance for White Shale Stone Mine in an area of 0.59 ha. (2200 MT per annum) (Khasra No. 1374, 1375, 1376), Village - Kangheti, Tehsil - Malhargarh, Dist. Mandsaur (MP)**

This is case of White Shale Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1374, 1375, 1376), Village - Kangheti, Tehsil - Malhargarh, Dist. Mandsaur (MP) 0.59 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. 162 dated: 15/01/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 25.49 ha., including this mine.

The case was presented by the PP and their consultant wherein PP submitted that it's a case of white shale stone mining, using for slate pencil industry and no blasting is proposed. Further, PP quitted MO letter vide no. 162 dated: 15/01/2021 that 01 mine is existed within 500 meter, which is area of 24.90 ha. , which is non – operative since the year 2016. Hence ,this are shall be counted in the light OM S.O. 2269 (E) dated 01<sup>st</sup> July 2016 . After presentation the committee asked to submit following details:

- Mining Officer Statement that the lease is not in operation since the year 2016.

PP has submitted the response of above quarries same date vide letter dated 26.02.2021, 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 of Stone as per mine plan with quantity not exceeding 2200 MT per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.16 Lakh as capital and Rs 01.59 Lakh/year as recurring cost are proposed by PP.

**38. Case No 8193/2021 Shri Dhiraj Dixit, B-7, Apexchankyapuri, Dist. Dhar, MP - 454001 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (16,000 cum per annum) (Khasra No. 52), Village - Diglay, Tehsil - Dhar, Dist. Dhar (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 52), Village - Diglay, Tehsil - Dhar, Dist. Dhar (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. 1547 dated 07/8/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.0 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of Murrum thus no blasting is proposed. After presentation the committee asked to submit following details:

- Revised plantation scheme @ 1500 trees/ha as suggested by committee.
- Revised water balance scheme.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 01.03.2021, 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 of Murrum Quarry as per mine plan with quantity not exceeding 16,000 cum per annum
2. A budgetary provision for Environmental management Plan of Rs. 4.43 Lakh as capital and Rs 2.98 Lakh/year as recurring cost are proposed by PP.

**39. Case No 8240/2021 M/s Kaira Construction, Patner Shri Ashutosh Agrawal, Agrawal Mils, Aurangpura Square, Dist. Khargone, MP – 451001 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (20,000 cum per annum) (Khasra No. 812/1, 812/2, 812/3), Village - Akawalya, Tehsil - Khargone, Dist. Khargone (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 812/1, 812/2, 812/3), Village - Akawalya, Tehsil - Khargone, Dist. Khargone (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. 512 dated 25/1/2021 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 appraisal it was submitted by PP that it's a case of stone mining. After presentation PP was asked to submit following details:

1. Readable copy of Khasra panchshala.
2. Space available at pit bottom.
3. Management plan of Murrum as 01 meter Murrum is available.
4. Location of crusher on surface map.
5. Revised plantation @ 1500 plants/ha and plantation species.
6. Revised water balance as suggested by committee.
7. Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 01.03.2021, 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 of Stone Quarry as per mine plan with quantity not exceeding 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.43 Lakh as capital and Rs 3.13 Lakh/year as recurring cost are proposed by PP.

**40. 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.

Case was scheduled in SEAC meeting wherein PP remains absent. Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please.

Case relist by SEIAA vide letter no. 5714 dated 19/1/21 “ *PP could not present the case in SEAC due to some unavoidable circumstances hence PP has submitted a request letter vide dated 22/12/2020 received in SEIAA Office 22/12/2020 to relist the case as PP is now ready to present their case in SEAC. Considering the request of PP, it was decided to relist the case.*

The case was presented by the PP and their consultant wherein it was observed by the committee that it's a case of stone also some trees (approx. 04) are in existence, surface drain at 60 meters in the south side. Further in the Tehsildar letter no. 1075 dated 06.07.20 it is mentioned that L&T's underground irrigation pipeline is passing in 0.0 meter distance. After presentation the committee asked to submit following details:

- Justification with surface map w.r.t. L&T's underground irrigation pipeline is passing in 0.0 meter distance and if the same is passing through lease area its protection plan.

PP has submitted the response of above quarries same date vide letter dated 04.03.2021, which was placed before the committee wherein committee observed that the distance of NTPC pipeline from the lease is 230 meters 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 of Stone Quarry as per mine plan with quantity not exceeding 15,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.35 Lakh as capital and Rs 1.87 Lakh/year as recurring cost are proposed by PP.

**41. Case No 7924/2020 M/s N.K.C. Project Pvt. Ltd, Managar, Shri Praveer Singh, R/o Pink Avenue, Babya Road, Dist. Hoshangabad, MP Prior Environment Clearance for Stone Quarry in an area of 2.808 ha. (Expansion 20580 to 200002 cum per annum) (Khasra No. 32/8), Village - Khandabad, Tehsil - Budhni, Dist. Sehore (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 32/8), Village - Khandabad, Tehsil - Budhni, Dist. Sehore (MP) 2.808 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. 319 dated: 20/5/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.616 ha., including this mine.

The case was presented by the PP and their consultant during appraisal of document it was observed that it is a case of expansion of Stone Quarry from 20,580 to 2,00,002 cum per

annum. The committee asked PP to submit following details for further consideration of the project:

- EC compliance report issued by MoEF&CC.
- Copy of last 06 monthly compliance report submitted by PP.
- Space available at pit bottom and ultimate depth of mine pit.

PP has submitted the response of above quarries same date vide letter dated 04.03.2021, which was placed before the committee wherein committee observed that PP has obtained compliance report from the MoEF&CC issued vide letter dated 26/02/21 and the compliance reported by competent authority is satisfactory as no non compliance is reported. The 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 subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone Quarry as per mine plan with quantity not exceeding 2,00,002 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.31 Lakh as capital and Rs 04.18 Lakh/year as recurring cost are proposed by PP.

**42. Case No 7925/2020 M/s N.K.C. - C.D.S. (JV), C/o Shri Pradeep Kumar Bhattacharya, R/o Pink Avenue, Babya Road, Dist. Hoshangabad, MP – 466445 Prior Environment Clearance for Stone Quarry in an area of 1.808 ha. (Expansion 20,000 to 100000 cum per annum) (Khasra No. 32/8), Village - Khandabad, Tehsil - Budhni, Dist. Sehore (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 32/8), Village - Khandabad, Tehsil - Budhni, Dist. Sehore (MP) 1.808 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. 318 dated: 20/5/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.616 ha., including this mine.

The case was presented by the PP and their consultant during appraisal of document it was observed that it is a case of expansion of Stone Quarry from 20,000 to 1,00,000 cum per

annum cum per annum . The committee asked PP to submit following details for further consideration of the project:

- EC compliance report issued by MoEF&CC.
- Copy of last 06 monthly compliance report submitted by PP.
- Space available at pit bottom and ultimate depth of mine pit.

PP has submitted the response of above quarries same date vide letter dated 04.03.2021, which was placed before the committee wherein committee observed that PP has obtained compliance report from the MoEF&CC issued vide letter dated 26/02/21 and the compliance reported by competent authority is satisfactory as no non compliance is reported. The 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 subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone Quarry as per mine plan with quantity not exceeding 1,00,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 09.22 Lakh as capital and Rs 03.53 Lakh/year as recurring cost are proposed by PP.

**43. Case No 7487/2020 M/s Shreeji Infrastructure India Pvt. Ltd, Shri Pranav Pratap Singh, 1180, University Road, Pachpedi, South Civil Lines, Dist. Jabalpur, MP – 482001 Prior Environment Clearance for Stone Quarry in an area of 3.250 ha. (107692 cum per annum) (Khasra No. 307/3/KA), Village - Lilauri, Tehsil - Raghurajnagar, Dist. Satna (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 307/3/KA), Village - Lilauri, Tehsil - Raghurajnagar, Dist. Satna (MP) 3.250 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. 1583 dated: 14/08/2020 has reported that there are 02 more mines (01 mine of Lime Stone- area: 13.354 ha. & 01 mine of Stone - area: 1.213 ha Total area (if considering only Homogeneous Mineral than total area shall be = 3.250 + 1.213 = 4.463 hac.) operating or proposed within 500 meters around the said mine with total area of 4.463 ha., including this mine.

The case was presented by the PP and their consultant in the SEAC 454<sup>th</sup> SEAC meeting dated 29-08-20 wherein PP stated that this is a case of Stone Quarry lease was obtained under temporary permit (TP) with two years validity, applied for expansion from 35,861 cum per annum to 1,07,692 cum per annum. During presentation it was also observed that M.O. vide letter dated 14.08.2020 has mentioned that within 500 meters 02 more mines (01 mine of Limestone- area: 13.354 ha. & 01 mine of Stone - area: 1.213 ha. Total area=4.463 hac (if considering only Homogeneous Mineral, than total area shall be = 3.250 +1.213) Hence, as per MoEF&CC S.O. 2269 (E), dated 01.07.2016 only homogeneous minerals shall be counted under cluster definition. Hence, area of Limestone mine shall not be counted which is of 13.354 ha. and only Homogeneous Mineral shall be considered, then total area shall be = 3.250 +1.213 this mine is considered which <5.0 ha. and not came in cluster definition. After presentation, the committee asked to submit following details for further consideration of the project:

- Compliance report of earlier EC issued from competent authority.

Delist recommended in 464<sup>th</sup> SEAC meeting dated 03/10/2020. PP's reply not received till date and it appears that PP is not interested to continue with the project. Since the tenure of SEAC will be over on 09 October, 2020 and all such cases which are pending at SEAC will become category-I cases in the absence of SEAC. Thus case file is being sent to SEIAA for onward necessary action please. The case was discussed in 655<sup>th</sup> SEIAA meeting dtd. 29/01/2021 and it was recorded that "As per above observation of SEAC, it has been decided to delist above cases mentioned in S.No. 81 to 132 on the condition that if PP intends to present the case in SEIAA, it will than the relisted for appraisal".

PP has submitted required documents vide L.No. NIL dated 20/01/2021 received in SEIAA Office on 20/01/2021 to relist the case as PP as now ready to present their case in SEAC considering the request of PP, it was decided to relist the case and send the technical file to SEAC.

The case was presented by the PP and their consultant in 485<sup>th</sup> SEAC meeting dated 25/02/21 wherein it was observed by the committee that PP has submitted the compliance of earlier EC conditions issued by MoEF&CC vide letter no. 046 dated 19/01/21. During discussion it was observed by the committee that MoEF&CC has reported that out of 63 conditions 07 are not complied (NC) by the PP. Committee after deliberations asked PP to

submit comprehensive reply for NC's reported by MoEF&CC and proposed action plan for their implementation.

PP vide letter dated 04/03/21 submitted the reply which was placed before the committee. During discussion consultant and PP were also present. PP submitted that the mine is not in operation since last five months and that's why some non compliance was reported. However, now they will comply all the EC condition as mine becomes operational and apologize for the NC's reported by competent authority. 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 of Stone Quarry as per mine plan with quantity not exceeding 1,07,692 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.83 Lakh as capital and Rs 10.31 Lakh/year as recurring cost are proposed by PP.

**(Dr. Mohd. Akram Khan)**  
**Member**

**(Dr. R. Maheshwari)**  
**Member**

**(Dr. Rubina Chaudhary)**  
**Member**

**(Dr. Sonal Mehta)**  
**Member**

**(Dr. J. P. Shukla)**  
**Member**

**(Dr. Anil Sharma)**  
**Member**

**(A. A. Mishra)**  
**Secretary**

**(Mohd. Kasam Khan)**  
**Chairman**

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

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murram and Soil quarries:**

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and 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".
24. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
25. Mining Lease boundary shall be appropriately earmarked with fencing.
26. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner's Name, Contact details etc.
  - b. Mining Lease area of the project (in ha.)
  - c. Production capacity of the project.

**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 1/4<sup>th</sup> 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".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Mining Lease boundary shall be appropriately earmarked with fencing.
29. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner's Name, Contact details etc.
  - b. Mining Lease area of the project (in ha.)
  - c. Production capacity of the project.
28. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
  - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.

- ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
- iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
- iv. The sand quarrying shall not be carried out below the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
- v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
- vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
- vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
- viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
- ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.

**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".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. Mining Lease boundary shall be appropriately earmarked with fencing.
27. A display board with following details of the project is mandatory at the entry to the mine.
  - a. Lease owner's Name, Contact details etc.

- b. Mining Lease area of the project (in ha.)
- c. Production capacity of the project.

**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.