

The 532nd meeting of the State Expert Appraisal Committee (SEAC) was held on 07th December, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

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

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

1. **Case No 8812/2021 M/s Ashtvakra IT Solutions Limited, Authorized Person - Shri Rahul Singh, B-21, Master Mind, S.N. 169 (P), Royal Palms Estate, Aray Colony, Bhandup, Mumbai, Mumbai City, Maharashtra-400078 Prior Environment Clearance for Sand Quarry in an area of 4.68 ha. (39600 Cum per annum) (Khasra No. 719), Village - Indri, Tehsil - Nainpur, Dist. Mandla (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 719), Village - Indri, Tehsil - Nainpur, Dist. Mandla (MP) 4.68 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ashish Kumar Gupta on behalf of PP. PP stated that this is a case of river sand mining on Banjar River. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1657 dated 22/10/2021 there are no more mines operating or proposed within 500 meters around the said mine. Further, in the above mentioned Ekle Praman-patra, it is mentioned that forest is < 250 m from the lease boundary for which conditional approval has been given from Divisional Commissioner Level Forest Committee in their meeting dated 24.08.2021 with following conditions:

- Transportation/ evacuation of sand shall be carried out from the Revenue land only no transportation shall be done from the forest land.

As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	Within lease	Eastern	Shall be left this area as non- mining area.
Road Bridge on State highway	460	North	Lease is located at U/S of road bridge.

During presentation it was observed by the committee from the Google image that the proposed evacuation route is passing through the forest area which is not in accordance with the approval given by the Divisional Commissioner Level Forest Committee and PP must ensure that evacuation of sand shall be carried out only from the Revenue land. After presentation committee asked PP to submit following information & commitments:

- For evacuation of sand, forest area must be avoided thus PP shall propose 02-03 alternate sand evacuation routes on Google map and get most suitable route approved from the concerned DFO avoiding forest area or proper road built for the purpose by PWD.
- Commitment that water shall be procured through Gram Panchayat after their approval.
- The eastern part of lease is occupied by some trees thus their inventory shall be provided and same shall be proposed as non mining area.

2. Case No 8813/2021 M/s Ashtvakra IT Solutions Limited, Authorized Person - Shri Rahul Singh, B-21, Master Mind, S.N. 169 (P), Royal Palms Estate, Aray Colony, Bhandup, Mumbai, Mumbai City, Maharashtra-400078 Prior Environment Clearance for Sand Quarry in an area of 2.0 ha. (18400 Cum per annum) (Khasra No. 450), Village - Chhibla Tola, Tehsil - Ghughri, Dist. Mandla (MP) RQP Shri Ashish Kumar Gupta

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 450), Village - Chhibla Tola, Tehsil - Ghughri, Dist. Mandla (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ashish Kumar Gupta on behalf of PP. PP stated that this is a case of river sand mining on Budner River. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1654 dated 22/10/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha. including this mine. Further, in the above mentioned Ekle Praman-patra, it is mentioned that forest is < 250 m from the lease boundary for which conditional approval has been given from Divisional Commissioner Level Forest Committee in their meeting dated 14.06.2021 with following conditions:

- Transportation/ evacuation of sand shall be carried out from the Revenue land only no transportation shall be done from the forest land.

As per Google image based on online KML file uploaded by PP, Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Part of the area under submergence	Within lease		PP submitted, the current image is of rainy season and lease area is dry which can be confirmed from the past image.
Pucca road	180	West	-

During presentation it was observed by the committee from the Google image that from the proposed evacuation route it could not be established that it is not passing through the forest area as per the approval given by the Divisional Commissioner Level Forest Committee and PP should must ensure that evacuation of sand shall be carried out only from the Revenue land. After presentation committee asked PP to submit following information & commitments:

- For evacuation of sand, forest area must be avoided thus PP shall propose 02-03 alternate sand evacuation routes on Google map and get most suitable route approved from the concerned DFO avoiding forest area or proper road built for the purpose by PWD.

- Commitment that water shall be procured through Gram Panchayat after their approval.
- Photographs of lease verifying availability of sand and area under submergence shall be left as non mining area and accordingly revised plan shall be submitted.

3. Case No 8814/2021 M/s Ashtvakra II Solutions Limited, Authorized Person - Shri Rahul Singh, B-21, Master Mind, S.N. 169 (P), Royal Palms Estate, Aray Colony, Bhandup, Mumbai, Mumbai City, Maharashtra-400078, Prior Environment Clearance for Sand Quarry in an area of 1.440 ha. (21600 Cum per annum) (Khasra No. 1), Village - Bhadiya, Tehsil - Mandla, Dist. Mandla (MP) RQP Shri Ashish Kumar Gupta

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1), Village - Bhadiya, Tehsil - Mandla, Dist. Mandla (MP) 1.440 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ashish Kumar Gupta on behalf of PP. PP stated that this is a case of river sand mining on Banjar River. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1656 dated 22/10/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. Further, in the above mentioned Ekle Praman-patra, it is mentioned that forest is < 250 m from the lease boundary for which conditional approval has been given from Divisional Commissioner Level Forest Committee in their meeting dated 24.08.2021 with following conditions:

- Transportation/ evacuation of sand shall be carried out from the road built under PMGSY only no transportation shall be done from the forest land.

As per Google image based on online KML file uploaded by PP, Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Road Bridge on State highway	510	North	Maintain distance per Enforcement & Monitoring Guidelines for Sand Mining, 2020.

During presentation it was observed by the committee from the Google image that from the proposed evacuation route it could not be established that it is not passing through the forest area as per the approval given by the Divisional Commissioner Level Forest Committee and PP should must ensure that evacuation of sand shall be carried out only from road built under PMGSY or PWD. After presentation committee asked PP to submit following information & commitments:

- For evacuation of sand, forest area must be avoided thus PP shall propose 02-03 alternate sand evacuation routes on Google map and get most suitable route approved from the concerned DFO avoiding forest area or proper road built for the purpose by PWD.
- Commitment that water shall be procured through Gram Panchayat after their approval.

4. Case No 8815/2021 M/s Ashtvakra II Solutions Limited, Authorized Person - Shri Rahul Singh, B-21, Master Mind, S.N. 169 (P), Royal Palms Estate, Aray Colony, Bhandup, Mumbai, Mumbai City, Maharashtra-400078, Prior Environment Clearance for Sand Quarry in an area of 3.70 ha. (40500 Cum per annum) (Khasra No. 370), Village - Bakchheradauna, Tehsil - Mandla, Dist. Mandla (MP) RQP Shri Ashish Kumar Gupta

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 370), Village - Bakchheradauna, Tehsil - Mandla, Dist. Mandla (MP) 3.70 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ashish Kumar Gupta on behalf of PP. PP stated that this is a case of river sand mining on Narmada River. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1655 dated 22/10/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. Further, in the above mentioned Ekle Praman-patra, it is mentioned that forest is < 250 m from the lease boundary for which conditional approval has been given from Divisional Commissioner Level Forest Committee in their meeting dated 24.08.2021 with following conditions:

- Transportation/ evacuation of sand shall not be carried out from the forest land.

As per Google image based on online KML file uploaded by PP, Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Part of the area under submergence	Within lease	Eastern side	In stream mining is not permitted.
Pucca road	180	West	-

It was observed that committee that part of the lease area is under submergence in the eastern side and being in stream mining is not allowed this area shall be left as non-mining area and only manual mining shall be carried out in Narmada River. PP submitted this area has already been left as non-mining area in the approved mining plan wherein out of 3.7 ha., mining is proposed only in the 2.7 ha., area. During presentation it was observed by the committee from the Google image that from the proposed evacuation route it could not be established that it is not passing through the forest area as per the approval given by the Divisional Commissioner Level Forest Committee and PP should must ensure that evacuation of sand shall be carried out only from road built under PMGSY or PWD. After presentation committee asked PP to submit following information & commitments:

- For evacuation of sand, forest area must be avoided thus PP shall propose 02-03 alternate sand evacuation routes on Google map and get most suitable route approved from the concerned DFO avoiding forest area or proper road built for the purpose by PWD.
- Commitment that water shall be procured through Gram Panchayat after their approval.
- Being River Narmada commitment that only manual mining shall be carried out.

5. Case No 8816/2021 M/s Ashtvakra IT Solutions Limited, Authorized Person - Shri Rahul Singh, B-21, Master Mind, S.N. 169 (P), Royal Palms Estate, Aray Colony, Bhandup, Mumbai, Mumbai City, Maharashtra-400078 Prior Environment Clearance for Sand Quarry in an area of 1.0 ha. (11200 Cum per annum) (Khasra No. 100), Village - Baheri, Tehsil - Nainpur, Dist. Mandla (MP) RQP Shri Ashish Kumar Gupta

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 100), Village - Baheri, Tehsil - Nainpur, Dist.

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

The case was presented by RQP Shri Ashish Kumar Gupta on behalf of PP. PP stated that this is a case of river sand mining on Banjar River. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee.

It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1658 dated 22/10/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. Further, in the above mentioned Ekle Praman-patra, it is mentioned that forest is < 250 m from the lease boundary for which conditional approval has been given from Divisional Commissioner Level Forest Committee in their meeting dated 24.08.2021 with following conditions:

- Transportation/ evacuation of sand shall be carried out from the road built under PMGSY only no transportation shall be done from the forest land.

During presentation it was observed by the committee from the Google image that from the proposed evacuation route it could not be established that it is not passing through the forest area as per the approval given by the Divisional Commissioner Level Forest Committee and PP should must ensure that evacuation of sand shall be carried out only from road built under PMGSY or PWD. After presentation committee asked PP to submit following information & commitments:

- For evacuation of sand, forest area must be avoided thus PP shall propose 02-03 alternate sand evacuation routes on Google map and get most suitable route approved from the concerned DFO avoiding forest area or proper road built for the purpose by PWD.
- Commitment that water shall be procured through Gram Panchayat after their approval.

6. Case No 8796/2021 M/s. P.S.Stone, Shri Vinod Sharma S/o Shri Brajnarayan Sharma, Baheriya, Tehsil - Isagarh, Dist. Ashoknagar, MP Prior Environment Clearance for Stone Quarry in an area of 1.689 ha. (18430 Cum per annum) (Khasra No. 378), Village - Lahadpur, Tehsil - Isagarh, Dist. Ashoknagar (MP) RQP Swati Namdeo, Bhopal.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 378), Village - Lahadpur, Tehsil - Isagarh, Dist. Ashoknagar (MP) 1.689 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 492 dated 16/03/2021 has reported that there are 15 more mines operating or proposed within 500 meters around the said mine with total area of 47.876 ha., including this mine. Being it's a case Stone Quarry with total area of 47.876 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:-

- Cumulative impact on air, water, noise & traffic shall be incorporated in final EIA Report of all the mining activities.
- A water body is located in the north side at 2KM distance PP shall include this water body for water sampling analysis.
- 02 Seasonal drainage are originating from the mid of the lease area thus their management plan shall be discussed in the EIA report.
- Soil profile study shall be carried -out.
- Crusher is installed in the adjoining lease which belong to same PP as informed during presentation and mined out mineral from this lease will be crushed in this crusher, thus APCD shall be installed in this crusher shall be discussed in the EIA report.
- 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. water body which is in the North & a temple at a distance of 700 meters. Also the evacuation route of mine and access route of temple shall not be the same.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.
- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.

7. Case No 8801/2021 Shri Manvendra Singh Bundela, R/o Khargapur kila , Tehsil-Khargapur, Dist. Tikamgarh, MP - 472115 Prior Environment Clearance for Stone Quarry in an area of 1.790 ha. (12000 Cum per annum) (Khasra No. 256), Village - Khargapur, Tehsil - Khargapur, Dist. Tikamgarh (MP) RQP Swati Namdeo, Bhopal.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 256), Village - Khargapur, Tehsil - Khargapur, Dist. Tikamgarh (MP) 1.790 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2386 dated 09/11/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP, another mine is existed within 500 m, whereas MO no more mines operating or proposed within 500 meters. Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	Adjacent some part within lease	West	10 m set back either side Shall be left this area as non- mining area with right to access.

During presentation as per Google image it was observed by committee that in the north side 02 more mine are existed within 500 meters around the said mine however , M.O.

stated that only 01 mine operating or proposed hence, PP was asked to submit M.O. clarification about other mine. After presentation the committee asked to submit following details:

- PP commitments that 10 m set back either side shall be left this area as non-mining area with right to access w.r.t Kachcha road is adjacent to lease area and some part within lease.
- Correction in GR & MR figures in from-2.
- MO clarification regarding existence of other mine within 500 meters.

8. Case No 8802/2021 Shri Prithvi Singh Chouhan, House No. 17, Village - Patra, Tehsil - Pathari, Dist. Vidisha, MP - 464228, Prior Environment Clearance for Flag Stone Quarry in an area of 1.50 ha. (6000 Cum per annum) (Khasra No. 59/2), Village - Patra, Tehsil - Pathari, Dist. Vidisha (MP) RQP Shri Ram Milan Pathak, Bhopal.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 59/2), Village - Patra, Tehsil - Pathari, Dist. Vidisha (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 5458 dated 27/08/2021 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.50 ha., including this mine. Mining shall be carried out by Open cast manual method & No drilling & blasting required as it is Flagstone Quarry. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
03 tree	Within lease area		No Tree felling is proposed PP shall left non- mining area up to tree canopy cover for trees which is in the mining area.
Human settlement	460	West	Protection plan and proposal of three rows of plantation.

After presentation the committee asked to submit following details:

- Revised surface map showing non- mining area occupied by tree.
- Revised Plantation scheme as suggested by committee for within non- mining area, barrier zone and evacuation route and in the village as follows:

PP has submitted the response of above quarries same date vide letter dated 07.12.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.8.17 Lakh as capital and Rs. 03.26 Lakh/year.
3. As proposed, a minimum of 1800 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

S. No.	Activity	Cost
1.	04 LPG filling gas Cylinder (@1000/-) to mine workers. (preference Mine worker)	4,000/-
2.	One computer and one printer will be provided to gram panchayat Patra.	25,000/-
3.	400 Fruit Bearing Plants (@50/-) (Aonla, Mango, Munga, Kathal, Imli, Guava, Papaya, Lemon, Harra, Bahera, Jamun) will be distribute in one year in village Patra. (This activity will be done under the "Ankur Yojana" of the Government of Madhya Pradesh.	20,000/-
4.	Every year one awareness cum medical camp will be organised in Gram Panchayat Patra for general medical examination of villagers specifically for diabetes, blood pressure & during this camp awareness will also be made for oral hygiene.	25,000/-
TOTAL		74,000/-

9. **Case No 8817/2021 Smt. Dolly Sharma W/o Shri Raman Sharma, Near Kajol Talkies, Falka Bazar, Lashkar, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (27048 Cum per annum) (Khasra No. 3921), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP) Env. Consultant Apex Min Tech. Udaypur, Rajasthan.**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 3921), Village - Biloua, Tehsil - Dabra, Dist. Gwalior (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

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

10. **Case No 8819/2021 GHV (India) Pvt. Ltd, Project Manager, Shri Ashok Kumar Sharma, AML Center, 1, Mahakali Caves road, Near Travller Hotel, Near Paper work Factory, Andheri East, Dist. Mumbai, Mah., Prior Environment Clearance for Stone & Murrum Quarry in an area of 2.0 ha. (Stone - 45000 Cum per annum, Murrum - 15000 Cum per annum) (Khasra No. 1326/4 min-2 Part), Village - Soyatkalan, Tehsil - Susner, Dist. Agar Malwa (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal.**

This is case of Stone & Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1326/4 min-2 Part), Village - Soyatkalan, Tehsil - Susner, Dist. Agar Malwa (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1107 dated 22/10/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP further stated that this lease was obtained under temporary permit (TP) with two and half years validity. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	180	South	Protection plan with three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- PP's commitment that Plantation within non- mining area, barrier zone and evacuation rout and in the village shall be carried out within 01 year.
- Propose revised bifurcation of plantation scheme & species as suggested by committee (Adding local native species such as Local Karonda Varity and Jharul) with fencing status:

Area	Type of species
In Barrier zone Area-	Spacing – 45cm X45cm trench for Sowing of seeds of Neem, Prosopis, Subabool, Gurmar Bel Sitaphal, Babool, Safed Kastar, Kachnar, Local Karonda Varity etc.
In Non-mining Area-	Spacing - 3m X3m with plantation of Neem, Sitaphal, Babool, Safed Kastar, Kachnar, Chirol , Sishoo, Amla, Karanj, Jungle Jalebi etc..
Approach Road	Chirol, Jungle Jalebi, Katang Bans and other native species etc.
Stadium	Putran jeeva, Kadam, Kachnar, Bargad, Jharul etc.

- Revised EMP with budgetary provision of additional plantation.
- Revised CER- Propose additional proposal of oral hygiene in the local village as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 07.12.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 45,000 Cum per annum, Murum – 15,000 Cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.13.91 Lakh as capital and Rs. 03.00 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme in the initial first year of mining being TP.
4. Under CER following activities were submitted by PP:

Activity	Cost
<ul style="list-style-type: none"> ▪ Distribution of 30 nos of desk bench in village government middle school of Soyatkala ▪ Distribution of 500 fruits bearing trees & fodder grass like Imli, Keth, amla, Kathal, Munga and Mango etc to villagers of Soyatkalan for planting. ▪ Distribution of Masks 1500 nos and Sanitizers 200 nos to villagers of Soyatkalan due to Covid-19. ▪ Awareness programme related to Climate and Oral Health Environment at Soyatkalan . 	1,00,000/- 25,000/- 15,000/- 10,000/-
Total	1,50,000/-

11. Case No 8822/2021 Shri Dharmendra Tiwari S/o Shri Chotelal Tiwari, Village- Rajauaa Tehsil- Sagar, District- Sagar, MP – 470001 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (20385 Cum per annum) (Khasra No. 303), Village - Rajauaa, Tehsil - Sagar, Dist. Sagar (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal.

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 303), Village - Rajauaa, Tehsil - Sagar, Dist. Sagar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1698 dated 24/11/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.65 ha. including this mine. During presentation PP submitted that since it is a Murrum Quarry where no drilling & blasting is proposed. Mining shall be done through Opencast Semi Mechanized Method. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road &	310	East	Three rows of Plantation.

habitation			
Root stocks	Within lease	North-East	Root stocks Management plan and 35 setbacks.

The committee asked PP for protecting of root stocks leave non- mining area in the north- eastern side where root stocks are sporadically existed. After presentation the committee asked to submit following details:

- In form II, Point no. 32, revised budget for plantation.
- Revise surface map showing non- mining area in the north-eastern side where root stocks are sporadically existed.
- Propose revised following bifurcation of plantation scheme & species as suggested by committee with fencing status.

Area	Type of species
In Non-mining Area-	Spacing - 3m X3m with plantation in 03 rows with pit size 60cm ³ of Neem, Sitaphal, Babool, Safed Kastar, Kachnar, Chorol , Sishoo, Amla, Karanj, Jungle Jalebi, Khamar, Kachnar etc.
In Barrier zone Area along the fencing on the trench (45cm x 45cm)	Sowing of seeds of Neem, Prosopis, Subabool, Sitaphal, Babool, Safed Kastar etc.
Approach Road (to be in 03 rows	Chirrol, Jungle Jalebi, Katang Bans, Khamar and other native species etc with tree guard.

- Revised EMP with budgetary provision of additional plantation.

PP has submitted the response of above quarries same date vide letter dated 07.012.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum – 20,385 Cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.12.15 Lakh as capital and Rs. 04.06 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

Activity	Cost
▪ Distribution of 300 fruits bearing & fodder trees of local perennial indigenous grass species like Napier grass, Imli, Ketha, amla, Kathal, Munga, Papaya and Mango etc to villagers of Rajauaa for planting.	15,000/-
▪ Distribution of Masks (800nos for 300 household) and Sanitizers (100 nos) to villagers of Rajauaa due to Covid-19.	8,000/-
▪ Deepening & cleaning of Rajauaa village common dug well & concreting around it with proper drainage facility.	25,000/-
Total	48,000/-

12. Case No 8821/2021 Shri Jalam Yadav S/o Shri Chotelal Yadav, Santkabir Ward Karila, Dist. Sagar, MP - 470001 Prior Environment Clearance for Murrum Quarry in an area of 2.70 ha. (8000 Cum per annum) (Khasra No. 01), Village - Amaoni, Tehsil - Sagar, Dist. Sagar (MP) RQP Shri Shirish Deulkar, Jabalpur.

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 01), Village - Amaoni, Tehsil - Sagar, Dist. Sagar (MP) 2.70 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Shirish Deulkar on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 389 dated 14/06/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation PP submitted that since it is a Murrum Quarry no drilling & blasting is proposed. Mining shall be done through Opencast Semi Mechanized Method. During presentation it was observed by the committee that the on online KML file uploaded by PP only 01 coordinate of the lease area is provided and hence lease cannot be demarcated properly which is essential for appraisal. Thus committee asked PP to upload KML image based on all the lease coordinates for further appraisal of the case.

13. Case No 8820/2021 Shri Bhagchand Nebhnani, 109, Padam Nagar, Dist. Khandwa, MP - 450001 Prior Environment Clearance for Stone & M Sand Quarry in an area of 2.80 ha. (M.Sand - 31013 Cum per annum, Stone - 40000 Cum per annum) (Khasra No. 74/2, 75/4, 76), Village - Goradiya, Tehsil - Pandhana, Dist. Khandwa (MP) RQP Shri Balraj Singh Choudhary.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 74/2, 75/4, 76), Village - Goradiya, Tehsil - Pandhana, Dist. Khandwa (MP) 2.80 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Balraj Singh Choudhary on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 940 dated 16/11/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.95 ha., including this mine. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
River	500	West	Provision of Garland drain & settling tanks.
Kachcha Road	65	East	Three rows of plantation.
Seasonal drain	250	East	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Revised Water balance data as suggested by committee.
- Waste water treatment scheme.
- Propose revised bifurcation of plantation scheme & species as suggested by committee with fencing status.

Area	Type of species
In Barrier zone Area- In Barrier zone 7.5 m width,	Sowing of seeds of Neem, Prosopis, Subabool and locally available indigenous species etc. on the trench , along the fencing on the excavated soil and along the periphery

	Proposed 03 rows plantation , plant spacing 03 m and row to row spacing 2.5 m with pit size 45 cm ³ as suggested with the half filled good foreign soil and half filled by manure . Species like Safed Kastar, Katang Bans, Khamer, Neem and also proposed RET species like Bija, Haldu, Salai, Dhavra, Kullu etc.
Approach Road	Chirol, Jungle Jalebi, Khamer , Neem and other native species etc.
School	Neem, Mulshree, Putranjeeva, Kadam, Kachnar, Kadam

- PP's commitment that Plantation shall be carried out within 01 year, as suggested by committee.
- Revised CER- for distribution of furniture in the village school, PP shall explore the possibility to purchase the furniture manufactured by processed Katanga Bans available on LUN rate contract as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 07.12.2021. 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. Applicability of M-sand to be covered under EIA notification 2006 may be examined by SEIAA.
2. Production shall be as per mine plan with quantity not exceeding for M-Sand - 31013 Cum per annum, Stone - 40000 Cum per annum as by product.
3. A budgetary provision for Environmental management Plan of Rs.5.95 Lakh as capital and Rs. 04.50 Lakh/year.
4. As proposed, a minimum of 3600 trees shall be planted as per the submitted plantation scheme.
5. Under CSR Rs. 0.80 Lakh/years is proposed with following activities were submitted by PP:

Activity	Cost
<ul style="list-style-type: none"> • Plantation of 100 species of Neem, Mulshree, Putranjeeva, Kadam, Kachnar, Kadam will be planted in school premises with Tree Guard and Name plate of species. (Rs. 20,000 @ 200 /species) • Swings & Slides for School children. (Rs. 20,000) • 20 Bench's made by processed Katanga Bans will be provided to Model School Goradiya. (Rs. 40,000). 	20,000/- 20,000/- 40,000/-
Total	80,000/-

14. **Case No 8823/2021 Shri Ajay Panwar, 82, Village Bardiya Rathore, Tehsil - Alote, District - Ratlam, MP - 457118 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (10088 Cum per annum) (Khasra No. 146), Village - Minakhedi, Tehsil - Alot, Dist. Ratlam (MP) Env. Consultant Aseries Envirotek India Pvt. Ltd., Noida (U.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 146), Village - Minakhedi, Tehsil - Alot, Dist. Ratlam (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Amar Singh Yadav on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 4741 dated 14/09/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine . As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	90	West	Protection plan with three rows of Plantation towards road side.
Some Trees	Within Lease	East	No trees shall be uprooted.

After presentation the committee asked submit inventory of trees in existence within the lease for further appraisal.

15. **Case No 8824/2021 M/s Dav Geo Services, Partner Smt. Neha Sahu, Nut Bolt House, Near Bus Stand, Murwara, Dist. Katni, MP - 483501 Prior Environment Clearance for Marble Quarry in an area of 4.80 ha. (Marble - 3837 Cum per annum, Saleable waste - 19186 Cum per annum, OB - 2558 Cum per annum) (Khasra No. 84 Part), Village - Bhajiya, Tehsil - Barwara, Dist. Katni (MP) M/s. Creative Enviro Services, Bhopal**

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 84 Part), Village - Bhajiya, Tehsil - Barwara,

Dist. Katni (MP) 4.80 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env. Consultant Shri Umesh Mishra from on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1833 dated 21/06/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP submitted that it is an opencast and fully mechanized mining project, where mining of Marble block will be done through wire saw and gali toda method, Methods of mining will be open cast, and mechanized. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	13	South	Three rows of Plantation towards road side.
Water body (Earthen dam)	210	South	Protection plan.
19 Trees & Root stock	Within lease	-	Tree inventory and their protection plan.

PP further submitted that this lease is on hillock where during the five years approx. 1.60795 ha cumulative area will be developed up to MSL 444m (surface MSL is 495-440m). The development will be done from the northern and western part of the pit-1 advancing towards northern and western direction and in depth up to a minimum MSL of 427m. There will be one bench in the OB and five bench of Marble during the first five year period. At the end of conceptual period about 4.086ha area will be developed with ultimate depth of 20m bgl (420m MSL). The generated OB shall be backfilled. After presentation the committee asked to submit following details:

- Slurry management Plan.
- Propose revised following bifurcation of plantation scheme & species as suggested by committee with fencing status.

Area	Type of species
Over Backfilled space	Karanj, Sisoo, Neem, Chirol, Khamar & other local species etc
In Barrier zone Area- In Barrier zone 7.5 m width,	Sowing of seeds of Neem, Prosopis, Subabool etc. on the trench , along the fencing on the excavated soil and along the periphery . Proposed 03 rows plantation , plant spacing 03 m and row to row spacing 2.5 m with pit size 60 cm ³ as suggested with the half filled good foreign soil and half filled by manure . Species like Chirol, Jungle Jalebi, Katang Bans and other native species etc.
Approach Road	Chirol, Jungle Jalebi, Katang Bans and other native species etc.
School	Putraneeva, Moleshree, Karanj, Aam, Neem and other local species etc.
Near by water body /settling tanks	Gular , Khas Slip (at the spacing of 06 to 12 inch and 2 to 3 rows)
Over root stock area	Neem, Khamar and local species seeds

- Revised EMP with enhanced budgetary allocation as per plantation number as suggested by committee during presentation.
- Revised CER- enhanced budgetary allocation as suggested by committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 07.012.2021, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Marble – 3,837 Cum per annum, Saleable waste – 19,186 Cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.43.00 Lakh as capital and Rs. 26.705 Lakh/year.
3. As proposed, a minimum of 7100 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

Activity	Exp. Incurred
Capital Expenditure	
Provision of 2 toilets with water arrangement at primary school of Bhajiya	Rs. 1,00,000/-
To provide solar light at primary school of Bhajiya (1kw with power back-up)	Rs 1,00,000/-
To constructed additional room at primary school of Bhajiya (15feet x 10 feet) with all necessary facility	Rs 3,00,000/-
Total	Rs 5,00,000/-

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases

- 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
 3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
 4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
 5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
 6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
 7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
 8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
 9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
 10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
 11. No Mining shall be carried out during Monsoon season.
 12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
 13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
 14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
 15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
 16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
 17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
 18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
 19. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
 22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.

23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and

- fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
 35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘C’

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.

20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.

34. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per 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.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.

- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
- ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.

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

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