

The 438th meeting of the State Expert Appraisal Committee (SEAC) was held on 02nd June, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

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

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

1. Case No. – 5717/2018 Mr. Rajiv Pathak, Chayanakyapuri, Semaria Chowk PO & District - Satna, MP – 485001 Prior Environment Clearance for Limestone, Laterite, Ochre & Reject Stone Deposit in an area of 43.339 Ha. (2,69,937 ton per annum) (Khasra no. 299P, 300P, 309P) at village - Lakhanwah, Tehsil - Rampur Baghelan, Dist. Satna.

This is case of Limestone, Laterite, Ochre & Reject Stone Deposit in an area of 43.339 Ha.. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no. 299P, 300P, 309P) at village - Lakhanwah, Tehsil - Rampur Baghelan, Dist. Satna. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 328th SEAC meeting dated 08/09/2018 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 20/03/2020 which was forwarded through SEIAA vide letter no. 141 dated 18/05/2020, which was placed before the committee.

The case was presented by the PP and their consultant wherein first brief about the chronology of the project:

SL. NO.	PARTICULARS	DETAILS
1	The State Government granted the mining lease over the 107.01 Acres area previously held under PL for mineral limestone, laterite & ochre. The Mining lease has been executed for 50 years	vide letter No. F-3-19/2010/12/1 dated 17.10.2014. The lease deed has been executed on

	period in accordance with the MM (D&R) Amendment Act 2015. This includes 43.339 Ha or 107.01 Acre area in Khasra no. 299P, 300P, 309P	16.12.2015 for 50 years period.
2	Mining plan along with progressive mine closure plan has been approved by IBM, O/O The Regional Controller of Mines, Jabalpur	vide letter No.- MP/Satna/Limestone/MPLN/G - 01/15-16/4094 Jabalpur dated 28.07.2015
3	Forest NoC	Vide letter No. - 1160 dated 10-02-2016
4	ToR letter	ToR letter No. 319/PS-MS/MPPCB/SEAC/TOR(328)/2018 Bhopal dated 22.09.2018. (Case No. 5717/2018)
5	Public Hearing was done at mine site in the presence of Upper Collector, Satna	12.06.2019

Following salient features of the project were presented by the consultant:

1	Name of the project & its location	Limestone, Laterite, Ochre & Reject Stone Deposit in an area of 107.01 acre or 43.339 Ha (2,69,937 ton per annum) (Khasra no. 299P, 300P, 309P) at village - Lakhanwah, Tehsil - Rampur Baghelan, Dist. Satna, MP by Shri Rajiv Pathak	
2	Name of the Company, Address Tele No. & E-mail :	Shri Rajiv Kumar Pathak Chanakyapuri, Semaria Chowk P.O & District- Satna (M.P) Pin Code-485001, Phone- 942812256	
3	Latitude and Longitude of the project	Latitude	24°43'16.7" to 24°43'32.8" N
		Longitude	81°00'18.6" to 81°00'59.9" E
4	If a Joint venture, the names & addresses of the JV partners including their share	Not Applicable	
5	Project brief: nature of proposal (new/expansion,) total	Nature of proposal	New
		Total area-land use	107.01 acre or 43.339 ha

	area- land use, project components, connectivity to the site etc.	ML Area Elevation	Highest elevation 430 m RL towards south west Lowest elevation 320 m RL in north & south direction
		Connectivity	<ul style="list-style-type: none"> • The lease area is 22 kms from Distt. Headquarter Satna(M.P.) in SW direction • The nearest railway station is Jaitwara Railway Station at 14.5 Km in WNW. • The lease area is well connected with NH-75 by an all weather road.
6	Whether the project is in the Critically Polluted Area (CPA):	No	
7	Cost of the project :	Rs 1.5 Crores	
8	Employment generated/to be generated	100 person	
9	Benefits of the project	<p>The Limes stone of the lease area is suitable for cement plant. The project will give direct employment to 100 persons and indirect employment to approx 50 persons. Total area for Mining 43.339 ha or 107.01 acre, Out of which excavated area (30.50 ha), 30.50 ha area will be backfilled followed by stabilization through plantation and remaining 12.839 ha area will be developed as greenbelt. About 13000 number of sapling will be planted in barrier zone/non mineable area (12.839 ha), while 30500 sapling on excavated area (30.5 ha) after reclamation by backfilling. Project will also benefit to the state in the form of Royalty and fund in district mineral foundation for use in CSR. Also, the mine management will conduct CER activities in Lakhanwah and Rajarwar village.</p>	
10	Whether new or expansion project .If expansion: i from MT to MT ii What is the % of expansion	It is new project for EC.	
11	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006	Not applicable, It is new project for EC.	
12	If expansion, please	Not applicable	

	indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	
13	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)	Not applicable
14	If the project was considered in EAC, Pl. gives dates of the meeting (s)	Not applicable
15	Type of Mine: (Open cast/Underground/mixed)	Open Cast mechanised
16	Capacity of the mine applied for	2,69,937 TPA
17	ML Area i. As per block allotment ii. As per approved mine plan	43.339 ha or 107.01 acres
18	Date of Board's approval	Not applicable.
19	Date of Ground water clearance	Not applicable.
20	Date of mine closure approval	PMCP was approved by Indian Bureau of Mines (IBM), Jabalpur letter No.- MP/Satna/Limestone/MPLN/G -01/15-16/4094 Jabalpur dated 28.07.2015.
21	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	Tamas River – 9.0 km in SE direction , Simarwal Nadi-6.0 km in West direction Asarwal Nalla-8.0 km in NE Direction Gorsari Nadi-4.0 km NE Direction Jokha Nalla-8.0 km North

During presentation PP submitted that Opencast other than fully mechanized method of mining will be done. All operations of mining will be carried out by deployment of heavy earth moving machineries for excavation, loading & transport. Drilling and blasting has been proposed for heaving purpose only and no deep hole drilling and blasting will be done. No blasting will be done within 100 m of habitation in eastern side. Removal of over burden and ore will be done by loader cum excavator of 1.20 cum capacity. The ore will be loaded in to the dumpers by loaders and will be transported to the destination industries or railway siding. Reclamation will be carried out by simultaneous backfilling during conceptual stage. About 30.5 ha., area will be backfilled and reclaimed during the conceptual period. PP further submitted top soil brought from outside to the thickness of 0.20m will spread at top and leveling will be done in plantation area.

The committee observed that the proposed area for mining is hilly having gentle slope towards NE & SE. The highest elevation is 430 m RL towards south-west while the lowest elevation is 320m RL towards North & south direction. Working will be done by formation of benches as per M.M.R. 1961. The working has been proposed from one end. The committee also noticed that approx 20 number of trees is along the eastern boundary of lease area. These trees are Mahua (08 nos.), Mango (03 nos.) & Bamboo (09 nos.). These trees will be preserved and no tree cutting is proposed.

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

1. Surface Map clearly indicating no blasting zone area
2. Revised plantation detail as suggested by committee.
3. Rainwater harvesting proposal.
4. Revised EMP Budget of the project.
5. Revised CER include grazing land development and traffic awareness camps in the affected villages.

Vide PP letter dated 02/06/2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for proposed Lakhanwah Limestone, Laterite, Ochre & Reject Stone Deposit in an area of 107.01 Acres or 43.339 Ha. (2,69,937 ton per annum) (Khasra no. 299P, 300P, 309P) at village - Lakhanwah, Tehsil - Rampur Baghelan, Dist. Satna, MP by Shri Rajiv Kumar Pathak subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures should be practiced as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. For tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road shall be compacted on regular interval and transport road will be made pucca and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

9. Working height of the loading machines shall be compatible with bench configuration.
10. No intermediate stacking is permitted at the mine site.
11. No dump shall be stacked outside the lease area.
12. Water sprinklers shall be provided in mine.
13. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
14. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the EMP a minimum of 13000 trees shall be planted on barrier zone and along the transportation route in buffer zone during lease period.
15. Transportation of material shall be done in covered vehicles.
16. Transportation of minerals shall not be carried out through forest area.
17. The OB shall be reutilized for maintenance of road and backfilling purpose. PP shall bound to compliance the final closure plan as approved by the IBM/DGM.
18. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. 8 settling tank of 720 cum each will be constructed towards the sloping side of

ML area. Garland drain of 4000m X 2m X 1.5m will be provided around mine site. Sump of 3600 cum will also be constructed respectively.

19. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
20. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
21. The existing and proposed land use plan of the mine is as follows:

Sl.No.	Particular	Existing	5th Year end	Lease period end
1	Total area excavated (broken)	4.50	7.0	(30.50)
2	Area fully mined out (out of 1)	Nil	Nil	30.50
3	Area fully reclaimed (Backfilled out of 2)	Nil	Nil	30.50
4	Area rehabilitated out of 3 by afforestation	Nil	Nil	30.50
5	Area reclaimed by water harvesting	Nil	Nil	Nil
6	Total area under dumps	Nil	0.90	Nil
7	Area under active dumps	Nil	0.90	Nil
8	Area under mineral stack	Nil	0.20	Nil
9	Area under Road	Nil	0.10	Nil
10	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	Nil	Nil	12.839
11	Plantation over bund area	Nil	0.50	Nil
12	Area under infrastructure	Nil	0.05	Nil
13	Protective Bund and Drain	Nil	1.80	Nil
14	unused	38.839	31.889	--
	TOTAL	43.339	43.339	43.339

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

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

(C) ENTIRE LIFE OF THE PROJECT

27. In the proposed EMP, capital cost is Rs. 14.50 Lakh is proposed and Rs. 19.0 Lakh /year as recurring expenses.
28. Under CER activity, Rs. 4.0 Lakh are proposed as capital and 3.0 Lakh /year recurring expenses respectively in different activities and should be implemented through respective committees.
29. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
30. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
31. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
32. PP will comply with all the commitments made vide letter dated 02.06.2020.
33. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

2. Case No 7108/2020 M/s. Saishakti Realities Pvt. Ltd, 315, Saket Nagar, Dist. Indore, MP – 452001 Prior Environment Clearance for Construction of Commercial cum Hotel Project "Fortune Azure" (Total Plot Area = 5434.32 sqm, Built-up Area = 30840.67 sqm) at Plot No. 14, 15, 16, Mechanic Nagar Extension, Scheme No. 54, Indore, (MP).

This is case of Prior Environment Clearance for Construction of Commercial cum Hotel Project "Fortune Azure" (Total Plot Area = 5434.32 sqm, Built-up Area = 30840.67 sqm) at Plot No. 14, 15, 16, Mechanic Nagar Extension, Scheme No. 54, Indore, (MP).Category: 8(a) Building & Construction Project. 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.

3. Case No 7071/2020 M/s D.M.Marble, 903/1, Badi Omti, Dist. Jabalpur, MP – 482002 Prior Environment Clearance for Marble Quarry in an area of 11.05 ha. (Marble - 5611 cum per annum, Waste - 30054 cum per annum) (Khasra No. 475/1,475/2,475/3,476,477/4,485/1, 488, 489, 490/1, 490/2,490/3,491/1,491/2,491/3, 492, 493/1,493/2, 494,501/1,501/2,502/1, 502/3, 503/2, 511/1, 512/2,513/2,1119/1,1121/2), Village - Jujhawal, Tehsil - Bahoribanh, Dist. Katni (MP)

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 475/1,475/2,475/3,476,477/4,485/1, 488, 489, 490/1, 490/2,490/3,491/1,491/2,491/3, 492, 493/1,493/2, 494,501/1,501/2,502/1, 502/3, 503/2, 511/1, 512/2,513/2,1119/1,1121/2), Village - Jujhawal, Tehsil - Bahoribanh, Dist. Katni (MP) 11.05 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. 169 dated 21/1/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 18.14 ha., including this mine.

The case was presented by the PP and their consultant, during presentation as per Google image based on coordinates provided by PP, it was observed that within lease, in the north side few trees were observed PP submitted that this area shall be non- mining and no tree cutting is proposed. Committee observed that being it's a case Marble Quarry with total area of 18.14 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:-

- Land ownership document of Khasra no. 501 shall be submitted with EIA report.
- Inventory of the trees in existence on north side of the lease with relevant details.
- Committee suggested proposed baseline monitoring of this project area as : Air-08 location, GW.- 08 location, Noise—08 location with due considering wind- ward and Lee-ward direction .
- Slurry management plan as wire saw mining method is proposed.
- Revised CER include grazing land development and traffic awareness cost with incorporate awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

4. Case No 7085/2020 M/s H.M.Marble, 903/1, Badi Omti, Dist. Jabalpur, MP – 482002 Prior Environment Clearance for Marble Quarry in an area of 14.38 ha. (Marble - 5641 cum per annum, Waste - 22563 cum per annum) (Khasra No. 1117, 1145, 1155, 1157, 1158, 1159, 1160/1, 1160/2, 1162/1, 1162/2, 1162/1212, 1163/1P, 1163/2P, 1164/1, 1164/2), Village - Jujhawal, Tehsil - Bahoribanh, Dist. Katni (MP)

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1117, 1145, 1155, 1157, 1158, 1159, 1160/1, 1160/2, 1162/1, 1162/2, 1162/1212, 1163/1P, 1163/2P, 1164/1, 1164/2), Village - Jujhawal, Tehsil - Bahoribanh, Dist. Katni (MP) 14.38 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. 170 dated 21/1/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 21.47 ha., including this mine.

The case was presented by the PP and their consultant, during presentation as per Google image based on coordinates provided by PP, it was observed that a pit is in existence within lease and extending even beyond the lease boundary, PP submitted that it was formed during prospecting of the reserve estimation and was further extended beyond the lease boundary by unauthorized miners. Moreover, soil cover is in the lease existing upto 04 meters depth and PP said they will use the top soil on barrier zone for planting purposes. During discussion it was observed by the committee some trees are in existence within the lease area for which PP submitted that this shall be declared as non- mining area and no tree cutting is proposed. Being it's a case Marble Quarry with total area of 21.47 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 the trees in existence on north side of the lease with relevant details.
- Mark non mining area on surface map due to existing trees within the lease and same shall be submitted with EIA report.

- Detailed lease boundary/barrier zone restoration plan shall be submitted with EIA report.
- Committee suggested proposed baseline monitoring of this project area as : Air-08 location, GW.- 08 location, Noise—08 location with due considering wind- ward and Lee-ward direction .
- Slurry management plan as wire saw mining method is proposed.
- Mining Officer Statement w.r.t. to pit in existing within the lease which is extended even beyond the barrier zone.
- Committee suggested proposed baseline monitoring of this project area as : Air-08 location , GW.- 08 location, Noise—08 location with due considering wind- ward and Lee-ward direction .
- Revised CER include grazing land development and traffic awareness cost with incorporate awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

5. Case No 7070/2020 Shri Anil Kumar Jain S/o Shri Laxmilal Jain, 19, Janakpura, Tehsil & Dist. Mandsaur, MP Prior Environment Clearance for Stone Quarry in an area of 1.706 ha. (2400 MT per annum) (Khasra No. 500, 500/1), Village - Bahi, Tehsil - Malhargargh, 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. 500, 500/1), Village - Bahi, Tehsil - Malhargargh, Dist. Mandsaur (MP) 1.706 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. 977 dated 28/2/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.706 ha., including this mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	>100	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

Pucca Road	100	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
------------	-----	-------	--

After presentation the committee asked to submit following details:

- Land ownership documents.
- Protection plan for nearby habitation.
- Orientation of mine should be from west to east.
- Revised plantation details as suggested by committee.
- Surface plan showing 10 meters set back on northern side of lease.
- Revised EMP as suggested by committee.
- Revised CER include grazing land development and traffic awareness cost with incorporate awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 02.06.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 2400 MT per annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.76 Lakh as capital and Rs. 1.74 Lakh/year and under CER Rs. 0.30 Lakh in three year has proposed.

6. Case No 7019/2020 M/s Global Mines & Minerals, Mrs. Sangeeta Nayak, Partner, 50, Sutar Gali, Jail Road, Dist. Indore, MP – 452001 Prior Environment Clearance for Laterite Quarry in an area of 4.76 ha. (25272 Tonne per annum) (Khasra No. 1045/2559, 1036, 1037, 1038), Village - Khaddikhurd, Tehsil - Rampur Naikin, Dist. Sidhi (MP)

This is case of Laterite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1045/2559, 1036, 1037, 1038), Village - Khaddikhurd, Tehsil - Rampur Naikin, Dist. Sidhi (MP) 4.76 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. 1457 dated 20/8/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

7. Case No 7009/2020 M/s. Quest Granites Pvt. Ltd, R/o D-3, Haridas Ji Ki Magri Amba Mata, Dist. Udaipur, Rajasthan Prior Environment Clearance for Dolerite Deposit in an area of 8.50 ha. (6458 cum per annum) (Khasra No. 903), Village - Dhangawan, Tehsil - Anuppur, Dist. Anuppur (MP)

This is case of Dolerite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 903), Village - Dhangawan, Tehsil - Anuppur, Dist. Anuppur (MP) 8.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 25 dated 11/3/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

8. Case No 7017/2020 Shri Jitendra Prajapati, Village - Dedtalai, Tehsil - Khakron, Dist. Burhanpur, MP – 450331 Prior Environment Clearance for Stone Quarry in an area of 2.30 ha. (30000 cum per annum) (Khasra No. 476), Village - Dedtalai, Tehsil - Nepanagar, Dist. Burhanpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 476), Village - Dedtalai, Tehsil - Nepanagar, Dist.

Burhanpur (MP) 2.30 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. 229 dated 12/3/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, PP stated that in the north- west corner of the lease High Tension line is passing and considering the safety, they have left out 50 meters area as non- mining zone and this has shown on the surface map. PP further submitted that this high tension line is not passing through the lease. After presentation the committee asked to submit following details:

- Photographs of the High Tension line passing from the lease in the north -west corner.
- Revised plantation details.
- Revised CER include- grazing land development and traffic awareness cost with incorporate awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 02.06.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 30,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.16 Lakh as capital and Rs. 0.95 Lakh/year and under CER Rs. 0.80 Lakh in three year has proposed.

9. Case No 7052/2020 Shri Govind Dangi S/o Shri Govardhan Dangi, Tehsil - Narsinghgarh, Dist. Rajgarh, MP – 465679 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (3093 cum per annum) (Khasra No. 9/1), Village - Bhawanipura, Tehsil - Narsinghgarh, 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. 9/1), Village - Bhawanipura, Tehsil -

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

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 285 dated 03/03/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	25	North	Three rows of Plantation towards road side.
Natural Drain	>50	North	Provision of Garland drain & settling tanks.

PP stated that Narsinghgarh ESZ is about 3.40 Km as per DFO letter. After presentation the committee asked to submit following details:

- Revised EMP include budget for grazing land.
- Revised CER include grazing land development and traffic awareness cost with incorporate awareness/ training activities including of distribution of masks, sanitizers, in the project affected villages' w.r.t. COVID-19 pandemic.

PP has submitted the response of above quarries same date vide letter dated 18.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3093 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 03.63 Lakh as capital and Rs. 01.89 Lakh/year and under CER Rs. 0.40 Lakh in three year has proposed.

**10. Case No 7025/2020 Smt. Sarla Baghel, Akbar Ward, Tehsil & Dist. Seoni, MP – 480661
Prior Environment Clearance for Crusher Stone Quarry in an area of 4.0 ha. (80000**

Tonne per annum) (Khasra No. 6 Part.), Village - Dungariya, Tehsil - Seoni, Dist. Seoni (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 6 Part.), Village - Dungariya, Tehsil - Seoni, Dist. Seoni (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1117 dated 11/02/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	>300	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Kachcha Road	170	South	-

After presentation the committee asked to submit following details:

- Road width should be maintaining 6.0 meters excluding shoulder.
- Environmental map showing location of garland drain and settling tanks.
- Revised EMP & CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 02.06.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 80,000 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs. 20.30 Lakh as capital and Rs. 03.025 Lakh/year and under CER Rs. 10.0 Lakh in three year has proposed.

11. Case No 6989/2020 Shri Dhanraj Shivhare S/o Shri Hukum Chandra Shivhare, Ward No. 09, Railway Crossing Ke Pass, Dist. Sheopur, MP – 476337 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (15675 cum per annum) (Khasra No. 234/1), Village - Salmanya, Tehsil - Badoda, Dist. Sheopur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 234/1), Village - Salmanya, Tehsil - Badoda, Dist. Sheopur (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. 6034 dated 13/10/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that this is an old existing mine and almost excavated within lease. Also this is a case of expansion from 1000 cum/year to 15675 cum/year. PP submitted that they have obtained this lease in such condition and excavation has showed on surface map also deducted volume of stone has mentioned in the mining plan. DEIAA had issued EC to PP Vide latter no. 5405 dated 25.4.2017 for 1000 cum/year. Being case of expansion committee after presentation asked PP to submit compliance of earlier EC condition issued by DEIAA through competent authority.

12. Case No 7027/2020 Shri Dharmendra Modi S/o Shri Premchand Modi, SM-50, Padmanabhpur, Dist. Durg Prior Environment Clearance for Dolomite Quarry in an area of 1.46 ha. (6826 tonne per annum) (Khasra No. 145, 146, 147), Village - Jatama, Tehsil - Kurai, Dist. Seoni (MP)

This is case of Dolomite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 145, 146, 147), Village - Jatama, Tehsil - Kurai, Dist. Seoni (MP) 1.46 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 6+radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office letter no. 434 dated 27/8/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that this is an existing running mine PP stated that this mine is closed since 2008, within 500 meters following sensitive features were observed-

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	>200	North	Protection plan with controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

PP further stated that blasting is proposed in this mine. After presentation the committee asked PP to submit following details:

- Protection plan for habitation in existence on the north side at approx. 200 meters
- Retaining wall shall also be proposed on the northern side and same shall be shown on surface map.
- Copy of last CTO obtained from MP Pollution Control Board.
- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 02.06.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Dolomite 6,826 Tonne per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.38 Lakh as capital and Rs. 2.80 Lakh/year and under CER Rs. 0.90 Lakh/ year has proposed.

13. Case No 7028/2020 Shri Sanjay Kasal S/o Shri Dhanendra Kasal, Waraseoni, Dist. Balaghat, MP - 481331, Prior Environment Clearance for Dolomite Quarry in an area of 1.77 ha. (38130 tonne per annum) (Khasra No. 151), Village - Bawli, Tehsil - Kurai, Dist. Seoni (MP)

This is case of Dolomite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 151), Village - Bawli, Tehsil - Kurai, Dist. Seoni (MP) 1.77 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. 81 dated 15/2/2018 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.39 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that this is an existing running mine PP stated that this mine is closed since 2012. PP submitted that 20 trees are in existence within lease and out of which 04 trees are proposed for uprooting and 16 trees will be kept intact. PP proposed that in place of 04 trees additional 40 trees will be planted and proposal has already been added in the plantation scheme. Within 500 meters following sensitive features were observed-

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Approx. 20 Trees	Within lease	-	04 trees are proposed for uprooting.
Kachcha Road	10	-	No blasting is proposed and three rows of Plantation in this side.

PP further stated that no blasting is proposed in this mine and mining operation will be carried out through rock breaker. After presentation the committee asked to submit following details:

- Inventory of the trees within lease.
- Top soil and waste management plan as suggested by committee.
- Copy of CTO issued by MPPCB.
- Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 02.06.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Dolomite 38,130 tonne per annum.
2. A budgetary provision for Environmental management Plan of Rs. 14.10 Lakh as capital and Rs. 2.85 Lakh/year and under CER Rs. 0.90 Lakh/ year has proposed.

14. Case No 7086/2020 Shri Narendra Panwar S/o Shri Khushilal Panwar, R/o Bhanyakhedi, Tehsil - Kalapeepal, Dist. Shajapur, MP – 465337 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (5000 cum per annum) (Khasra No. 144/1/2/2 P), Village - Bhanyakhedi, Tehsil - Kalapeepal, Dist. Shajapur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 144/1/2/2 P), Village - Bhanyakhedi, Tehsil - Kalapeepal, Dist. Shajapur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 36 dated 12/9/2019 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.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	>70	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.86 Lakh as capital and Rs. 3.40 Lakh/year and under CER Rs. 03.0 Lakh/ year has proposed.

15. Case No 7082/2020 Shri Abhishek Meena S/o Shri Arjun Singh Meena, Village - Morga, Tehsil - Huzur, Dist. Bhopal, MP – 462030 Prior Environment Clearance for Murrum Quarry in an area of 2.0 ha. (7410 cum per annum) (Khasra No. 138), Village - Morga, Tehsil - Huzur, Dist. Bhopal (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 138), Village - Morga, Tehsil - Huzur, Dist. Bhopal (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 518 dated 03/03/2020 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, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	>370 & >300	East & South	No blasting is proposed.
Kachcha Road	North periphery of lease	North	PP submitted that kachha road is > 10 meters away from the lease and a barrier zone of 7.5 meters is already left in mine plan.

PP further stated that no blasting is proposed. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 7,410 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.115 Lakh as capital and Rs. 1.8430 Lakh/year and under CER Rs. 0.50 Lakh/ year has proposed.

16. Case No 7084/2020 Shri Vivek Kumar Singh S/o Shri Vijay Pratap Singh, Village - Banna Mahatmaan, Tehsil - Hanummana, Dist. Rewa, MP – 486335 Prior Environment Clearance for Flagstone Quarry in an area of 1.378 ha. (2182 cum per annum) (Khasra No. 1304/1/ka/2, 1304/3/2, 1305/1, 1305/2), Village - Banna Mahatnaan, Tehsil - Hanumana, Dist. Rewa (MP)

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1304/1/ka/2, 1304/3/2, 1305/1, 1305/2), Village - Banna Mahatnaan, Tehsil - Hanumana, Dist. Rewa (MP) 1.378Ha. 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. 694 dated 28/2/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 3.449 ha., including this mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry no blasting is proposed. Mining shall be through Opencast Semi Mechanized Method. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Rows of Trees	Within lease	North	Commitment that no tree falling and this area deal as non- mining zone

PP further stated that In the DFO, letter vide no 10111 dated 05/10/2018 stated that forest area is at a distance of approx. 115.16 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 03.10.2018.

After presentation the committee asked to submit following details:

- Rows of trees within lease in the north side, commitment that no tree falling is proposed and shall be as non- mining zone.

PP has submitted the response of above quarries same date vide letter dated 02.06.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 2182 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.09 Lakh as capital and Rs. 1.74 Lakh/year. Under CER Rs. 0.50 Lakh/ year has proposed.

17. Case No 7105/2020 Shri Dinesh Kumar Jain S/o Shri Ram Nivas Jain, Panjreh Bazaar, Madhauri, Dist. Singrauli, MP – 486889 Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (31,914 cum per annum) (Khasra No. 6/1 Part), Village - Jhagrauha, 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. 6/1 Part), Village - Jhagrauha, Tehsil - Chitrangi, Dist. Singrauli (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office (Ekal Praman-Patr) letter no. NIL dated NIL has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that about 20 Trees within the lease are existing and all trees are proposed for cutting. Within 500 meters of lease following sensitive features were observed-

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some trees	Within lease	-	PP submitted that 20 trees will be uprooted with the approval of competent authority and 200 trees will be planted as compensatory plantation and same has already been added in the plantation scheme.
Pucca Road	>250	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Pond	85 meters	East	Garland drains and settling tanks provided.

After presentation the committee asked to submit following details:

- Revised location of settling tanks.
- Revised EMP as suggested by committee.
- Revised CER as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 02.06.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 31,914 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.34 Lakh as capital and Rs. 3.205 Lakh/year and under CER Rs. 0.60 Lakh/ year has proposed.

18. Case No 7106/2020 M/s Ishita Buildcon, Partner, Shri Rajneesh Kumar Agrawal, Ram Mandir Colony, Obra, Dist. Sonbhadra, UP – 231216 Prior Environment Clearance for Stone Quarry in an area of 3.95 ha. (140534 cum per annum) (Khasra No. 3/1, 3/2, 5, 6, 7, 15, 16, 102), Village - Dorajkalaa, 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. 3/1, 3/2, 5, 6, 7, 15, 16, 102), Village - Dorajkalaa,

Tehsil - Chitrangi, Dist. Singrauli (MP) 3.95 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office (Ekal Praman-Patr) letter no. 2724 dated 19/9/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that about 10 Trees within lease are existing and 07 trees are proposed for cutting. Within 500 meters following sensitive features were observed-

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some trees	Within lease	-	PP submitted that some trees are in existence in the middle part of the lease and this area will be left as non mining area and trees will be protected.
Natural Drain	>50 & >180	North-west & south	Provision of Garland drain & settling tanks.
Human settlement	>200	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Revised surface map showing non mining area due to existing trees.
- Photographs of lease area showing trees and surround areas.
- Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 02.06.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

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

1. Production shall be as per mine plan with quantity not exceeding for Stone 1,40,534 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.52 Lakh as capital and Rs. 3.78 Lakh/year and under CER Rs. 2.40 Lakh/ year has proposed.

DISCUSSION BASED ON QUERY REPLY SUBMITTED BY PP/ PENDING SINCE LONG

19. **Case No. - 6012/2019 M/s Sourabh Construction, Shri Sourabh Peecha, Ward No. 14, Bus Stand, Tehsil - Katangi, Dist. Balaghat, MP – 481445 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (6055 cum per annum) (Khasra No. 177/25/1 Part), Village - Bhajiyapaar, Tehsil - Katangi, Dist. Balaghat (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 177/25/1 Part), Village - Bhajiyapaar, Tehsil - Katangi, Dist. Balaghat (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. 130 dated: 21/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some trees	Within lease	-	Commitment for no tree falling without permission
Water body	40	N-E	--

In the SEAC- 360th meeting dated 11/04/2019 the case was presented by the PP and their consultant. During presentation PP was asked to submit lease agreement letter from the land owner. Further it was recorded as per Google image based on coordinates provided by PP that a water body exists at a distance of approx. 40 mts towards NE side of the lease, for that PP submits that it is not a notified water body and just an accumulation of water. Committee observed that even as per the old google image this water body is in existence since 2002 and as per the image of December, 2016, the water level is just 40 meters away. As per MMR, 1996, minimum 100 meters area is to be left from the water body and since the lease area is only of 1.00 ha if 50-60 meters is deducted from the lease, no workable area will be available. Thus committee after deliberations decided that on above ground case cannot be recommended for grant of EC.

Vide SEIAA letter 2725 dated 22.10.2019 the case file sent back to SEAC for re-examination the case which also include PP letter dated 29.08.2019 along with Tehsildar office letter no. 1149 dated 14.05.2019.

In this meeting the case file has placed before the committee along with the recommendations of SEIAA. Committee deliberated that in the current situation due to COVID-19 site visit is not possible. Committee further observed that PP has submitted a letter issued by Tehsildar (vide letter no. 1149 dated 14/05/2019) stating that the distance of pond from the lease is 150 meters and the nearby land is undulating type where water is filled during rainy season and same is dried up in the summers. It is also stated in the letter issued by Tehsildar that pond is not in existence at site. Committee deliberated on the issue and recommends that since Tehsildar has verified the distance which is 150 meters and as per MMR, 1996 the safe distance from any water body shall be 100 meters the 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 6,055 cum per annum .
2. A budgetary provision for Environmental management Plan of Rs. 4.72 Lakh as capital and Rs. 1.365 Lakh/year and under CSR Rs. 0.50 Lakh/years has proposed.

20. Case No 6785/2020 M/s Ramraja Granite, Prop. Devendra Shivhare, R/o Indira Nagar, Kabrai, Dist. Mahoba, UP – 210424 Prior Environment Clearance for Crusher Stone Quarry in an area of 1.00 ha. (14,250 cum per annum) (Khasra No. 237/1), Village - Bhadar, Tehsil - Lavkush Nagar, Dist. Chhatarpur (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 237/1), Village - Bhadar, Tehsil - Lavkush Nagar, 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 Assistant Mining Officer (Collector Office Chhatarpur) letter No. 945 dated: 08/04/19 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 in 423th SEAC meeting dated 11/02/2020, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant in 426th SEAC meeting dated 27/02/2020 wherein during presentation as per Google image based on coordinates provided by PP, a Kachcha road is passing at a distance of 7-8 meters in the west side of the lease hence, PP was asked to maintain minimum distance of 10 meters as non-mining area from road, Hutments are in close proximity a distance of 4 meters towards South side, hence protection plan shall be needed. Within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	05	West	Setback of 15 meters (excluding 7.5m of barrier zone) of area shall be maintained as non-mining area from road in lease towards west side.

Kachcha Road	05	East	Setback of 15 meters (excluding 7.5m of barrier zone) of area shall be maintained as non-mining area from road in lease towards east side.
Hutments	04-10	South	<ul style="list-style-type: none"> ➤ Setback of 50 meters shall maintain as non-mining area from nearest hutment at south side of lease. ➤ Controlled Muffle blasting with arrangements of sand bags and three rows of Plantation in this side.
Trees	Within lease	-	<ul style="list-style-type: none"> ➤ No tree falling is proposed.

After presentation the committee asked to submit following details:

- Kachcha road is passing in the west side & east side of the lease hence revised surface map showing set back of 15 meters (excluding 7.5m of barrier zone) from the west boundary as non- mining area & Setback of 15 meters (excluding 7.5m of barrier zone) of area shall be maintained as non- mining area from road in lease towards east side and thus revised surface map showing non-mining area shall be submitted.
- Protection plan for the nearest hutments at southern side.
- Revised surface map showing setback of 50 meters shall maintain as non-mining area from nearest hutment at south side of lease.
- Undertaking that no tree cutting shall be done during mining activity.
- Complete details of blasting with its protective measures shall be submitted
- Revised plantation species as suggested by the committee during presentation.
- Revised EMP & CER as per format.

PP has submitted the in response of above quarries on dated vide letter dated 28.05.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

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

1. Production shall be as per mine plan with quantity not exceeding for stone 14,250 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 20.86 Lakh as capital and Rs. 02.59 Lakh/year and under CER Rs. 02.59 Lakh/ year has proposed.

(Dr. Anil Sharma)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. Sonal Mehta)
Member

(Dr. R. Maheshwari)
Member

(Dr. Jai Prakash Shukla)
Member

(Dr. Rubina Chaudhary)
Member

(A.A. Mishra)
Member

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murum 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.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water

- intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
 9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
 10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
 11. No Mining shall be carried out during Monsoon season.
 12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
 13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
 14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
 15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
 16. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
 17. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
 18. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
 19. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
 22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
 23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
 24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

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

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.
 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.

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.

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