

The 315th meeting of the State Expert Appraisal Committee (SEAC) was held on 18 June, 2018 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. Sonal Mehta, Member.
3. Shri Prasant Srivastava, Member.
4. Dr. Jai Prakash Shukla, Member.
5. Shri R. Maheshwari, Member.

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

1. **Case No. – 1658/13 Shri Shrikant Pandey, S/o Shri Janardan Pandey, R/o- Gandhigram, Tehsil Sihora, District Jabalpur -483225, Madhya Pradesh Environmental Clearance for approval of Manganese, Laterite & Iron Ore Mining Lease (Area 4.67 ha) production capacity-35,255 TPA, near at Khasra no.-348, 350, 443/761, 414, 349, 351, Village: Hirdenagar, Tehsil: Sihora, District: Jabalpur M.P .**

This is case of Manganese, Laterite & Iron Ore Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-348, 350, 443/761, 414, 349, 351, Village: Hirdenagar, Tehsil: Sihora, District: Jabalpur (M.P) 4.67 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in the 47th SEAC-II meeting dated 27/08/2016, wherein it was recorded that: Being it's a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Transportation plan & traffic management plan should be discussed in the EIA report.
3. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
4. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
5. Compliance of consent conditions of M. P. Pollution control Board from concerned Regional Office.
6. Year wise details of minerals already excavated till date should be submitted with EIA report.

7. Aforestation plan with some species of meditational plants.
8. Progressive mine closure plan should be addressed in EIA report.
9. Photographs of sampling along with its all input output data and its back-up calculation.
10. Monitoring of Air, Water and Noise should be carried out on at least 08 locations selected on the basis of environmental sensitivity.
11. Environmental policy with organization management plan should be given along with EIA report.
12. Modeling input data sheet with results should be submitted with EIA report.
13. Documents pertaining to validity of lease should be enclosed with the EIA report.
14. Details of year wise production obtained (if any) should be submitted with EIA report.

PP has submitted the EIA vide letter dated 15/05/2018 which was forwarded through SEIAA vide letter no. 761 dated 22/05/2018, which was placed before committee for EIA Presentation.

The case was scheduled for the presentation but Neither the Project Proponent (PP) nor his authorized 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 to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

2. Case No. - 5654/2018 Shri Shreelal Aanjana, S/o Shri Jorji Aanjana, R/o Aanjana Complex, Tagore Marg, Tehsil & District - Neemuch, MP Prior Environment Clearance for Laterite Mine in an area of 10.0 Ha. (50,000 MTPA) at Khasra no.-12/1, Village- Soniyana, Tehsil - Neemuch, Dist. Neemuch (MP) (EIA Consultant- Apex Mintech Consultants).

This case is for Prior Environment Clearance for Laterite Mine in an area of 10.0 Ha. (50,000 MTPA) at Khasra no.-12/1, Village- Soniyana, Tehsil - Neemuch, Dist. Neemuch (MP).

PP has submitted EIA report vide letter dated 25/10/2017 which was forwarded by the SEIAA vide letter no. 1809 dated 28/02/2018. This case was again scheduled for EIA Presentation in the 312th SEAC meeting dated 17/04/2018 wherein it was recorded: Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 310th SEAC meeting dated 24/03/2018. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

This case was again scheduled in this meeting wherein PP and consultant were present. During discussion and perusals of the documents it was observed by the committee that the TOR to this project was issued by the MoEF & CC, vide its letter No. J-11015/340/2012-I A.II (M), dated-23.01.2015 and in the TOR it is mentioned that it is a case of violation of EIA Notification, 2006 as PP has already started mining activities by breaking 3.00 ha area and obtained production without obtaining the prior environmental clearance. Maximum production was obtained in the year 2010.

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

Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with TOR & standard TOR prescribed by the MoEF&CC vide letter dated 14th May, 2015 under following specific conditions for conducting the EIA along with following additional TOR's and as per Annexure-D:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Hydro geological studies should be carried out and be discussed in the EIA report.
5. Detailed plantation scheme with budgetary allocations be provided in the EIA report.
6. Mine water management plan be provided in the EIA report.
7. Land use plan should be plotted on the map.
8. Assessment of Ecological damage by this project and its Remediation Plan should be discussed in the EIA report.
9. Natural and community resource augmentation plan should be discussed in the EIA report.
10. Year wise quantity of production carried out till date, quantity of product sold with its market value and royalty paid.

3. Case No. 5510/2017 Shri Anil Nagrath, Owner, Civil Line, Dist. Katni, MP (SIA/MP/MIN/18011/2016). Prior Environment Clearance for Limestone Mine in an area of 1.821 ha. (30,010 cum per annum) (Khasra no. 322) at Village- Kachhagawan, Tehsil - Katni, Dist. Katni (MP) EIA Consultant- ENVIRTA Sustainable Solutions India Pvt. Ltd.

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, (Khasra no. 322) at Village- Kachhagawan, Tehsil - Katni, Dist. Katni (MP) 1.821ha. The project requires prior EC before commencement of any activity at site.

Salient Feature of the Project:

Sl.No.	Parameters	Description
1	Mining Lease Area & Type of land	Mine Lease area is 1.821 Hec , The land use is waste land.
2	Geographical co-ordinates	Latitude: 23°59'01.9" to 23°59'07.8" N Longitude:80°28'29.5" to 80°28'34.9" E
3	Name of Rivers/ Nallahs/ Tanks/ Spring/ Lakes etc	Kevlari Nala : 4.43 Km South Tamsa River: 4.5 Km North
4	Name of Reserve Forest(s), Wild life Sanctuary/ National parks etc.	No Reserve Forest(s), Wild life Sanctuary/ National parks etc. is present within the Study area.
5	Topography of ML area	The lease area is almost plain having general slope towards South. The highest elevation of the lease area is 386 m AMSL. towards north East direction and the lowest elevation is 385 m A.M.S.L .in North West direction.
6	Name of Mineral mined	Limestone
7	Rate of Production (TPA)	30,010 Cum per Annum
8	Life of mine	21 Years at present level of exploration
9	Mineral Reserve in Tonnes	Mineral Reserve Mineable reserve of Limestone =3,57,815 Tonnes
11	Mining Method	Manual method of mining will be adopted in the lease area
12	Drilling/ Blasting	Drilling and blasting has been proposed with 32 mm dia holes up to a depth of 1.5m. No deep hole drilling and blasting of large dia will be carried out.
13	Ultimate Pit Slope	45°
14	Ultimate depth of Mining	371 m AMSL
15	Ground water level	345 m AMSL - 340 m AMSL
16	GWT intersection	No intersection of GWT, as the mining operations are carried

		out 25 m above the GWT.
17	Drainage pattern/ water courses	There is no stream crossing in the mine lease area. However the lease area main drainage is through seasonal water courses situated in Southerly side originating from the foot of Kymore range confluenceing in Mahanadi river.
18	Water requirement & source	Total water requirement for dust suppression, plantation and drinking is 13 KLD. Water will be sourced from bore well from outside of the ML area as well as mine sump.
19	Employment Potential	19 people will get direct and 25 people will get indirect employment.
20	Working of the Days	300
21	Cost of project	60 Lakhs

The case was presented by the PP and their consultant in the 69th SEAC-II meeting dated 07/03/2017 wherein it was recorded that: Being it's a case of major mineral, it was decided to consider this case as B-1 and committee recommended issuing standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional TOR's:

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Environmental Policy duly approved by the authority should be attached with the EIA report.
6. Monitoring on atleast 08 Stations should be carried out for Ambient Air, Surface Water, Ground Water, Noise and Soil by selecting suitable locations in core zone and buffer zone. During monitoring, if any sensitivity is observed by the monitoring agency, additional monitoring stations should be added and same should be inferred in the EIA report.
7. Land use plan should be plotted on the map.
8. Mine lease extension letter.
9. Compliance of consent condition from the concerned Regional Officer, MP Pollution Control Board should be submitted along with the EIA report.
10. After developing three benches of 03 meters (as proposed in the mining plan) how much working space will be available at the bottom of the pit should clearly addressed in the final EIA report.
11. Since PP has already reached 39 m. depth in existing pit thus permission of the DGMS should be submitted with the EIA report.

PP has submitted the EIA report vide letter dated 31/05/2018 which was forwarded by SEIAA vide letter no. 963 dated 04/06/2018 and the same was placed before the committee.

The case was presented by the PP and their consultant wherein PP submitted that the lease area is almost plain having general slope towards South. The highest elevation of the lease area is 386 m AMSL towards north East direction and the lowest elevation is 385 m A.M.S.L .in North West direction. There is no stream crossing in the mine lease area. However the lease area main drainage is through seasonal water courses situated in Southerly side originating from the foot of Kymore range confluenceing in Mahanadi River. After presentation, PP was asked to submit response on following:

1. Revised EMP and CSR as suggested by the committee during presentation.
2. Top soil management plan to be submitted by the PP.
3. An undertaking from the PP that the minimum volume of dumper used will be more than 20 cubic meter, and over-head Sprinkling system to be proposed by the PP.
4. Revised Plantation details as suggested during presentation.
5. The consolidated OH&S budget shall be provided.
6. Details about GW level and possibility of its intersection.

PP has submitted the response of above quarries vide letter dated 18.06.2018 which was placed before the committee and the same found satisfactory. 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 approval of mining for Limestone Mine in an area of 1.821 ha. (16,593 ton per annum as per mine plan) (Khasra no. 322) at Village- Kachhagawan, Tehsil - Katni, Dist. Katni (MP) subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed expansion shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.

6. For dust suppression, regular sprinkling of water should be undertaken.
7. PP will obtain other necessary clearances/NOC from respective authorities.

(B) MINING OPERATIONAL PHASE

8. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme of 2000 trees should be carried out along with the mining. 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 and species which are tolerant to pollution. As proposed in the landscape plan & EMP a minimum of 2000 no's of trees will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
9. Transportation of material shall be done in covered vehicles and capacity of vehicle shall be minimum 20 ton to reduce the number of trips.
10. Transportation of minerals shall not be carried out through forest area.
11. The OB till its utilization for backfilling shall be properly stacked as per approved mining plan and disposed off as per the submitted proposal. PP shall bound to compliance the final closure plan as approved by the IBM.
12. Garland drains 1610 Sq.m. x 1.5m along with 03 settling tanks 20m x 7.5m x 03m should be provided to avoid silt discharge. Settling tanks should be connected with garland drains for proper sedimentation.
13. Dust suppression through tractor, mounted tractor should be provided on haul road. However, regular water spraying should be practiced on transport road by fixed types of water sprinklers for dust suppression.
14. Geohydrological studies should be carried out if ground water table is intersected.
15. Control Blasting should be carried out only during day time and time of blasting should be conveyed to the nearby villagers.
16. The existing and proposed land use plan of the mine is as follows:

Sl.No.	Particular	Existing in M ²	5 th year end in M ²	Mine life End in M ²
1	Total area excavated (broken)	6217	14150	14150

2	Area fully mined out (out of 1)	1072	0	14150
3	Area fully reclaimed (Backfilled out of 2)	0	1072	4993
4	Area rehabilitated out of 3 by afforestation	0	1072	4993
5	Area reclaimed by water harvesting	0	0	10229
6	Area rehabilitated by bench/slope afforestation	0	1072	4993
7	Total area under dumps	6551	3200	0
8	Area under active dumps	0	0	0
9	Area under mineral stack	0	0	0
10	Area under Road	280	1150	0
11	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	0	1000	3060
12	Plantation over dump area	0	0	0
13	Area under infrastructure	0	0	0
14	Area under habitation	0	0	0
15	Area undisturbed	4090	0	0

17. 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.
18. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
19. The commitments made in the public hearing are to be fulfilled by the PP.
20. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
21. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

22. The proposed EMP cost is Rs. 8.00 lacks and Rs. 05.25 lacks /year are proposed as recurring expenses out of which Rs. 01.00 lacks is proposed for green belt development and Rs. 03.00 lacks /year for recurring expenses for plantation in the proposed EMP of this project. The capital cost proposed for the OH&S of employees is Rs. 3.00 lacks while Rs. 3.50/year lacks are proposed as recurring cost.
23. Under CSR activity, Rs. 08.75 lacks are proposed for the next 05 years in different activities and same should be implemented through respective committees.
24. 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.
25. 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.
26. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
27. PP will comply with all the commitments made vide letter dated 18/06/2018
28. 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.

4. Case No. - 5648/2018 M/s Omkar Chemicals, Plot No. 19, 20, 21 Industrial Area, Nagjhiri, Dewas Road, Ujjain, MP – 456010 Prior Environment Clearance for Manufacturing of Drug Intermediate in plot no. 19, 20, 21 Industrial Area, Nagjhiri, Dewas Road, Ujjain, (M.P.) Reference No. for online tracking of project Details SIA/MPIND2/21731/2018. Cat. 5(f) Synthetic Organic Chemicals Industry (Bulk Drug) Project. EIA Consultant- EQMS India Privated Limited.

The project is covered under the provisions of EIA Notification as item no. 5(f); hence it requires prior EC before commencement of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project site. The submissions and the presentation made by the PP and his consultant revealed following:

EXECUTIVE SUMMARY FOR PROJECTS

1. Name of the project & its location:

Manufacturing of Drug Intermediates

Plot no. 19, 20, 21 Industrial Area, Nagjhiri, Dewas Road, Ujjain, (M.P.)

2. Name of the Company, Address Tele No. & E-mail :

M/s Omkar Chemicals, Plot no. 19, 20, 21 Industrial Area, Nagjhiri, Dewas Road, Ujjain,

(M.P.)+91-9989526525omkarchemicals@yahoo.com

3. Latitude and Longitude of the project

a. 23° 8'57.83"N 75°49'13.66"E

b. 23° 8'59.18"N 75°49'15.91"E

c. 23° 8'57.59"N 75°49'17.16"E

d. 23° 8'56.22"N 75°49'14.76"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 area- land use, project components, connectivity to the site etc.

Nature – New

Total Land Area - 4700 sq m

Project Components –

S.No	Name of Products	Production Capacity
1	Diketone	120 tons/year
2	N-Ethyl-2-Aminomethyl Pyridine	48 tons/year
3	2-Amino Pyridine	100 tons/year
4	6-Bromo Veratradelhyde	06 tons/year
TOTAL MANUFACTURING CAPACITY		274 tons per annum

6. Cost of the project – 7.70 Crore

7. Whether the project is in Critically Polluted area –

No, the project is in declared Industrial Area.

8. If the project is for EC under EIA Notification, 2006

a) For the first time appraisal by EAC – Not Applicable

(i) Date of ToR:

(ii) Date of Public Hearing, location

(iii) Major issues raised during PH and response of PP

b) Second appraisal – Not applicable

(i) Date of first /earlier appraisal

(ii) Details of the information sought by the EAC with the response of the PP.

9. If the project involves diversion of forest land

(i) **extend of the forest land**

(ii) **status of forest clearance-**

No, the project is in declared Industrial Area.

10. If the project falls within 10 km of eco- sensitive area

(i) **Name of eco- sensitive area and distance from the project site,**

(ii) **Status of clearance from National Board for wild life.**

No, the project is in declared Industrial Area. We have also requested DFO to provide the letter regarding the distance from the forest, which is in process.

11. Waste Management

(i) **Water requirement, source, status of clearance –**

9.0 KLD of water shall be required. The requirement shall be met by SIPRA Shudhjal Seva, Public health engineering

(ii) **Waste water quantity, treatment capacity, detail**

7.0 KLD wastewater shall be generated. We will install zero liquid discharge system (Effluent Treatment Plant followed by RO & MEE)

(iii) **Recycling / reuse of treated water and disposal**

Treated water shall be reused in washing/cleaning activities and plantation.

(iv) **Solid Waste Management**

Non hazardous solid waste like corrugated boxes shall generate, which will sold to recyclers.

(v) **Hazardous Waste Management –**

All the hazardous waste shall be disposed only through M.P Waste Management Facility. List of hazardous waste is given below-

S.No.	Hazardous Waste	Category	Quantity (in MT/yr)
1	Used or spent oil	5.1	60.000
2	Wastes or residues containing oil	5.2	5.000
3	Process Residue and wastes	28.1	5.000
4	Spent carbon	28.3	32.000
5	Off specification products	28.4	2.000
6	Spent solvents	28.6	80.000
7	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	33.1	80.000
8	Chemical sludge from waste water treatment	35.3	20.000

12. Other details

(i) Noise Modeling with noise control measures for airports

Not applicable

(ii) Details of water bodies, impact on drainage if any

No major impact on water bodies.

(iii) Details of tree cutting Not applicable

(iv) Energy conservation measures with estimated saving

We shall use energy efficient lighting system in the office area

(v) Green belt development (20 % of construction projects and 33 % for others)

(vi) Parking requirement with provision made

Not required as workers shall mainly travel through local conveyance.

13. If the project involves foreshore facilities

(i) Shoreline study

(ii) Dredging details, disposal of dredge material

(iii) Reclamation

(iv) Cargo handling with dust control measures

(v) Oil Spill Contingent Management Plan

Not applicable

14. If the project involves Marine disposal

(i) NOC from PCB in case of marine disposal

(ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9

(iii) Location of intake / outfall. Quantity

(iv) Detail of monitoring at outfall

(v) Any other relevant information :Not Applicable

15. Other information

(i) Investment/Cost of the project - Rs 7.7 (in crore).

(ii)Employment potential - 140 nos.

(iii)Benefits of the project There is a strong demand for Diketone as it is consumed in production of ATROVASTATIN i.e. for cholesterol reduction.

N-Amino-2-Methyl Pyrolidine goes with Antacid and market is growing

16. Date of Ground water clearance: Not Applicable

17. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.

S.no.	Activities	Approx Investment (in lac)
1	Plantation activities	3.0
2	Wastewater Management (Zero Discharge)	35.0
3	Environmental Monitoring	5.0
4	Training and Awareness	1.5

18. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.

S.No.	Plantation
1	Ashok
2	Neem
3	Peepal

4	Morsali
5	Jharul Tree
6	Karanj
7	Kadam
8	Seesam
9	Gudhal
10	Champa

19. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.--Kshipra River Ujjain – 5.2 km

The case was presented by the PP and their consultant in 309th SEAC meeting dated 23/03/2018, wherein during presentation PP informed that it's an existing unit and was in operation on the basis of consent and they have stopped the production of earlier products. PP further submitted that the proposed new products falls within the perview of EIA Notification, 2006 and thus they have applied for the grant of EC. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR:

1. PP should provide entire product mix in the EIA report.
2. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
3. Details of solvents and their recovery plan should be discussed in the EIA report.
4. VOC should be monitored in the AAQ.
5. All MSDS should be provided with the EIA report.
6. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
7. Concerned Regional Officer, MP Pollution Control Board must be informed about the monitoring locations and monitoring should be carried out under intimation to him.
8. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
9. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
10. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
11. The EIA report should clearly mention activity wise EMP and CSR 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 CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.

12. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
13. 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.
14. 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.
15. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
16. The EIA document shall be printed on both sides, as far as possible & all documents should be properly indexed, page numbered.
17. Period/date of data collection should be clearly indicated.
18. The letter /application for EC should quote the SEIAA file No. and also attach a copy of the letter prescribing the TOR.
19. 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.
20. 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.
21. Grant of TOR does not mean grant of EC.
22. 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.
23. 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.
24. 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.

PP has submitted EIA vide letter dated 03/05/18 which was forwarded through SEIAA vide letter no. 275 dated 07/05/2018, which was placed before the committee.

The case was presented by the PP and their consultant wherein PP submitted that the project is located in an industrial area and proposal is for production of drug intermediate. For treatment of effluent, modification in treatment plant is also proposed. PP further submitted that it's an existing unit and since the proposed new products falls within the perview of EIA Notification, 2006 they have applied for the grant of EC. After presentation, PP was asked to submit response on following:

1. Compliance to TOR point no-13.
2. Disposal of C&D wastes.
3. Volume of ash generated and its disposal plan to be submitted by the PP.
4. Revised water balance chart is to be submitted by the PP.
5. Revised Plantation as suggested by the committee during presentation.

PP vide letter dated 18.06.2018 submitted reply of the above query. The query reply was discussed and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC for M/s Omkar Chemicals, Plot No. 19, 20, 21 Industrial Area, Nagihiri, Dewas Road, Ujjain, MP – 456010 for Manufacturing of Drug Intermediate . Proposed capacity- 274 MT/Year, Area 4700 SQM, subject to the following special conditions:

1. The EC shall be valid for following products and given capacity:

S. No	Name of Products	Production Capacity (Tons/ Annum)
1	Diketone	120
2	N-Ethyl-2-Aminomethyl Pyridine	48
3	2-Amino Pyridine	100
4	6-Bromo Veratradelhyde	6
TOTAL CAPACITY		274 MT/Year

(A) PRE-CONSTRUCTION PHASE

2. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
3. For dust suppression, regular sprinkling of water should be undertaken.
4. PP will obtain other necessary clearances/NOC from respective authorities.

5. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

(B) CONSTRUCTION PHASE

6. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
7. Fire extinguishers should be provided on site during construction/ plant erection period.
8. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
9. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
10. 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 EIA 350 no's trees in four years will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
11. MSW of various labours generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
12. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
13. The total water requirement for the proposed project is 10.0 KLD.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

14. The total power requirement for project will be 550 HP. The power will be supplied by Madhya Pradesh Electricity Board, Ujjain.
15. No industrial effluent from the unit shall be discharged outside the plant premises and Zero discharge shall be maintained. For treatment of effluent ETP and MEE of 10 KL each shall be installed. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
16. Height of proposed stacks shall be as per statutory requirement. All the stacks will have Stack Monitoring Facility consisting of sampling port-hole, platform and access ladder.

17. Bag Filters and venturi scrubber shall be installed for proposed boilers and scrubbers.
18. The spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDf, Dhar.
19. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
20. Hazardous wastes should be disposed off as per the authorization issued by MP Pollution Control Board.
21. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
22. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
23. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
24. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
25. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
26. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
27. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
28. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
29. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
30. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.
31. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended, the Public Liability Insurance Act for handling of hazardous chemicals, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016, MSIHC Rules 1989 etc.

32. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
33. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
34. Ultrasonic/Magnetic flow/Digital meters shall be provided at all water abstraction points and records for the same shall be maintained regularly.
35. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.

(D) ENTIRE LIFE OF THE PROJECT

36. The proposed EMP cost is Rs. 107.3 lakhs and out of which the Environment Monitoring Cost for the project is 8.0 lakhs and Rs. 3.0 lakhs is proposed for green belt development, out of that Rs. 0.35 lakh is for causality replacement and maintenance of the plants.
37. Under CSR activity, Rs. 5.01 lakhs / year are proposed for different activities.
38. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored 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.
39. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
40. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
41. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
42. 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.

5. Case No. - 5655/2018 Shri Puran Mal Aanjana, S/o Shri Ram Lal Aanjana, R/o Aanjana Complex, Tagore Marg, Tehsil & District - Neemuch, MP Prior Environment Clearance for Laterite Mine in an area of 10.0 Ha. (50,000 MTPA) at Khasra no.-12/1, Village- Soniyana, Tehsil - Neemuch, Dist. Neemuch (MP).

Prior Environment Clearance for Laterite Mine in an area of 10.0 Ha (50,000 MTPA) at Khasra no.-12/1, Village- Soniyana, Tehsil - Neemuch, Dist. Neemuch (MP)

PP has submitted EIA report which was forwarded by the SEIAA vide letter no. 1811 dated 28/02/2018.

This case was again scheduled for EIA Presentation in the 312th SEAC meeting dated 17/04/2018 wherein it was recorded: Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 310th SEAC meeting dated 24/03/2018. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

Today, this case was scheduled in the meeting as PP vide letter no.- PMA/17-18/25 dated 04/05/2018 has requested for extension in validity of TOR for one year as a delay has been caused in the process of obtaining NOC from Tehsildar as a result of which the validity of TOR has expired. The committee observed that the TOR was issued by MoEF & CC on dated 23/01/2015 its validity was up to 22/01/2018 and as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (Part) dated 08/10/2014 it can be further extended for one year by regulatory authority. The case was presented by the PP and their consultant wherein PP informed that there is no change in the location and capacity of the project and thus their TOR may be extended for one year. The Committee recommends that since PP has applied for the TOR validity extension on dated 04/05/2018, the TOR's validity can be further extended for one more year with validity up to 21/01/2019 as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (Part) dated 08/10/2014.

6. Case No. – 5678/2018 Shri Shrikanmt Pandey, R/o Gandigram, Sihora, Jabalpur, MP – 482001 Prior Environment Clearance for Laterite, Iron Ore and Manganese Mine in an area of 4.0 Ha. (Laterite – 96,415 ton per annum, Iron Ore – 12,265 ton per annum) (Khasra no. 148) at Village- Hirdengar , Tehsil - Sihora, Dist. Jabalpur (MP).

This is case of Laterite, Iron Ore and Manganese Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 148) at Village- Hirdengar, Tehsil - Sihora, Dist. Jabalpur (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

This case was scheduled in this meeting where PP and consultant were present, and during discussion and persuals of the documents it was observed by the committee that this is the case of violation as PP has already done production without obtaining the prior environmental clearance in terms of the provisions of the EIA Notification, 2006 and thus identified to be in violation of the same.

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

Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC under following specific conditions for conducting the EIA along with following additional TOR's and as annexed as Annexure-D :-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Hydro geological studies should be carried out and be discussed in the EIA report.
5. Detailed plantation scheme with budgetary allocations be provided in the EIA report.
6. Mine water management plan be provided in the EIA report.
7. Land use plan should be plotted on the map.
8. Assessment of Ecological damage by this project and its Remediation Plan should be discussed in the EIA report.
9. Natural and community resource augmentation plan should be discussed in the EIA report.
10. Year wise quantity of production carried out till date, quantity of product sold with its market value and royalty paid.
11. Cumulative impact should be studied as proposed site is surrounded by other mines.
12. Minimum six monitoring locations shall be selected for Air, Noise and Water.

13. Environmental Cost Benefit analysis should be carried out and submitted with the EIA report.
14. Environmental Policy of the company issued by the director with environmental management cell should be submitted with the EIA report.
15. Issue like storm water management plan, mine water discharge, safety barrier zone with the neighboring mines etc. should be properly addressed in the EIA.
16. Details of afforestation done till date with name and number of species and proposed plantation scheme should be provided in EIA with supporting photographs.
17. Proposed workers facilitate and workers welfare scheme should be discussed in the EIA report with financial allocations.
18. Any alternate route avoiding the nearby habitations.
19. Land use plan should be plotted on the map.

7. Case No. – 5684/2018 Shri Harish Khandelwal, S/o Shri Ranchordas Khandelwal, 138/G, Vallabh Bhai Patel Marg, Main Dhar Road, Ward No. 3, Manawar, Tehsil - Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Limestone Mining Project in an area of 4.502 Ha. (8000 cum per annum) (Khasra no. 1/1/3, 5/1/1/1/1/6, 5/1/1/1/1/1/1/2 k, 5/1/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (MP).

This is case of Limestone Mining Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 1/1/3, 5/1/1/1/1/6, 5/1/1/1/1/1/1/2 k, 5/1/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (MP) 4.502 Ha. The project requires prior EC before commencement of any activity at site. PP has submitted ToR application forwarded by the SEIAA vide letter no. 740 dated 22/5/2018. Following details were provided by the PP:

S. no.	Item	Details
1	Name of the project & its Consultants	Sitapur Limestone Mining Project, Production Capacity – 20,000TPA, M.L. Area-4.502 ha., in Village: Sitapuri, Tehsil: Manawar, District: Dhar, Madhya Pradesh
		Consultant Name- M/s Overseas Min-Tech Consultants ISO 9001:2008 & NABET Accredited Certificate No.: NABET/EIA/1720/RA0091, Serial No. 109 5 th Floor, Apex Tower, Tonk Road, Jaipur

		(Raj.), Tel No.: 0141-2744509																					
2.	Name of the Company, Address Tele No. & E-mail:	Shri Harish Khandelwal S/o Shri Ranchordas Khandelwal, 138/G, Vallabh Bhai Patel Marg, Main Dhar Road, Ward no.-3, Manawar Tahsil- Manawar, District - Dhar, State- Madhya Pradesh, PIN Code – 454446 Mail id:-ljcmanawar@gmail.com Contact no.-919893540841																					
3.	Latitude and Longitude of the Project	<table border="1"> <thead> <tr> <th>Pillars</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>22°20'48.3" N</td> <td>75°05'42.2" E</td> </tr> <tr> <td>B</td> <td>22°20'46.1" N</td> <td>75°05'45.7" E</td> </tr> <tr> <td>C</td> <td>22°20'50.3" N</td> <td>75°05'45.3" E</td> </tr> <tr> <td>D</td> <td>22°20'53.2" N</td> <td>75°05'48.1" E</td> </tr> <tr> <td>E</td> <td>22°20'58.4" N</td> <td>75°05'47.6" E</td> </tr> <tr> <td>F</td> <td>22°20'56.6" N</td> <td>75°05'43.0" E</td> </tr> </tbody> </table>	Pillars	Latitude	Longitude	A	22°20'48.3" N	75°05'42.2" E	B	22°20'46.1" N	75°05'45.7" E	C	22°20'50.3" N	75°05'45.3" E	D	22°20'53.2" N	75°05'48.1" E	E	22°20'58.4" N	75°05'47.6" E	F	22°20'56.6" N	75°05'43.0" E
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4.	If a Joint venture, the name & Address of the JV partners including their share	Not applicable																					
5.	Project brief: nature of proposal (new/expansion,) total area-land use, project components, connectivity to the site etc.	<table border="1"> <tbody> <tr> <td>Nature of proposal</td> <td>New (Limestone Mining)</td> </tr> <tr> <td>Total area-land use</td> <td>Private land - 4.502 Ha</td> </tr> <tr> <td>Project components</td> <td>Water requirement- 10.43 Man Power-24</td> </tr> <tr> <td>Connectivity to the site</td> <td>SH-38 ~ 2.50 km in west direction from mine site. NH-59 ~28 km in NE direction from mine site.</td> </tr> </tbody> </table>	Nature of proposal	New (Limestone Mining)	Total area-land use	Private land - 4.502 Ha	Project components	Water requirement- 10.43 Man Power-24	Connectivity to the site	SH-38 ~ 2.50 km in west direction from mine site. NH-59 ~28 km in NE direction from mine site.													
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Connectivity to the site	SH-38 ~ 2.50 km in west direction from mine site. NH-59 ~28 km in NE direction from mine site.																						
6.	Whether the project is in the Critically Polluted Area (CPA)	No, the mining lease area doesnot fall in theCritically Polluted Area (CPA)																					
7.	Cost of the Project	80 Lac.																					
8.	Employment generated/to be generated	There will be 24 semi-skilled and unskilled workers required for the mines who will be recruited from																					

		Neighboring villages.
9.	Benefits of the project	There is an overall positive effect on social life of the local people as they get job opportunity near to their residence, and mining activity will benefits them directly or indirectly. As far as social and economics is concerned, the financial and living standards of the employees get improved. It provides support to their meagar income and improvement in overall, living standard and restricts migration of people to other area.
10.	Whether new or expansion project. If expansion: I from.... MT to.... MT ii what is the % of expansion	New mining lease area.
11.	If for expansion, whether the application is under 7 (ii) of the EIA Notification, 2006,	Not applicable
12.	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF	Not applicable
13.	No. and Date of the ToR/ and revised ToR, if any, letter issued by the authority.	Not Applicable, This project has been schedule for First Technical Presentation (for ToR).
14.	No. and date of the EC and the revised the 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, This project has been schedule for First Technical Presentation (for ToR).
15.	If the project was considered in EAC, PI. Gives dates of the meeting (s).	Not Applicable, This project has been schedule for First Technical Presentation (for ToR).
16.	Type of Mine: (Open cast/Underground/mixed):	Open cast Mining project
17.	Capacity of the mine applied for	20,000TPA
18.	ML Area i. As per block allotment	i) 4.502 ha

	ii. As per approved mine plan	ii) 4.502 ha												
19.	Date of approval of mine plan, mine closure plan, status & date	The mining plan with progressive mine closure plan has been approved by Ministry of Mines, IBM, Nagpur vide letter No. DHR/LST/MPLN-1154/NGP dated 31.12.15.												
20.	Date of Board's approval:	Not applicable												
21.	Date of ground water clearance:	Total water requirement is 10.43 KLD. Drinking and domestic purpose water (1.08 KLD) will be taken from tube wells situated near the mine lease area Remaining 9.35 KLD water will be met from rain water harvesting. constructed in the pit which will be used for dust suppression, afforestation and Jhiri cutting respectively. Applicant will approach the ground water Board & get requisite permission.												
22.	Date of mine closure approval	The mining plan with progressive mine closure plan has been approved by Ministry of Mines, IBM, Nagpur vide letter No. DHR/LST/MPLN-1154/NGP dated 31.12.15.												
23.	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.	Environment Management Plan (EMP) & Corporate Social responsibilities (CSR) is enclosed as Annexure 1 .												
24.	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions is enclosed as Annexure 2 .												
25.	Any river/Nallha flowing near or adjacent to the proposed mine. if yes, please give details.	<table border="1"> <thead> <tr> <th>Water Bodies</th> <th>Distances</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Man River</td> <td>700 m</td> <td>West</td> </tr> <tr> <td>Man Dam</td> <td>6.5 km</td> <td>North</td> </tr> <tr> <td>Water body</td> <td>2.5 km</td> <td>SE</td> </tr> </tbody> </table>	Water Bodies	Distances	Direction	Man River	700 m	West	Man Dam	6.5 km	North	Water body	2.5 km	SE
Water Bodies	Distances	Direction												
Man River	700 m	West												
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		Nala	2.7 km	East	
		Nala	1.2 km	West	

The case was presented by the PP and their consultant, wherein committee after deliberations decided that being it's a case of Limestone Mine and falls under B-1 category 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:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
 2. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
 3. Transportation plan & traffic management plan should be discussed in the EIA report.
 4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
 5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
 6. Level of mechanization should be discussed in the EIA report.
 7. Hydro geological study should be carried out if ground water intersection is proposed.
 8. Top soil management plan should be addressed in EIA report.
 9. Input data of modeling should be addressed in EIA along with this all back up calculation.
 10. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
 11. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
 12. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.
 13. PP would follow environmental extend rules.
 14. Details of blasting to be provided in the final EIA report.
 15. Water balance chart to be submitted by the PP showing ZLD.
 16. Over-head sprinkling system to be proposed.
- 8. Case No. – 5685/2018 Sarpanch/Sachiv, Gram Panchayat Mohana, Tehsil - Ajaygarh, Dist. Panna (MP) – 488220 Prior Environment Clearance for Sand Deposit in an area of 12.0 Ha. (1,51,650 cum per annum) (Khasra no. 1463) at Village- Mohana No. 1, Tehsil - Ajaygarh, Dist. Panna (MP)**

This is case of Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 1463) at Village- Mohana No. 1, Tehsil - Ajaygarh, Dist. Panna (MP) 12.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 1052 dated: 19/4/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine around the said mine with total area of 18.00 ha including this mine.

The case was presented by the PP and their consultant wherein during presentation and discussion it was observed as per the Google Image that the lease is submerged in water body and out of 12.00 ha area only 6.74 ha is available for sand mining and in the sanctioned mining plan, depth of mining is 2.5 mts. Considering the approved depth of mine plan demanded volume of sand can be evacuated. Committee after discussion and perusal of the documents & presentation asked PP to submit response on the following queries:

1. Revised Plantation details as suggested by the committee during presentation.
2. Revised CSR as suggested by the committee during presentation.

PP has submitted the reply of above query vide letter dated 18/06/2018 which was placed before the committee and same was found to be acceptable to the committee. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 1,51,650 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- The lease area should be clearly distinguished and earmarked at the site.
- No diversion of active channel should be allowed for mining.

- A budgetary provision for Environmental management Plan of Rs. 7.50 lacks (capital) is made with a recurring expenditure of 3.40 Lacks/year. 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. Under CSR Rs. 3.50 lacks/year is proposed for various activities. A separate bank with cost sheet account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

9. Case No. 5699/2018 Sarpanch/Sachiv, Gram Panchayat Beera, Tehsil - Ajaygarh, Dist. Panna, MP – 458586 Prior Environment Clearance for Sand mine in an area of 6.00 Ha. (59,220 cum per annum) (Khasra no. 01) at Village- Beera, Tehsil - Ajaygarh, Dist. Panna (MP)

This is case of Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 01) at Village- Beera, Tehsil - Ajaygarh, Dist. Panna (MP) 6.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 1150 dated: 25/6/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. Committee after discussion and perusal of the documents & presentation asked PP to submit revised CSR and bifurcated EMP in capital and recurring cost.

PP has submitted the reply of above query vide letter dated 18/06/2018 which was placed before the committee and same was found to be acceptable to the committee. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 59,220 cum/year.

- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- The lease area should be clearly distinguished and earmarked at the site.
- No diversion of active channel should be allowed for mining.
- A budgetary provision for Environmental management Plan of Rs. 3.50 lacks (capital) is made with a recurring expenditure of 2.60 Lacks/year. 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. Under CSR Rs. 1.60 lacks/year is proposed for various activities. A separate bank with cost sheet account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

(Dr. Mohd. Akram Khan)
Member

(Dr. R Maheshwari)
Member

(Dr. J. P. Shukla)
Member

(Prashant Shrivastava)
Member

(Dr. Sonal Mehta)
Member

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
8. Transportation shall not be carried out through forest area.
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.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. 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.
15. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the 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.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies 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.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
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 depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure 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.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. 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.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. The amount towards reclamation of the 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.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. The mining activity shall be done manually.
7. Heavy vehicles shall not be allowed for removal of sand.
8. The sand shall be transported by small trolleys up to the main transport vehicle.
9. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
10. No Mining shall be carried out during Monsoon season.
11. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
12. NOC of gram panchayat should be obtained for the water requirement.
13. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
14. The mining shall be carried out strictly as per the approved mining plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. 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.
2. An inventory of flora & fauna based on actual ground survey shall be presented.
3. Risk factors with their management plan should be discussed in the EIA report.
4. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
5. The EIA document shall be printed on both sides, as far as possible.
6. All documents should be properly indexed, page numbered.
7. Period/date of data collection should be clearly indicated.
8. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.

9. 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.
10. 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.
11. Grant of TOR does not mean grant of EC.
12. 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.
13. 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.
14. 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.
15. All the necessary NOC's duly verified by the competent authority should be annexed.
16. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
17. The EIA report should clearly mention activity wise EMP and CSR 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 CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
18. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
19. 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.
20. 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.
21. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
22. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.