

The 521st meeting of the State Expert Appraisal Committee (SEAC) was held on 14th October, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

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

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

1. **Case No. – 6348/2019 M/s Kutch Chemical Industries Ltd, Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP Prior Environment Clearance for Proposed Project for Manufacturing of Synthetic Organic Chemicals at Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP. Env. Consul. M/s. EQMS .**

This is a case Prior Environment Clearance for Proposed Manufacturing of Synthetic Organic Chemicals (Capacity – 8300 MTPM) at Plot No. 189, 191, 192, AKVN Industrial Area, Village and Tehsil - Meghnagar, Dist. Jhabua, MP. The proposed project falls under item no 5(f) i.e. Synthetic organic chemicals.

BACKGROUND

The case was presented by PP and their consultant in the 392nd SEAC meeting dated 29/08/2019 wherein committee deliberated that the existing dye & dyes intermediate industries in Meghnagar IA are unable to manage the wastes properly and situation in Meghnagar IA is critical. PP stated that the proposed manufacturing of dye & dyes intermediate will be based on hydrogenation based technique avoiding generation of iron sludge considering the current situation in Meghnagar I.A.

Earlier this case was scheduled for presentation and discussion in 425th SEAC dated 26/02/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 7/9/2021 which was forwarded through SEIAA vide letter no.2005 dated 27/9/21 and the same was scheduled in the agenda.

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.

2. Case No 8146/2021 M/s Radharani Stone Industries, Shri Yatendra Singh Chauhan, Partner, 21, Vivek Nagar, Gird, Dist. Gwalior, MP - 474001 Prior Environment Clearance for Stone Quarry in an area of 1.820 ha. (100000 cum per annum) (Khasra No. 36/1, 36/2, 36/3, 36/4, 36/5), Village - Chandrapura, Tehsil - Morar, Dist. Gwalior (MP) Env. Consul. M/S GREEN CIRCLE, INC., Vadodara – Guj.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 36/1, 36/2, 36/3, 36/4, 36/5), Village - Chandrapura, Tehsil - Morar, Dist. Gwalior (MP) 1.820 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. QL07/2019 dated: 21/01/2021 has reported that there are 08 more mines operating or proposed within 500 meters around the said mine total area of 35.604 ha., including this mine. Further PP has addressed kachhi road which is >50 meters in the SW

Earlier this case was scheduled for presentation and discussion in 479th SEAC dated 11/02/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 13/9/2021 which was forwarded through SEIAA vide letter no.1861 dated 13/9/21 and the same was scheduled in the agenda.

The EIA was presented by Env. Consul. Shri Bhupendra, from M/S GREEN CIRCLE, INC., Vadodara, RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP before the committee, wherein following salient features submitted by PP:

Particular	Details	
Area & Lease period of mine	1.820 ha & 10 year	
Cluster Situation (B1 or B2- please justify)	B1	
Toposheet no. & Khasra No.	54 J/7 & 36/1, 36/2, 36/3, 36/4, 36/5	
Total Geological Reserve	8,00,800 m ³	
Available Minal Reserve	4,36,300 m ³	
Production/year & Vehicle movement/day	1,00,000 m ³ /year stone	
Expected Life of Mines	5 Years	
Method Of Mining	Opencast semi-mechanized method	
Drilling & Blasting	Wet drilling & Controlled & Muffled Blasting	
Elevation Profile of mine site	170 to 178 MSL	
Conceptual Pit Depth	40 mtr	
Height & width of bench	No. of bench : 5, Bench height- 6m , width 6m	
General ground water table (post monsoon level)	55-60 mbgl	
Does ground water intersection proposed	No	
Man Power (Skilled & Un-skilled)	28	
Project Cost as per PFR	Rs. 1.0 crores	
Proposed EMP Cost (Rs in Lakhs)	Capital-Rs. 11,46,000	Recurring- Rs. 4,02,000
Any litigation pending (if yes, provide details)	No any	
Located in critically polluted area (yes/no)	No	

During presentation, PP submitted an inventory of existing trees within mine lease area was prepared and accordingly there are 11 trees having girth more than 18 cm remaining are the shrubs having girth less than 18 cm & height less than 120m. Out of 11 trees, 02 Neem trees are existing the barrier zone hence shall remain intact. Remaining 09 trees (04 of Babool, 03 Sheesham & 02 Palash) will be uprooted after taking due permission from the competent authority. In order to compensate proposed tree falling, additionally, 90 trees will be planted in the first year itself. It was also observed by the committee that points which were raised in the PH are addressed by the PP in the EMP. During scrutiny of document it was observed by the committee that

information uploaded online in from-II needs correction. Since SEAC is appraising cases on the basis of documents and details uploaded online, thus all the mandatory information shall be precisely uploaded online for appraisal of case and to avoid unnecessary delay. After presentation committee asked PP to submit response on following issues and revised/updated information in From-II, such as:

1. Form-2- In point no. 14.6- How pre monsoon and post monsoon GW level the same-justify?
2. Form-2- In point no. 35-5 –needs revision as quantity shall be mentioned in million ton and shall be in line with the figures mentioned in EIA report (table 1.6.2)
3. Form-2- In point no. 38-x, expired validity certificate of consultant is uploaded.
4. PP's commitment for 10 time's additional plantation (i.e. 90 nos.) as compensatory plantation in the first year.
5. Commitment of PP that kachha road will be made pucca (Tar road) as a part of public hearing issue and commensurate budgetary allocation shall be made in the EMP.
6. A water body is existed in the east and southeastern side of lease thus its protection plan and proposal for any set back shall be submitted.
7. The reported peak value of PM10 is 92.6 and incremental GLC is 2.8 (Projected PM 10 value 95.8) thus proposed mitigation measures needs to be relooked and submitted as suggested by committee.
8. In water quality the reported value of suspended solids is <2 (as per APHA method) which needs to be relooked and confirmed.
9. During presentation as a part of compliance of TOR point no. 03 PP has mentioned both mining though Rock breaker & blasting, please clarify.
10. Revised EMP with budgetary allocations for tree plantation as follows:

Sl.NO.	Location	Amount
1.	Within lease boundary which is properly fenced.	Rs.150/plant
2.	Along the evacuation/village road with tree guard and maintainence. (03 years)	Rs. 500/plant.
3.	For distribution in village residents.	Rs. 50/plant
4.	Within school/ Panchayat / Aganwadi building having boundary.	Rs.150/plant

11. Proposal for sowing of Neem, Kastar, Proposis, Jatropha along the lease boundary as suggested by committee.
12. Revised CER addressing all the issues raised during public hearing and additionally propose Environmental awareness camps & health check-up camps at village level with physical & financial targets as suggested by the committee.

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

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

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

In the 463rd SEAC Meeting dated 01/10/2020 the PP and their consultant presented the EIA before the committee the salient features of this project are as:

- Proposed expansion of opium processing and alkaloids manufacturing plant is located at bungalow No. 57, Beside Ashish Bhawan Church, Station Road, Neemuch-458441, District Neemuch, Madhya Pradesh
- Total Capacity of Project after Expansion will be 30.0 Tons/Annum
- As per EIA Notification 2006; proposed expansion project fall under Category 5 (f) “Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) as per EIA Notification, 2006.
- As per EIA Notification 2006; earlier the project categories as Category “A” project hence application for ToR approval was accepted by EAC, MoEFCC dated 23rd April 2018
- Standard ToR for Environmental Impact Assessment for the project was issued from EAC Industry-2 dated 24th May 2018 as per ToR Letter No. No.IA-J-11011/90/2018-IA-II(I). Proposal number is IA/MP/IND2/73419/2018
- Baseline Environmental Studies was conducted from 1st March 2018 to 31st May, 2018 considering one Non Monsoon season

- Considering the recent MoEFCC, SO No. 1223 (E) dated 27th March, 2020; “All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API), received up to the 30th September 2020, shall be appraised, as Category ‘B2’ projects hence Application for project for Environmental Clearance is submitted under B2 Category.

Chronology of Project:

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

During scrutiny of document it was observed by committee that there are several discrepancies in the report submitted by PP. Some of them are following:

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

- Details of any risk assessment study carried out.

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

Earlier case was discussed in 463rd SEAC Meeting dated 01/10/2020 and the case was recommended for delisting. PP requested vide letter no. PM/R&D/MPPCB/2017 dated 03/11/2020 for relisting and SEIAA relisted the case and same was forwarded to SEIAA letter no. 5093 dated 07/12/2020.

The case was scheduled in 470th meeting dated 18/12/2020 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation.

SEIAA vide letter 5053/SEIAA/2020 dated 07-12-2020 case relisted and send technical file to SEAC along with PP request letter dated 03.11.2020.

The case was presented by PP and their consultant wherein during appraising the query reply presentation PP was asked to submit following clarification for further consideration of the project:-

1. Revised list of proposed products for EC because out of 23 proposed products quantities for only 08 have been mentioned. Thus exact details with quantity shall be provided for which EC is sought.
2. Material balance and mass balance of the products used in the process.
3. PP Undertaking that no additional construction shall taken up in the existing infrastructure.
4. Proposal for clean fuel based boiler of proposed 2.5 TPH capacities shall be submitted instead of traditional fuel based boiler.
5. The existing 01 boiler is proposed for dismantling thus details of C&D and its disposal plan shall be submitted..
6. Revised water balance chart, why there is no water consumption for existing green belt?
7. Man power requirement after expansion.
8. Revised details of BOD/COD as per compliance condition no.03.
9. Flow diagram of ETP process with numeric value.
10. Undertaking that solvent recovery shall be >95%.
11. Source of empty barrels and spent carbon.

12. Technical details of proposed Ozonator (1.4 kg/hr) at the inlet and PP's commitment for its installation.
13. Please refer EIA page 107 wherein the period of monitoring is mentioned as 1st March to 31st March-please justify.

The case was delisted in 676th SEIAA meeting dated 09/4/21 as per recommendation of SEAC. Now on request of PP the case was discussed in 683rd SEIAA meeting dated 27/8/21 and recorded that "Now through email dated 02/08/21. PP has submitted queries reply raised in 473rd SEAC meeting dated 07/1/2021 and requested to re-list the case accordingly. The matter was discussed and decided to re-list the case and send to SEAC along with technical file for further procedure.

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.

4. Case No 8699/2021 Shri Durga Prasad S/o Shri Mangilal Chandrawanshi, Village – Jamonya Johar, Tehsil - Narsingharh, Dist. Rajgarh, MP Prior Environment Clearance for Murrum Quarry in an area of 1.0 ha. (5500 cum per annum) (Khasra No. 507/2), Village - Jamonya Johar, Tehsil - Narsingharh , Dist. Rajgarh (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal.

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 507/2), Village - Jamonya Johar, Tehsil - Narsingharh , Dist. Rajgarh (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP wherein PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1107 dated 07/9/21 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Water body /Check dam	480	SW	Provision of Garland drain & settling tanks.
NH	640	East	Three rows of Plantation towards road side.
Road	520	East	Three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. Revised plantation species with appropriate plants numbers and seed sowing in the barrier zone as suggested by the committee.
2. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .
3. Revised CER adding Environmental awareness camps & health check-up camps at village level with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 13.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murum 5,500 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.9.42 Lakh as capital and Rs. 2.42 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme.

5. Case No 8668/2021 M/s Vairat Infra Pvt. Ltd, Director Shri Lucky Patidar Indore, MP Prior Environment Clearance for Stone & M-Sand Quarry in an area of 3.920 ha. (Stone – 40,000 cum per annum, M-sand – 30,000 cum per annum) (Khasra No. 1091/1/1/1, 1091/1/2, 1091/1/3, 1091/2), Village - Bhamori, Tehsil - Bagli, Dist. Dewas (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal.

This is case of Stone & M-Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1091/1/1/1, 1091/1/2, 1091/1/3,

1091/2), Village - Bhamori, Tehsil - Bagli, Dist. Dewas (MP) 3.920 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Pramanptara) letter No. 1800 dated 31/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.920 ha., including this mine. It was observed that in the Ekal certificate letter no. 1800 dated 31.08.21, 03 more mines are existed within 500 m, however 02 mines are lapsed and only 01 mine of 1.0 ha. is sanctioned. It was also observed by committee that mine plan has been sanctioned for stone & M-sand. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	within lease	Sparsely distributed	PP submitted that no tree felling is proposed.
Human settlement	790	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Kachcha Road	12	South	Set back of 10 meters and Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

During presentation, PP submitted that lease is sanctioned for mining of stone and M-sand manufacturing for ten years vide letter no. 1851 dated 07/09/21 and copy of this letter is attached with presentation. PP further submitted that mining and M-sand plant will be established on sanctioned lease bearing Khasra no. Khasra No. 1091/1/1/1, 1091/1/2, 1091/1/3, 1091/2 as by product after mining of stone. PP further submitted that out of 3.920 ha area, mining will be carried out on 21,327 sq. m. area and in rest of the area crusher plant, (Primary Jaw & secondary cone crusher) M-sand plant and other facilities will be developed. PP stated that during M-sand manufacturing water will be used for washing of sand and will be re-circulated through settling tank. However, water loss due to evaporation will be maintained with fresh water and settled sludge will be backfilled in the mined out area or for leveling work after sun drying. The proposed M-sand plant is based on VSI technique and screening of aggregate. Provision for dedicated area is provided in environmental layout plan for stock, dumps, machineries, site offices

and rest shelters etc and detailed layout of the plant is attached with the presentation. During presentation it was observed by committee that there are 10-15 trees in the lease which will not be uprooted as plant and machinery are proposed in that area and all the trees will be saved. During discussion it was also recommended by the committee that applicability of M-sand to be covered under EIA notification 2006 may be examined by SEIAA (PP has made the application in an area of 3.920 ha. for Stone – 40,000 cum per annum & M-sand – 30,000 cum per annum) and in this case M-sand is being recommended as by product since entire operations i.e. mining and M-sand plant is proposed on lease which is as per the approved mine plan. After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species with appropriate plants numbers and seed sowing in the barrier zone as suggested by the committee.
2. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .
3. Revised CER adding Environmental awareness camps & health check-up camps at village level and proposal for wild life habitat improvement in the consultation of DFO Dewas (w.r.t. Kheoni WLS), and proposal for development of medicinal plant garden in the local Aganwadi , repair of hand pump in the school, with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 13.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Applicability of M-sand to be covered under EIA notification 2006 may be examined by SEIAA.
2. Production shall be as per mine plan with quantity not exceeding for Stone 40,000 cum per annum, M-sand 30,000 cum per annum as by product.
3. A budgetary provision for Environmental management Plan of Rs.15.76 Lakh as capital and Rs. 07.79 Lakh/year.
4. As proposed, a minimum of 5000 trees shall be planted as per the submitted plantation scheme.

6. Case No 8675/2021 Shri Harsh Vijayvargiya S/o Shri Dilip Vijayvargiya, 52, Bhagat Singh Marg, Dist. Dewas, MP, Prior Environment Clearance for Stone Quarry in an area of 1.90 ha. (20,000 cum per annum) (Khasra No. 748, 753), Village - Morukhedi, Tehsil - Dewas, Dist. Dewas (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 748, 753), Village - Morukhedi, Tehsil - Dewas, Dist. Dewas (MP) 1.90 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1826 dated 03/9/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.96 ha., including this mine. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Water body	100	West	Provision of Garland drain & settling tanks.
Human settlement	250	North- West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Road	230 & 60	West & north	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

During presentation it was observed by the committee that a shed like structure is in existence on the western side of the lease for which PP submitted that it's a private storage space constructed by farmer for storing agricultural equipments/tools and have given his NOC for mining in nearby area. After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species with appropriate plants numbers and seed sowing in the barrier zone as suggested by the committee.

2. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .
3. Revised CER adding Environmental awareness camps & health check-up camps at village level and proposal for development of medicinal garden in the local Aganwadi , distribution of fodder and fruit species to the villagers, repair of hand pump in the school with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 13.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 20,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.09.92 Lakh as capital and Rs. 05.39 Lakh/year.
3. As proposed, a minimum of 2300 trees shall be planted as per the submitted plantation scheme.

7. Case No 8676/2021 Shri Arvind Sharma S/o Shri Ramnarayan Sharma, Village - Dongargaon, Tehsil - Susner, Dist. Agar Malwa, MP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (7500 cum per annum) (Khasra No. 839), Village - Dongargaon, Tehsil - Susner, Dist. Agar Malwa (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 839), Village - Dongargaon, Tehsil - Susner, Dist. Agar Malwa (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 947 dated 08/9/21 has reported that there are 02 more mines operating or

proposed within 500 meters around the said mine with total area of 5.0 ha., including this mine. During presentation PP has submitted revised MO for old / excavated mine details vide letter no. 947 dated 08.09.2021 wherein mentioned that 03 mines are existing within 500 m, out of this 02 mines in operation and the validity of the lease period of 03rd mine is expired, now total area shall be 5.0 ha.. As per Google image based on coordinates provided by PP it was observed that crusher installed within lease area and pit in lease area PP submitted old pit shown in surface map. After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species with appropriate plants numbers and seed of prosopis and neem sowing in the barrier zone as suggested by the committee.
2. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .
3. Revised CER adding Environmental awareness camps & health check-up camps at village level and proposal of development of medicinal garden in the local Aganwadi , with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 13.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 7500 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.09.64 Lakh as capital and Rs. 03.50 Lakh/year.
3. As proposed, a minimum of 1200 trees shall be planted as per the submitted plantation scheme.

8. Case No 8682/2021 M/s Sarthi Stone Aggregate, Partner Shri Bhupendra Singh, A-27, Ramdayal Nagar, Tehsil - Gird, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 4.0 ha. (200000 cum per annum) (Khasra No. 495, 500/1, 500/2, 504), Village - Sisoniya, Tehsil - Gohad , Dist. Bhind (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 495, 500/1, 500/2, 504), Village - Sisoniya,

Tehsil - Gohad , Dist. Bhind (MP) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 4223 dated 06/9/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	260 & 526	East & NW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Road	320	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species with appropriate plants numbers and seed sowing in the barrier zone as suggested by the committee.
2. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .
3. Revised CER adding Environmental awareness camps & health check-up camps at village level and proposal of development of medicinal garden in the local Aganwadi , with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 13.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 2,00,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.15.04Lakh as capital and Rs. 7.425 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.

9. Case No 8684/2021 M/s Guru Kripa Stone Crusher, Partner Shri Chandra Prakash, F-11, City Bazar, Thatipur, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 2.064 ha. (51000 cum per annum) (Khasra No. 792, 793), Village - Badera, Tehsil - Gohad, Dist. Bhind (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 792, 793), Village - Badera, Tehsil - Gohad, Dist. Bhind (MP) 2.064 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 4226 dated 06/9/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation wherein it was observed by committee that PP vide letter dated 14.10.21 has submitted a request for withdrawal of their application due to some unavoidable reason. Committee after deliberations decided that on the request of PP case may be considered for withdrawal and same may be sent to SEIAA for onward necessary action.

10. Case No 8658/2021 Shri Akshay Paal S/o Shri Khemchandra Paal, 20, Avantipura, Geeta Colony, Dist. Ujjain, MP Prior Environment Clearance for Stone and Murrum Quarry in an area of 4.0 ha. (Stone - 20768 cum per annum, Murrum - 5934 - cum per annum) (Khasra No. 307), Village - Gunaikhalsa, Tehsil - Ujjain, Dist. Ujjain (M.P.) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 307), Village - Gunaikhalsa, Tehsil - Ujjain,

Dist. Ujjain (M.P.) 4.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled in 516th meeting dated 23/09/2021 for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Pramanpatra) letter No. 4639 dated 22/3/21 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. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Human settlement	270	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Road	570	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species with appropriate plants numbers and prosopis seed sowing in the barrier zone as suggested by the committee.
2. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .
3. Revised CER adding Environmental awareness camps & health check-up camps at village level, proposal for habitat development and bamboo plantation along the Kshipra River with consent from forest department/revenue department,

development of medicinal garden in the local Aganwadi with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 13.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone – 20,768 cum per annum, Murrum – 5,934 cum per annum .
2. A budgetary provision for Environmental management Plan of Rs.15.13 Lakh as capital and Rs. 07.90 Lakh/year.
3. As proposed, a minimum of 4800 trees shall be planted as per the submitted plantation scheme.

11. Case No 8696/2021 M/s Phaloudi Construction & Infrastructure Pvt. Ltd, Shri Narendra Singh Gurjar, Authorised Person, 59-A, Rajharsh Colony, Kolar Road, Dist. Bhopal, MP - 462042 Prior Environment Clearance for Stone Quarry in an area of 1.480 ha. (50,000 cum per annum) (Khasra No. 270/3, 270/4), Village - Mundela, Tehsil - Lateri , Dist. Vidisha (MP) RQP Ms. Nikita Prajapati and Mr. Sishupal Verma, Bhopal.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 270/3, 270/4), Village - Mundela, Tehsil - Lateri , Dist. Vidisha (MP) 1.480 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Ms. Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 5516 dated 07/9/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP stated that this lease was obtained under temporary permit (TP). PP further submitted that no tree felling is proposed which are existed in the North –East & North –West corner of the lease and

this area shall be dealt as non- mining area and same has shown in the surface map. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	within lease	Sparsely distributed	PP submitted that no tree felling is proposed.
Human settlement	240	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Pucca Road	150	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species as Chirol, Neem, Karanj with appropriate plants numbers and seed sowing in the barrier zone as suggested by the committee.
2. PP commitment that no tree felling is proposed and plantation shall be carried –out within 01 years. .
3. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .
4. Revised CER adding Environmental awareness camps & health check-up camps at village level, proposal for plantation in Udaigiri Caves, in Vidisha, development of medicinal plant garden (trees/climbers/shrubs/herbs with the help of forest department) in the local Aganwadi, with physical & financial targets as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 13.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production shall be as per mine plan with quantity not exceeding for Stone – 50,000 cum per annum.

2. A budgetary provision for Environmental management Plan of Rs.10.28Lakh as capital and Rs. 2.36 Lakh/year.
3. As proposed, a minimum of 1800 trees shall be planted as per the submitted plantation scheme within 01 year.

12. Case No 8686/2021 Smt. Seema Agrawal W/o Shri Madan Agrawal, Village – Kasai, Tehsil - Lakhnadon, Dist. Seoni, MP – 480886 Prior Environment Clearance for Stone Quarry in an area of 1.85 ha. (19998 cum per annum) (Khasra No. 291), Village - Kasai, Tehsil - Lakhnadon , Dist. Seoni (MP) Amaltas Enviro Industrial Consultants LPP, Gurugram. Haryana.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 291), Village - Kasai, Tehsil - Lakhnadon , Dist. Seoni (MP) 1.85 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Environment Consultant Shri Varun Bhardwaj on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 274 dated 28/6/21 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 11.76 ha., including this mine. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	within lease	Sparsely distributed	Tree inventory with girth details & height and their management plan.
National highway	180	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
River	195	West	Provision of Garland drain & settling tanks.
Human settlement	70	East	Proposal of setback of 130 meters & Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

Being it's a case of cluster of more than 5.0 ha. area thus, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Tree inventory with girth details & height and their management plan.
2. Detailed evacuation plan considering gradient with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. Soil profile of the lease area shall be studied and discussed in EIA report.
4. River in the western side of the lease at 190 meters thus its protection plan shall be discussed in the EIA report.
5. Hydro- geological study should be carried out if any ground water intersection is proposed.
6. Top soil management plan should be addressed in EIA report.
7. Input data for air modeling considering huge transportation load should be addressed in EIA along with this all back up calculation.
8. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

13. Case No 8688/2021 Shri Sunil S/o Shri Banshilal, 912, Gavali Mohalla, Gavali Palisia, Dist. Indore, MP - 453441 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (15000 cum per annum) (Khasra No. 427/2), Village - Akawi, Tehsil - Mhow, Dist. Indore (MP) RQP Shri Ram Milan Pathak

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 427/2), Village - Akawi, Tehsil - Mhow, Dist. Indore (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Ram Milan Pathak on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 556 dated 29/6/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.550 ha., including this mine. As per Google image

based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
01 Trees	within lease	Sparsely distributed	01 tree PP submitted that this tree shall not be uprooted.
Road	60	East	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	615	East & NE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Submit compliance status report of the adjacent mine lease which is owned by same owner.
2. Revised plantation species as per the choice of the PP with appropriate plants numbers and seed sowing in the barrier zone as suggested by the committee.
3. PP commitment that no tree felling is proposed.
4. Revised EMP calculate the cost of plantation cost as plant with tree guard in the approach road @ Rs. 500, within lease plant cost @ Rs. 150/- , Plants cost distributing to villagers @ Rs. 50/- & plant cost School with boundary wall @ Rs. 150/- , plant cost school without boundary wall @ Rs. 500/- .
5. Revised CER adding Environmental awareness camps & health check-up camps at village level, development of medicinal plant garden (trees/climbers/shrubs/herbs with the help of forest department) in the local Aganwadi and solar light in school with respective their physical & financial targets as suggested by the committee.

14. Case No 8680/2021 Shri Anand Jaiswal S/o Shri Ramnarayan Jaiswal, Ward No. 18, Bhikangaon, Dist. Khargone, MP - 451001 Prior Environment Clearance for Stone Quarry in an area of 1.80 ha. (5044 cum per annum) (Khasra No. 66/1/2), Village - Shyamalipura, Tehsil - Bhikangaon, Dist. Khargone (MP) RQP Swati Namdeo.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 66/1/2), Village - Shyamalipura, Tehsil - Bhikangaon, Dist. Khargone (MP) 1.80 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Swati Namdeo on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-patra) letter No. 1936 dated 11/8/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on coordinates provided by PP around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	10	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Human settlement	430	East & NE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit response on following information such as:

1. Revised plantation species as suggested by committee and seed sowing in the barrier zone.
2. Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 13.10.2021. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5044 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.10.06 Lakh as capital and Rs. 1.15 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme within 01 year.

15. **Case No 8599/2021 M/s UltraTech Cement Ltd, Dr. K.V.Reddy Reddy, Senior Vice President & Corporate Head, Ahura Centre, 1st Floor, 'A' Wing, Mahakali Caves Road, Andheri (E), Dist. Mumbai, Mah. - 400093 Amendment in Prior Environment Clearance for Limestone Mine in an area of 68.91 ha. (0.27 Million Tonne per annum) Village - Budgawana, Baghwar & Ghorhatola, Tehsil - Rampur Naikin, Dist. Sidhi (MP). Env. Consultant- M/s. J.M. Enviro Net Pvt. Ltd, Jaipur.**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Village - Budgawana, Baghwar & Ghorhatola, Tehsil - Rampur Naikin, Dist. Sidhi (MP) 68.91 Ha. The project requires prior EC before commencement of any activity at site.

The case file along with Form-4 , PFR , Mining plan, EMP, DSR, NOC's and other relevant documents forwarded by SEIAA to SEAC vide no. 1555 dated 29.07.2021 for prior EC amendments .

The case was presented by the Mr. Ratnesh Shrivastav from M/s. UltraTech Cement Ltd and their Consultant M/s. J.M. Enviro Net Pvt. Ltd. in the SEAC 511st meeting dated 26-08-21 wherein PP submitted that they have applied for amendment in Existing EC Letter w.r.t reduction in lease area from 68.91 ha. to 60.671 ha. PP further stated that in this amendment in Existing EC there are no change proposed in the production capacity, water requirement, manpower requirement, power requirement Mining Technology and methodology etc. Following chronological details provided by PP:

S.N	Particulars	Date
1.	Mining Lease over an area of 68.91 Ha. was executed & registered in favor of M/s Jaiprakash Associates.	15.01.2007 & 21.03.2007
2.	Mine Lease area reduced 68.91 ha to 60.671 ha by the state Govt. vide letter no. F3-21/05/12/1 w.r.t area reduction due to restricted area of CWC Bansagar Canal	03.01.2009
3.	Supplementary Lease Agreement is executed for modification of the Mining Lease Agreement to the extent of the surrendered lease area	06.07.2009

4.	Final Mine Closure Plan was approved in the name of M/s. Jaiprakash Associates Limited	06.01.2015
5.	Review of Mining Plan was approved by IBM for 60.671 ha	17.01.2017
6.	All the business of JAL was transferred to UTCL	29.06.2017
7.	Mining Lease Area over an area of 60.671 ha was approved for transfer of Mining Lease from state government in the name of M/s. UTCL	25.05.2017
8.	MDPA was executed on and registered on (Common deeds).	24.06.2017 & 29.06.2017
9.	Mining Lease deed executed on and registered on	05.07.2017 & 05.08.2017
10.	Change of Name in review of Mining Plan from M/s. JAL to M/s. UTCL	19.04.2018.
11.	Supplementary Lease Deed w.r.t. validity extension has been executed and registered for 50 years valid up to 14.01.2057.	14.12.2018 & 22.12.2018
12.	Environment Clearance over an area of 68.91 ha was granted in the name of M/s. Jaiprakash Associates Limited (JAL)	13.05.2009
13.	Environment Clearance was transferred in the name of M/s. UltraTech Cement Limited	28.08.2017
14.	Consent to Establish for 60.671 ha has been obtained on valid up to 27.09.2022	13.02.2018
15.	Consent to Operate for 60.671 ha obtained on valid up to 31.05.2022	08.06.2019

HIGHLIGHTS OF THE PROJECT

S. No.	Particulars	As per Previous EC	After Modification	Remarks
A.	Mining Lease			

1.	ML Area	68.91 ha	60.671 ha	8.24 ha reduced due to <u>restricted area of CWC Bansagar Canal</u> as per state govt's letter dated 03.01.2009
	Government Land	22.80 ha	14.56 ha	
	Private Land	46.11 ha	46.11 ha	No Change
B.	Production Capacity			
2.	Production Capacity	0.27 MTPA	0.27 MTPA	No Change

DETAILS OF THE PROJECT

S. No.	Particulars	As per Previous EC	After Modification	Remarks
A.	Mining Lease			
1.	ML Area	68.91 ha	60.671 ha	8.24 ha reduced due to restricted area of CWC Bansagar Canal as per state govt's letter dated 03.01.2009
	Government Land	22.80 ha	14.56 ha	
	Private Land	46.11 ha	46.11 ha	No Change
B.	Production Capacity			
2.	Production Capacity	0.27 MTPA	0.27 MTPA	No Change
C.	Location			

3.	Villages	Budguana Baghwar Godhatola	Budguana Baghwar Godhatola	No Change
D	Requirements			
4.	Water Requirement	45 KLD	45 KLD	No Change
5.	Manpower Requirement	44 Nos.	44 Nos.	No Change
E	Mining Technology			
6.	Mining Method	Opencast Mining with Drilling Blasting	Opencast Mining with Drilling Blasting	No Change

During presentation, PP submitted that due to Bansagar Canal, their area has been reduced by the competent authority thus application for amendment in area is made. PP also submitted that initially the EC was obtained M/s Jaiprakash Associates and later it was transferred in their name on 28.08.2017. After detail discussion and deliberation committee asked the PP to submit the following information for further appraisal of project:

1. Year wise details of area excavated (broken area), Limestone production, OB generation and Waste management since grant of initial EC.
2. With the reduction in area, which activity will be affected i.e. limestone production, life of mine or green cover as per the details provided in the initial EC.
3. Comparative land use for existing 68.91 ha and proposed 60.67 ha.
4. Compliance status with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.
5. As per previous EC specific condition no. 02, please provide copy of permission obtained from NBWL and its compliance status.
6. How the required water demand is fulfilled? Copy of permission for water drawl obtained from competent authority shall be submitted.

7. When lease was transferred to M/s M/s UltraTech Cement Ltd., on 25/05/2017 and area was already reduced to 60.67 ha., in the year 2009, why application for reduction in area was not made at the time of transfer of lease.
8. EC was kept in abeyance by MoEF&CC vide their letter dated 05/12/17, please provide complete details that why EC was kept in abeyance and when abeyance was revoked with all credible evidences.
9. PP's affidavit as per the Ministry's OM dated 30.05.2018.
10. Copy with all annexure of last two six monthly compliance report filled by PP.
11. Copy of last/any EC compliance report issued by MoEF&CC since 13/05/2009.
12. Details of area covered with plantation with number of trees planted and their photographs.
13. The uploaded QCI certificate of consultant has been expired, thus please provide copy of valid consultant certificate as during presentation consultant informed that they have valid QCI certificate.

PP vide their letter dated 13/09/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal.

In this meeting the case was presented by Dr. K.V. Reddy , Joint President & Corporate Head, Mr. Ratnesh Shrivastava, Asstt. General Manager Environment from M/s. UltraTech Cement Ltd and Mr. B.R Choudhary from J.M. Enviro Net Pvt. Ltd.Consultant, Gurugram (Haryana), wherein PP submitted following points are as follows:

- Amendment in Existing Environmental Clearance Letter w.r.t reduction in lease area from 68.91 ha to 60.671 ha.
- No change in production capacity.
- No change in project requirement such as water requirement, manpower requirement, power requirement etc.
- No change in Mining Technology and methodology.
- Environment Clearance for 68.91 ha was issued in the name of M/s. Jaiprakash Associates Limited on 13.05.2009 and name change in the same from M/s. Jaiprakash Associates Limited to M/s. UltraTech Cement limited was done 28.08.2017. Production has been started from 2019-20.
- M/s. Ultratech Cement Limited has applied for Amendment in existing EC granted on 28.08.2017 for Reduction in lease area from 68.91 ha to 60.671 ha.
- The proposal was considered for Amendment in EC by State Expert Appraisal Committee in its 511th SEAC meeting held on 26.08.2021.

- Additional Details Sought by SEAC on 06.09.2021

After- wards PP presented point wise reply of ADS is given in the following slides:

- Under query point no. 2 regarding with the reduction in area, which activity will be affected i.e, limestone production, life of mine or green cover as per the details provided in the initial EC.

S.No.	Particulars	As per EC (68.91 ha)	As per Modified Mining Plan (60.67 ha)
1.	Limestone Production	0.27 MTPA	0.27 MTPA
2.	Life of Mine	50 years	28 years
3.	Greenbelt & Plantation	12.98 ha (4.92 ha Greenbelt)	12.70 (4.47 ha Greenbelt)

- Under query point no. 3 regarding Comparative Land Use for existing 68.91 ha and proposed 60.67 ha . PP has prepared revised land use plan on that basis new mining plan which is given below:

S. No.	Land Use Category		As per EC (68.91 ha)	As per Modified Mining Plan (60.67 ha)
1.	Excavated Area		44.75	17.59
	Reclamation	Water Reservoir	7.75	6.50
		Backfilled	37.0	11.09
2.	Road		-	2.0

	Infrastructure	1.0	0.5
	Area under Other Use (Drains, Dump)	5.24	2.00
3.	Undisturbed area	13.0	25.88
4.	Plantation & Green Belt	4.92	12.70
Total		68.91	60.67

- **Under query point no. 4** Compliance status with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. PP submitted - Mining will be commenced only after obtaining all the requisite clearances from the concerned authorities.
- An affidavit in this regard or in compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. is given.
- NBWL Clearance was obtained on 22.01.2015.
- Moreover, The Eco Sensitive Zone (ESZ) of the Son Ghariyal Sanctuary has been notified by the Ministry of Environment, Forest and Climate Change vide notification S.O.4030(E) dated 13th December, 2016.
- Mine has been commenced on 19.02.2020. Hence in present scenario the Wildlife clearance is not applicable.
- Water requirement of the project is 90 KLD which is being/will be sourced from Bansagar Canal (Drinking Purpose) and Existing Mines Pit (Other Usage i.e. Dust Suppression, Green Belt development etc).
- Copy of Permission from Bansagar Canal has been submitted with ADS Reply.
- **Under query point no. 4** When lease area was transferred to M/s. UltraTech Cement Limited on 25/05/2017 and area was already reduced to 60.67 ha in the year 2009, why application for reduction in area was not made at the time to transfer the lease. PP submitted that :

- Initially the lease was granted in the name Jaiprakash Associates Ltd on 8th Dec,2006.
- This Mines and Plant taken over by M/s UltraTech Cement Ltd on 29 June 2017 and same day we have submitted EC name change application & during EC name change process we came to know that there is change mines lease area from previous EC.
- After that we have submitted EC amendment application to MOEF & CC 17.09.2018 meanwhile due to change in EIA Notification (Area less than 100 Ha.) , we have again submitted EC amendment application to SEIAA on 13.02.2020.

During presentation it was observed by the committee that the land area details provided by PP in presentation are mismatched (in query reply point no 02 and 03) which was pointed out to the PP by committee and same needs corrections. This flaw on part of PP and consultant was taken seriously by the committee as it appears that documents and details are not scrutinized and discussed thoroughly before submitting to the committee. During presentation it was also observed that since 2009 no compliance monitoring was done by MoEF&CC to seek the compliance status thus committee after deliberation also recommends that after submission of reply by PP, committee may carryout site visit for verification of facts stated by PP. After presentation and deliberation Committee asked PP to submit following information and clarification:

1. Actual and justifiable land use data before area reduction and after area reduction.
2. Earmarked green belt area before area reduction shall be maintained.
3. Justify why NBWL is not applicable wrt Son Ghariyal ESZ.
4. Status of the Plantation done till date against the designated target.
5. Status of the CSR/CER done till date against the designated target.

CORRIGENDUM

- 16. Case No. – 6638/2019 Shri Rohit Kumar Agrawal, 47, Prabhat Vihar Colony, Panna Naka, Dist. Satna, MP, Prior Environment Clearance for Laterite and Ochre Mine in an area of 11.654 ha. (Laterite – 60,000 TPA, Ochre – 8,000 TPA) (Khasra No. 102P, 103P, 133P), Village - Pagar Kala, Tehsil - Raghurajnagar, Dist. Satna (MP).**

This is case of Laterite and Ochre Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 102P, 103P, 133P), Village - Pagar Kala, Tehsil - Raghurajnagar, Dist. Satna (MP) 11.654 Ha. The project requires prior EC before commencement of any activity at site.

Chronology of the case :

- TOR recommended in 410th SEAC meeting dated 02-12-2019.
- TOR approved in 588 SEIAA meeting dated 12-12-19.
- TOR issued on 20-12-19 valid upto 01-12-2022 vide Letter no. 3782-83/SEIAA/20 dated 07-01-20 to PP.

PP vide letter dated 05.10.2021 requested for amendment in the name of Tehsil (Raghurajnagar to Birsinghpur) in issued TOR. PP stated that in the issued TOR letter, Tehsil Birsinghpur is mentioned wherein actually location of project is in Tehsil Raghurajnagar, Distt. Satna and requested for suitable amendment. Along with the request PP has enclosed copy of Form-I and issued TOR letter for reference.

Committee scrutinized the case file and observed that PP has mentioned Tehsil- Birsinghpur in the location of project but at the same time also mentioned Tehsil – Raghurajnagar in the details of state of the project. Now since PP has requested for change in name of Tehsil, Committee accepts the request made by PP and recommended to amend ToR with Tehsil name as Birsinghpur, District Satna. Remaining conditions for ToR shall remain same as recommended in 410th SEAC meeting dated 02/12/2019.

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.

15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.

29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
33. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app".
34. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.

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

20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.

- vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
- 31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - 32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 - 33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - 34. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”.
 - 35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘C’

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

- 1. Mining should be done only to the extent of reclaiming the agricultural land.
- 2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
- 3. The mining shall be carried out strictly as per the approved mining plan.
- 4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
- 5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should

- maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
 7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
 8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
 9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
 10. No Mining shall be carried out during Monsoon season.
 11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
 12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
 13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
 14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
 15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
 16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
 19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
 20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
 21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or

- technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
 23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
 24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
 25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
 26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
 27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 29. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.

31. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
32. Every year, before onset of monsoon season, minimum 25 saplings of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”.
33. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘D’

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.

16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The

- under taking inter alia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
- ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
- ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
 - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.

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

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