

The 505th meeting of the State Expert Appraisal Committee (SEAC) was held on 24th July, 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 8060/2021 M/s Jaideep Ispat & Alloys Pvt. Ltd, 103, Laxmi Tower, 1st floor, 576, M.G. Road, Dist. Indore, MP Prior Environment Clearance for Expansion in Production Capacity and Addition of Product from 4,75,000 TPA Ingots/Billets to 7,50,000 TPA Billets, Blooms & Molten Metal and Expansion of Existing Rolling Mill from 4,75,000 TPA TMT Bars to 7,25,000 TMT Bars, Wire Rod, Binding Wire, Pipes, Strips, Structures (Angles, Channels, Guarders) & all types of MS Rolled products - 725000 at Plot No. 808A, 808B, 808C, 808D, 808E, 808F in Notified Industrial Area, Pithampur, Dist. Dhar (MP).Category: 3(a)EIA Consultant: M/s. Creative Enviro Services , Bhopal .**

This is case of Prior Environment Clearance for Expansion in Production Capacity and Addition of Product from 475000 TPA Ingots/Billets to 750000 TPA Billets, Blooms & Molten Metal and Expansion of Existing Rolling Mill from 475000 TPA TMT Bars to 725000 TMT Bars, Wire Rod, Binding Wire, Pipes, Strips, Structures (Angles, Channels, Guarders) & all types of MS Rolled products - 725000 at Plot No. 808A, 808B, 808C, 808D, 808E, 808F in Notified Industrial Area, Pithampur, Dist. Dhar (MP). Category: 3(a).

Earlier this case was scheduled for presentation and discussion in 475th SEAC dated 28/01/2021 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 26/6/21 which was forwarded through SEIAA vide letter no. 1404 dated 12/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee. During presentation PP submitted that proposal is for expansion of existing Rolling Mills. PP submitted that by the order dtd. 15/06/2017 of the NATIONAL COMPANY LAW TRIBUNAL AHMEDABAD BENCH M/s Rathi Iron & Steel Industries Ltd. & other units are amalgamated with M/s Jaideep Ispat & Alloys Pvt. Ltd. (JIAPL). M/s JIAPL having the following units, which are having EC in adjoin plots in the Pithampur Industrial area.

S.No.	Name of Unit	Location	Capacity	EC/Consent
1	M/s Jaideep Ispat & Alloys Pvt. Ltd. (Unit -2)	Plot No. 808E, I/A Pithampur Dist Dhar	225000 TPA 250000 TPA	EC Obtained and CTE Obtained.
2	Rathi Iron & Steel Industries Ltd.	Address - plot No. 808A, 808B & 808C Sector-3, Industrial area Pithampur	250000 TPA 225000 TPA	EC Obtained and CTE Obtained.

In view of the Amalgamation order from NCLT, both the above ECs are amalgamated, and an amalgamated EC has been issued by MP SEIAA vide letter No. 382/SEIAA/2019 dated 25/04/2019 in name of M/s Jaideep Ispat & Alloys Pvt. Ltd. (Unit -2) for the following products and capacities:

S. No.	Name of Unit	Location	Products	Capacity
1	M/s Jaideep Ispat & Alloys Pvt. Ltd. (Unit -2)	Plot No. 808A, 808B, 808C, & 808E, I/A Pithampur Dist Dhar	Ingots / Billets TMT Bars	475000 TPA 475000 TPA

In view of increasing market demand and existing infrastructure M/s JIAPL is proposed to enhance the production capacity of their industrial complex, details of capacities are as follows:

S. No.	Name of Unit	Location	Products / Capacity	
			Exiting	Proposed
1	M/s Jaideep Ispat & Alloys Pvt. Ltd.	Plot No. 808A, 808B, 808C, & 808D, 808E, & 808F I/A Pithampur Dist Dhar	Ingots / Billets- 475000 TPA TMT Bars – 475000 TPA	Billets, Blooms & Molten Metal (semi finished products) - 750000 TPA TMT Bars, Wire Rod, Binding Wire, Pipes, Strips, Structures (Angles, Channels, guarders) & all type of MS Rolled products – 725000

During presentation, it was observed by the committee that another unit M/s Bharti Ingots Pvt. Ltd., Pithampur is shown as part of this project for which PP submitted that this unit is also a part of this project and was amalgamated in this project. PP further submitted that this unit is closed since long and being the production was <30,000 MT/Annum, hence EC was not obtained. Committee after deliberations asked PP to

submit relevant documentary evidences of its amalgamation and latest copy of CTE/CTO obtained from MP Pollution Control Board with justification why EC is not required. PP submitted that it being the case of expansion, they have obtained the compliance of earlier EC conditions issued by competent authority i.e. Regional Office, MoEF&CC vide letter no. 240 dated 24.03.2021 wherein the compliance is satisfactory and no NC is reported.

During presentation, PP stated that the capacity expansion will be achieved by installing one more 30 MT induction furnace. However, committee pointed out that as per details provided in PFR, 04 Induction furnaces of 30 tonnes each and 04 Induction furnaces of 04 tonnes each are in existence while in form-II it is mentioned that 03 induction furnaces (one 30 tonne and two eight tonne) are in existence and one additional induction furnace of 30 tonnes is proposed for expansion thus PP was asked to submit clarify the existing and proposed configuration. PP also presented details about activities undertaken by the PP under CER. After presentation committee asked PP to submit response on following issues:

1. In point no. 06 of form-II “copy of previous EC letter is not attached”.
2. In point no. 09 (i) “IF configuration is not matching with PFR.
3. In point no. 22 of form-IIL and requirement details shall be provided for entire land area i.e. 17.80 ha.
4. Comprehensive air pollution mitigation plan as the maximum value of PM10 including incremental prediction is projected as 91.9 microgram per meter cube.
5. Amalgamation status of M/s Bharti Ingots Pvt. Ltd., Pithampur and latest copy of CTE/CTO obtained from MP Pollution Control Board with justification why EC was not obtained.
6. Copy of all valid CTO issued by MP Pollution Control Board.
7. Methods of slag characterization shall be provided.
8. On site laboratory facilities along with list of available equipments should be provided.
9. Fire safety plan with copy of fire NOC. (if obtained)
10. Comprehensive traffic circulation plan for the trucks bringing raw material and taking out the finished products with details of facilities provided for their parking and comfort of trucks staff.
11. How additional water requirement of 315 KLD will be fulfilled.
12. How 50 KLD treated waste water will be reused during monsoon period.

13. Revised plantation scheme as suggested by committee during presentation.
14. Commitment and proposal shall be submitted that :
 - a. All internal roads will be made pucca with commensurate budgetary allocations in proposed EMP.
 - b. Online emission monitoring system in all stacks with proposal for PTZ cameras and connectivity at MP Pollution Control Board.
 - c. Slag after iron recovery will be used for road construction.
 - d. Activities such as solar panels in school, awareness for oral hygiene in nearby villages & schools, works related to plantation, vaccination, cattle's health checkup etc. in nearby Cowshed , plantation (distribution of fruit bearing trees) in Gram Panchayat/ village area will be undertaken under CER scheme.
15. Plantation activity in village area shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app".
16. Develop green area by planting medicinal plants by Kalmegh, Ashwagandha, Tusli etc.

2. Case No 8561/2021 M/s. Alakhananda Stone Mill, Village – Prakash Bamhori, Tehsil – Gaurihar, Distt. Chhatarpur (M.P.) Prior Environment Clearance for Stone Quarry in area of 4.650 ha. (82,500Cum per annum) (Khasra No. 151), Village – Dhujapura, Tehsil – Gaurihar, Distt. Chhatarpur (M.P.) EIA Consultant: M/s. Creative Enviro Services , Bhopal .

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 151), Village – Dhujapura, Tehsil – Gaurihar, Distt. Chhatarpur (M.P.) 4.650 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation wherein it was observed by committee that PP vide letter dated 24.07.2021 has submitted a request for withdrawal of their application as there is change in capacity of mine and will make fresh application. 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.

3. Case No 8566/2021 Shri Pankaj Tiwari S/o Shri Rishi Tiwari, Village - Barahia, Post - Bathia, Tehsil - Maihar, Dist. Satna, MP Prior Environment Clearance for Stone Quarry in an area of 3.704 ha. (15000 cum per annum) (Khasra No. 7/2/3, 8/1, 9/2), Village - Reusa, Tehsil - Maihar, Dist. Satna (MP)EIA Consultant: M/s. Creative Enviro Services , Bhopal .

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 7/2/3, 8/1, 9/2), Village - Reusa, Tehsil - Maihar, Dist. Satna (MP) 3.704 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. 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 MO letter No.384 dated 28/12/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 8.053 ha., including this mine.

During presentation it was observed by the committee that as per Google image based on coordinates provided by PP, in the southern side of the lease rows of trees have been observed for which committee recommends to left this area as non- mining area and this planted area shall be converted into the dense plantation (preferably using “Miyawaki Technique”) including 7.5m barrier zone. Further, in the south side, National Highway-7 is passing in at the distance of 250 m. Committee after deliberation decided that being it’s a case Stone Quarry with total area of 8.053ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Revised production plan showing non- mining area w.r.t. rows of trees existed in the southern side of the lease.
2. Inventory of all existing trees with their girth and height details.

3. Plan for removal zero size Gitti/dust which is accumulated in huge quantity within lease area.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. The project proponent shall discuss the mitigation measures provided in MoEF&CC 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.
6. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO shall be submitted with EIA report.
7. Proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to mine workers under CER shall be considered and discussed in the EIA report.
8. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them , shall be submitted with EIA report.
9. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land shall be submitted with EIA report.
10. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique” in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal) shall be submitted with EIA report.
11. PP’s commitment that activities proposed in the CER and plantation 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.
12. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

4. Case No. – 7709/2020 M/s Krupa Wastages, A Common Bio-Medical Waste Treatment Facility, Shastri Ward, Near Gayatri Mandir, Anganwari No. 10, Dist. Seoni, MP – 480661 Prior Environment Clearance for Common Bio-Medical Waste Treatment Facility for treatment of 100 kg per hour Static Kiln based bio Medical Incineration Project at Village - Pindrai, Tehsil - Barghat, Dist. Seoni (MP) EIA Consultant: M/s. Creative Enviro Services , Bhopal .

This is case of Prior Environment Clearance for Common Bio-Medical Waste Treatment Facility for treatment of 100 kg per hour rotary kiln based bio medical incineration project at Village - Pindrai, Tehsil - Barghat, Dist. Seoni (MP).

The case was presented by the PP and their consultant in the 461st SEAC meeting dated 29-09-20 wherein PP submitted that it has already operating CBWT facility at same site i.e. Khasra No. 394, Village Pindrai Khurd, Teh. Barghat, Dist. Seoni (M.P.) having capacity of 50 kg per hours, to meet out the requirement of guideline issued by CPCB, it is proposed to dismantle the old incinerator and 100 KG per hour rotary kiln based bio medical incineration project which shall comprises rotary type incinerator .

The existing autoclave and shredder will be used in the new facility.

Following will be the capacity of the facility:

Sl. No.	Equipment	Number	Installed Capacity
1	Rotary Kiln	01	100 kg per hr
2	Autoclave	01	0.5 m ³
3	Shredder	01	50 kg per hour
4	Effluent Treatment Plant	01	5 KLD

Total no. of bed covered (Existing):

S.No.	District	No. of bed (approx)
1	Seoni	800
2	Balaghat	1050
3	Mandla	750

4	Chhindwara	1500
5	Dindori	350
	Total	4450

Total no. of bed covered (Proposed):

S. No.	District	No. of bed (approx)
1	Seoni	800
2	Balaghat	1050
3	Mandla	750
4	Chhindwara	1500
5	Dindori	350
6	Jabalpur	4200
7	Narsingpur	1200
8	Betul	800
	Total	10650

After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

- Compliance of consent conditions of Regional Office of M. P. Pollution Control Board.
- Since the proposed unit will be established on an existing unit thus in EIA report PP should provide the details of such existing facilities which will be used and which will be dismantled with quantity (C& D details).
- In case PP intends to use ground water, permission of CGWB should be obtained.
- Facility should be developed in accordance with the provisions made in the Bio-Medical Waste Management Rules, 2016 published by GOI and Guidelines published by CPCB for Common Bio-medical Waste Treatment Facilities.
- Justify in EIA report, how unit will remain zero discharge.
- Disposal plan of autoclaved material should be discussed in the EIA report.
- Analysis of ash their disposal should be discussed in the EIA report.

- h. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.

Accordingly in the 461st SEAC meeting dated 29.09.2020 after deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with additional TORs.

PP vide letter dated 21.06.2021 has applied for revised ToR along with revised Form-3 Form-1, PFR, and study report which was forwarded by the SEIAA vide letter no. 1372 Dated 06.07.2021 wherein PP stated that considering the size of the project we are proposing static kiln technology instead of rotary technology for incineration of bio- medical waste which is also as per guideline of CPCB.

The case was presented by the PP and their consultant wherein PP submitted that previously this case was considered in 461th meeting of SEAC dated 29.09.2020 and ToR was issued for the project vide letter no 742 dated 06.10.2020 for following configuration :

Sl. No.	Equipment	Number	Installed Capacity
1	Rotary Kiln	01	100 kg per hr
2	Autoclave	01	0.5 m ³
3	Shredder	01	50 kg per hour
4	Effluent Treatment Plant	01	5 KLD

PP further submitted that considering the configuration of the project and during discussion with the project consultant now we have decided for installation of static kiln with dry ceramic system in place of Rotary Kiln which will be cost effective with operation ease. No other changes are proposed w.r.t. the site, other equipments control arrangement etc and will remain same. Hence we request you to kindly issue the revised ToR for installation of Static incinerator instead of Rotary Incineration.

Committee after deliberations accepts the request made by PP and recommended to modify ToR for installation of static kiln with dry ceramic system. Other details such as site, configuration of autoclave, shredder, ETP etc and other conditions will remain same as per the TOR issued vide letter no 742 dated 06.10.2020.

5. Case No 8554/2021 M/s Oil and Natural Gas Corporation Ltd, Shri Rajesh Sharma, Chief General Manager, I/C HSE, Frontier Basins, ONGC, Ganga Building, IDT Campus, Kaulagarh Road, Dist. Dehradun, Uttarakhand Prior Environment Clearance for Exploratory Drilling (5 wells) in NELP-VIII Block, VN-ONN/2009/3, Dist. Damoh (MP)

This is case of Prior Environment Clearance for Exploratory Drilling (5 wells) in NELP-VIII Block, VN-ONN/209/3, Dist. Damoh (MP). The project requires prior EC before commencement of any activity at site.

The case was scheduled in 501st meeting dated 29/06/2021 and 502nd SEAC meeting dated 06/07/21 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. However, PP vide e-mail dated 5/7/2021 has requested that due to some unavoidable circumstances, they are not able to attend this meeting hence requested to re-schedule their case in upcoming SEAC meetings.

The case was presented by the PP wherein following details were submitted that ONGC is a public sector company engaged in exploration and production of hydrocarbons in the country. In order to meet the increasing demand of petroleum products, ONGC has proposed to drill 5 exploratory wells of depths 2300-3500m in NELP Block VN-ONN-2009/3 in District Damoh, Madhya Pradesh. NELP Block VN-ONN-2009/3 was awarded for hydrocarbon exploration cycle of 7 years to ONGC with 100% PI under NELP-VIII with an area of 1250 Km² confined within district Damoh in Madhya Pradesh (MP). The total exploration cycle was divided into two phases, an Initial Exploration Period (Phase-I) of 4 years and Subsequent Exploration Period (Phase-II) of 3 years respectively. Based on the exploratory lead obtained from drilling and prospectively evaluation, ONGC entered into Subsequent Exploration Phase (Phase-II: 12.04.2016 – 11.10.2018), retaining an area of 462 Sq. Km. The exploratory drilling carried in Phase-II of the block led to a major gas discovery in well Hatta#2 which was notified to DGH and an appraisal period of 3 years was granted to ONGC w.e.f 31.12.2018. Further, in the wake of Covid-19 pandemic which hampered the exploratory activities in the block, moratorium and extension of validity of the block up to 06.12.2022 has been granted by DGH.

Exploratory drilling is to be carried out to further explore, appraise and monetize the hydrocarbons as indicated by analysis of seismic data and other wells drilled in the

vicinity. It is a temporary and short duration activity comprising of site preparation, well foundation, rig building, drilling and restoration of the well site taking about 6-8 months.

Electrical Drilling rig is used to drill the well and involves rotation of drill bit, attached to a long string of a drill pipes down the well. Drilling mud is pumped through the drill string and through the drill bit which returns up the annulus between the drill string and well bore. The drill mud removes cuttings from the well, controls formation pressures, seals permeable formations, maintains well bore stability, cool and lubricate the bit. The drill cuttings are separated from the drilling mud and the fluid is re-circulated.

If presence of hydrocarbons is detected during drilling, production testing is conducted to ascertain the reserves and economic viability.

The land requirements are approximately 130m × 130m for each well and the land use pattern will not be affected as this is a short duration and temporary activity. Water requirement for drilling operations and potable use will be met through transportation of water by tankers through contractors. Approximately 300m³ of spent drilling mud is generated at the well; drilling mud is re-used as much as possible. About 6-8m³ /day of waste water is generated which is collected in lined pits and is treated by a mobile ETP. Treated water is re-used for various operations of the drilling rig. The rig is equipped with solid handling equipment and the solids are separated from the drilling mud. At the end of the operations the residual unusable drilling mud is collected in the lined waste pits, solar evaporated and the solids retained at the bottom of the pit will be disposed off in lined pits. Domestic sewage will be treated in a septic tank followed by a soak pit. Solid waste generation is limited to spent drill bits, packaging waste and used containers, drill cuttings waste oil and any contaminated soil during rig operations and movement.

The only hazardous waste generated is spent lube oil, which will be collected stored and disposed as per MOEFCC guidelines and Hazardous Waste rules. All DG sets are provided with in-built air filters and covered with acoustic enclosures and with adequate stack heights. Dry and dusty chemicals will be stored in bags. The site premises will be frequently sprinkled with water to contain dust. Emission standards as per CPCB and SPCB will be complied. Noise levels will be limited to 85 dB(A) beyond drill site premises. PPE will be provided to all personnel and their usage ensured. The ecological studies are carried out during the study period and proper care will be taken to protect the

rich and diverse flora and fauna of the area with special emphasis on endangered and localized animals.

The proposed exploratory drilling activities will generate indirect employment during site preparation and drilling activities, improve transport facilities as roads will be strengthened for movement of rig equipment and personnel. In case hydrocarbon reserves are found, it will lead to all-round prosperity of the area. The project cost is approximately Rs.300 crores. During presentation PP also exhibits various documents such as PFR, Layout plan, EMP, DFO certificate and Risk Assessment etc. PP further submitted that w.r.t. MoEF&CC Notification S.O. 236 (E) , dated 16.01.2021 all project in respect of off-shore and onshore oil and gas exploration are categorized as ‘B2’ projects” hence application is made for B2 appraisal and same is accepted by SEIAA. The following measures are proposed in EMP for this project:

- Mitigation measures required addressing environmental concerns such as debris disposal and conservation of all natural drainage and water flow will be taken care of.
- Assess infrastructures for treatment of waste water, drill cuttings, drilling waste mud, sewage, solid/hazardous waste.
- A detailed plan covering environmental variables to be monitored, the location and timing of sampling and the use to be made of monitoring data to ensure compliance with the applicable environmental rules/regulations throughout the life of the project exists
- Abandonment of wells, rig dismantling and site completion and reclamation after abandonment
- Only hazardous waste generated is spent/burnt oil which is kept in drums and sent to our store at Madhopur (Punjab) from where it is disposed to authorized recyclers through MSTC (Metal Scrap Trade Corporation Limited).
- ONGC is using Water Base Mud for drilling which is non hazardous, and non toxic ingredients are used in formulation of mud.
- We are collecting thoroughly washed cuttings, waste water and waste mud in adequately designed HDPE lined waste pits.
- On completion of drilling activities the pit is dried by evaporation and covered by native soil.
- Wastewater generated on drilling rigs will be treated by mobile ETP situated at the Rig, and treated water is reused.
- Mobile Skid mounted ETP is having treatment capacity of 30 cum per day. Alum and Lime are used for treating effluent water.

- Barite in drilling fluids will contain Mercury < 1 mg/ kg and Cadmium < 3 mg/kg. A certificate to this effect is being obtained from supplier. Most Chemicals are Biodegradable.

After detail discussion and deliberation, committee asked PP to submit the following information/clarification for further consideration of the project:

1. Why exact location of proposed drillings/wells is not furnished with the application.
2. A commitment that the water of the river passing through the proposed project area will not be affected.
3. What procedure will be adopted for temporary land acquisition?
4. How 20-25 KLD fresh water requirement will be meet.
5. Drill cuttings are proposed to be disposed off in lined pits of impervious lines thus drawing, design and specification of pits & lines shall be furnished. (As presented, Barite in drilling fluids contains Mercury <1 mg/ kg and Cadmium < 3 mg/kg).
6. Explore the possibility of disposing drill cuttings through centralize facility as proposed for disposal of used/waste oil.
7. What is the post closure monitoring protocol of Drill cuttings lined pits after handing over the area to its original occupants?
8. Drawing & design of drilling waste water and DC wash pits shall be furnished.
9. Volume of drill mud to be refilled in the wells and management plan for left over drill mud.
10. How zero discharge will be maintained and is it possible to reuse 06 KLD treated waste water for mud preparation to reduce fresh water demands.
11. Reclamation plan of the site after drilling operations with time schedule.
12. Worst case of scenario w.r.t. to hydrocarbon escaping during exploration and their mitigation plan.
13. Commitment that fresh water requirement for the operation will not be through ground water sources.
14. PP's commitment that following activities shall be proposed in the CER Programme:
 - Saplings of native fruit bearing species (such as Imli, Bel, Kaitha, Bahera, Amla, Nimbu, Kathal, Mango, Katang bamboo, Munaga etc) shall be distributed in nearby villagers to promote plantation Providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to mine workers under CER.

- Veterinary camps for livestock in the nearby villages.
- Oral hygiene awareness/ camps in the nearby villages.

6. Case No 8559/2021 Shri Shyam Singh Sisodiya S/o Shri Bhagwan Singh Sisodiya, Village - Ramakhedi, Tehsil - Barode, Dist. Agar Malwa, MP – 465550 Prior Environment Clearance for Stone Quarry in an area of 3.4500 ha. (10,000 cum per annum) (Khasra No. 635), Village - Bargadi, Tehsil - Barode, Dist. Agar Malwa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 635), Village - Bargadi, Tehsil - Barode, Dist. Agar Malwa (MP) 3.4500 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO (Ekal Praman-patra), 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.666 dated 28/6/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation it was observed by the committee that it's a case of stone mining and as per Google image in the south- west corner of the lease high tension line is passing along the lease boundary approximately at a distance of 10 m hence PP shall left 40 m set back within lease area from HT line considering the safety of man and machine and submit revised surface and production map. Further, a small water impounding structure is in existence on the south side at approx. 130 meter and a natural drain on northern side at a distance of approx 74 meter. A shed is located at distance of approx. 290 m in the north side. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.13-proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.15- Details of Water Requirement (During Operation) - Tube well has mentioned, provide copy of CGWB permission.
3. In point no. 17- provide relevant information for solid waste generation/management.

4. In point no. 26- justify 1.5813 ha land is yet to be acquired.
5. In point no.32 (c) No. of Plants to be planted are shown as 830 and only 01 year plantation figure has been given whereas number of total proposed plantation shall be provided.
6. In point no.35.10 (a) Quantity of Topsoil excavated is shown as 3138 million cubic meter, please justify.
7. In point no.35.14 Details of Land Usage are wrongly mentioned.
8. Revised surface & production map leaving appropriate distance for non mining area as suggested by the committee.
9. Soil profile analysis is to be submitted.
10. Patwari report w.r.t. of last 05 years crop taken in the Q.L. area.
11. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
12. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
13. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
14. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique” in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
15. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained and submitted with EIA report.
16. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

7. Case No 8560/2021 M/s Gawar Construction Ltd, Shri Parveen Kumar Rawal, Authorized Signatory, DSS 378, Sector 16-17, Hisar, Dist. Hisar, Haryana Prior Environment Clearance for Stone Quarry in an area of 3.130 ha. (200000 cum per annum) (Khasra No. 837, 838/1, 835/1/2, 835/2/2, 863/2/2/2/2), Village - Agrod, Tehsil - Dewas, Dist. Dewas (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 837, 838/1, 835/1/2, 835/2/2, 863/2/2/2/2), Village - Agrod, Tehsil - Dewas, Dist. Dewas (MP) 3.130 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. 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 MO letter No. 1228 dated 23/6/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation it was observed by the committee that it's a case of Stone mining and as per Google image a isolated houses at a distance of >110 m in the north side and pucca road is existed at a distance of >50 in the NW side of the lease. Committee after deliberation decided that in the light of NGT order vide O.A. no. 304/2019 dated 21if blasting involved minimum distance of 200 m is to be left from residential/ public building, inhabitants. Hence PP shall be maintained safe distance i.e. minimum 200 m from the nearest isolated houses in the north side of the lease and submit revised surface and production map leaving non mining area. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.13- proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.15- Details of Water Requirement (During Operation) - Tube well has mentioned, provide copy of CGWB permission.
3. In point no. 17- provide relevant information for solid waste generation/management.
4. In point no. 26- justify 2200 ha land is yet to be acquired.
5. In point no.32 (c) No. of Plants to be planted are shown as 755 and only 01 year plantation figure has been given whereas number of total proposed plantation shall be provided.

6. In point no.35.10 (a) Quantity of Topsoil excavated is shown as 5166 million cubic meter, please justify.
7. Revised surface & production map leaving appropriate distance for non mining area as suggested by the committee.
8. Soil profile analysis is to be submitted.
9. Patwari report w.r.t. of last 05 years crop taken in the Q.L. area.
10. PP shall submit evacuation plan.
11. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
12. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
13. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
14. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique” in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
15. PP’s commitment that activities proposed in the CER and plantation 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.
16. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

8. Case No 8568/2021 M/s Sainik Industries Pvt. Ltd, Authorized Person, Shri Litesh Jha, 201-202, Vikas Plaza, Building No. 02, Local Shopping Center, Kalakaji, New Delhi Prior Environment Clearance for Sand Quarry (Kahodu Bharu) in an area of 1.750 ha. (15000 cum per annum) (Khasra No. 57, 58, 59, 60), Village - Marsarha (Shivpur), Tehsil - Bahari, Dist. Sidhi (MP)

This is case of Sand Quarry (Kahodu Bharu). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 57, 58, 59, 60), Village - Marsarha (Shivpur), Tehsil - Bahari, Dist. Sidhi (MP) 1.750 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate (Ekal Praman-Patra), 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. 564 dated 03/7/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation, PP submitted that it's a Khodu Bharu sand mine wherein mining will be carried out as per approved mine plan with semi mechanized open-cast method of mining. During appraisal, it was observed that proposed lease is approx. 900 m away from the Son River in the northern side and it was also observed that within lease trees are existed. PP submitted that about 12 trees are existed within the lease area and no tree felling is proposed and tree occupied area shall be dealt as non- mining area. Committee further observed that vide Ekal Praman Patra vides no. 564 dated 03.07.2020 Son Gharial Abhayaran Eco Sensitive Zone is 28 m away from the lease area. After presentation, committee recommends that based on the discussion PP shall submit point wise reply / commitment / Revised EMP on following issues:

1. In point no.13- proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.15- Details of Water Requirement (During Operation) - Tube well has mentioned, provide copy of CGWB permission.
3. In point no. 17- provide relevant information for solid waste generation/management.
4. In point no. 26- justify 0.690 ha land is yet to be acquired.
5. Revised production map showing as non- mining area due to existence of trees.
6. PP's commitment that no tree felling is proposed.
7. Revised plantation species remove Khirni from the proposed plantation list.
8. Revised plantation scheme showing proposed plantation in barrier zone, nearby village and native fruit bearing species (such as Harra, Bahera, Nimbu, Kathal, Papaya, Munga) to be distributed in nearby villagers This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers in it.
9. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.

10. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
11. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
12. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique” in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
13. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained with effective measures shall be submitted with EIA report.
14. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

9. Case No 8563/2021 M/s Om Sai Minerals, Village - Baghari, Post - Hinouta, Tehsil - Chandla, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.202 ha. (20000 cum per annum) (Khasra No. 489, 536/2), Village - Baghari, Tehsil - Chandla, Dist. Chhatarpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 489, 536/2), Village - Baghari, Tehsil - Chandla, Dist. Chhatarpur (MP) 2.202 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. 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 MO letter No.1808 dated 07/6/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP some trees are in existence within lease. A habitation is located at a distance of about 155 m in the north side. River is flowing in the South East - South west side of the lease

at a distance of >280 m. PP submitted that about 08 trees are existed and no tree felling is proposed and tree occupied area shall be dealt as non- mining area. Committee after deliberation decided that in the light of NGT order vide O.A. no.304/2019 dated 21.07.2020 if blasting involved minimum distance of 200 m is to be left from residential/ public building, inhabitants. Hence PP shall lease 45 meters setback within lease and submit revised surface & production map. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.13- proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.15- Details of Water Requirement (During Operation)- Tube well has mentioned .
3. In point no.17-Solid Waste Generation/Management- Zero figure (0) has mentioned .
4. In point no.22- Land Requirement for Various Activities- not clears.
5. Revised surface and production map showing 45 meters set back w.r.t. habitation (155 m) and area occupied by tree area as non- mining area.
6. PP's commitment that no tree felling is proposed.
7. Revised plantation species remove Khirni from the proposed plantation list and proposed as suggested by the committee.
8. Revised plantation scheme showing proposed plantation in barrier zone, nearby village and native fruit bearing species (such as Harra, Bahera, Nimbu, Kathal, Papaya, Munga) to be distributed in nearby villagers This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers in it.
9. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
10. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
11. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.

12. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique” in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
13. PP’s commitment that activities proposed in the CER and plantation 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.
14. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

10. Case No 8564/2021 Shri Ram Singh Saran S/o Shri Jasaram Saran, Ramnagar, Tehsil - Luni, Dist. Jodhpur, Rajasthan - 342311 Prior Environment Clearance for Stone Quarry in an area of 2.990 ha. (235253 cum per annum) (Khasra No. 853/8, 853/9, 853/10, 853/11), Village - Nanasa, Tehsil - Kannod, Dist. Dewas (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 853/8, 853/9, 853/10, 853/11), Village - Nanasa, Tehsil - Kannod, Dist. Dewas (MP) 2.990 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. 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 MO letter No.1265 dated 30/6/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.990 ha., including this mine. During presentation it was observed by the committee that as per Google image based on coordinates provided by PP, that two pucca road are passing in the south –east side at a distance of about 250 m & 350 m respectively . A habitation is located at approx. 400 m north –east side of the lease. Further, agriculture activity is being seen within lease area and around the lease area hence, committee asked PP to Soil profile study. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.13- proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.15- Details of Water Requirement (During Operation)- Tube well has mentioned .

3. In point no.17-Solid Waste Generation/Management- Zero figures (0) has mentioned.
4. Revised plantation species remove Khirni from the proposed plantation list submit revise list as suggested by the committee.
5. Tehsildar/Patwari detailed report w.r.t. Crop yield taken from last 05 years .
6. Soil profile study shall be conducted.
7. PP shall submit evacuation plan.
8. Revised plantation scheme showing proposed plantation in barrier zone, nearby village and native fruit bearing species (such as Harra, Bahera, Nimbu, Kathal, Papaya) to be distributed in nearby villagers This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers in it.
9. Revised EMP by adding budgetary allocations for providing water saucer (10 no. @1000 Rs per piece) to the nearby forest area’s DFO.
10. Fodder development in first year and there care till project by agency concerned and accordingly budgetary provisions should be enhanced and provision of Solar light and planting fruit bearing trees for village school shall be added in proposed CER and revised EMP shall be submitted.
11. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique” in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
12. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
13. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

11. Case No 8562/2021 Shri Pradeep Kumar Sharma S/o Shri Devi Prasad Sharma, R/o 872/1, Gandhi Nagar, Distt. Lalitpur, UP – 470001 Prior Environment Clearance for Flag Stone Quarry in area of 2.0 ha. (3360 Cum per annum) (Khasra No. 805 Part), Village – Piprasar, Tehsil – Bina, Distt. Sagar (M.P.)

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 805 Part), Village – Piprasar, Tehsil – Bina, Distt. Sagar (M.P.) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by PP and their Consultant. 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 MO letter No. 975 dated 01/7/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. During presentation PP submitted that since it is a Flagstone Quarry, no blasting and drilling is proposed. Mining shall be through Opencast Semi Mechanized Method. It was observed by the committee that the as per Google image based on coordinates provided by PP, a pucca road in the south side at a distance of about 125 m , natural drain at approx. distance of 60 m in the north side and a habitation is located at >250 m in the east side of the lease. In the DFO, letter vide no 1125 dated 22/03/2021 forest area is at a distance of approx. 51 meters from the lease boundary for which PP has obtained approval from Divisional Commissioner Level Forest Committee in their meeting dated 24.05.2021 with following conditions:

- Towards the forest boundary, Stone wall shall be constructed by the lessee, under the direction of the Divisional Forest Officer.
- Overburden will not be kept in the forest area, and will keep overburden only in the approved lease area.
- By getting the demarcation done in the presence of the staff of Revenue Department and Forest Department, Munare of cement concrete will be constructed all around the lease area.
- A display board with all mandatory details of the project will be constructed at the entry to the mine.
- CCTV camera will be installed towards the forest area and will keep recording for at least 15 days and monitored regularly.

Committee discussed that above conditions stipulated by Divisional Commissioner Level Forest Committee shall be complied by PP and in case any illegal mining is observed by PP then same shall be immediately brought in to the knowledge of Local Forest Range Officer in writing and with recording clips of CCTV for necessary action. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no.13- proposed quantity of raw material/fuel has been mentioned, why?
2. In point no.14.6- Ground water table is shown as 1.20m to 20.21m which needs justification as proposed depth is 09 meters (see point 35-11).

3. In point no.15 Details of Water Requirement (During Operation)-provide copy of letter dated 20th may, 2021.
4. In point no.17-Solid Waste Generation/Management- Zero figure has been mentioned, why ?
5. In point no.35 (10) no top soil details given.
6. In point no.35 (13) excavator & JCB is mentioned, please justify statement.
7. Revised plantation species by removing Gulmohar, Saptparni, Khirni from the proposed plantation list and add Sitaphal as proposed as suggested by the committee.
8. PP's commitment that all conditions stipulated by Divisional Commissioner Level Forest Committee in their meeting held on 24.05.2021 will be complied and commensurate budget is proposed in the EMP.
9. PP's commitment that in case any illegal mining is observed by him then same shall be immediately brought in to the knowledge of Local Forest Range Officer in writing and with recording clips of CCTV for necessary action.
10. Revised plantation scheme showing proposed plantation in barrier zone, nearby village and native fruit bearing species (such as Harra, Bahera, Nimbu, Kathal, Papaya, Munga) to be distributed in nearby villagers This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers in it.
11. Fodder development in first year and there care till project by agency concerned and accordingly budgetary provisions should be enhanced and provision of Solar light and planting fruit bearing trees for village school shall be added in proposed CER and revised EMP shall be submitted.
12. Commitment that dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique" in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
13. PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
14. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

12. Case No 7882/2020 M/s R.K.Transport and Construction Ltd, Shri Sachin Agrawal, Prop., 65-A, Transport Nagar, Dist. Korba, CG - 486889 Prior Environment Clearance for Sand Quarry in an area of 4.95 ha. (130530 cum per annum) (Khasra No. 01), Village - Thatara, Tehsil - Chitrangi, Dist. Singrauli (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 01, Village - Thatara, Tehsil - Chitrangi, Dist. Singrauli (MP) 4.95 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Praman-Patra) letter no. 4236 dated: 03.09.2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine .

The case was recommended for EC in the 465th SEAC meeting dated 07-11-20 wherein it is stated that;

PP stated that this is a case of river sand mining on Sone River. Moreover, in the Ekal Pramana Patra mentioned that the proposed site is located 1138 meters from ESZ of Sone Ghariyal Wildlife Sanctuary. In this context vide notification S.O. 4030 (E), December 14, 2016, Son Ghariyal Wildlife Sanctuary (ESZ) also confirmed extent of the ESZ that is 1.0KM around the boundary of Sone Ghariyal Wildlife Sanctuary. During presentation it was observed that part of lease is submerged in river water for which PP submitted that after rainy season the lease becomes dry and that will not mine sand from the submerged area. After presentation the committee asked to submit following details:

- 1. PP's commitment that no in- stream mining shall be carried out.*
- 2. Revised plantation details as suggested during presentation (@1500 trees per hectare).*
- 3. Revised EMP with appropriate additional budget plantation as suggested during presentation by the committee.*

PP has submitted the response of above queries same date vide letter dated 07.11.2020, which was placed before the committee. The mining shall be done as per the approved mine plan by concerned DGMs. The EMP and other submissions made by the PP were

found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. *Production of Sand as per mine plan with quantity not exceeding 1,30,530 cum/year.*

Based on the above recommendation of SEAC, SEIAA has issued EC as per decision taken in their 645th meeting dated 27-11-20”.

Vide letter dated 18.05.2021 SEAC has received complaint from Shri Arun Kumar, Distt. President, Akhil Bhartiya Kaimur Peoples Front, Post Robertsganj, Distt. Sonbhadra, U.P. regarding cancellation of EC, which was issued to M/s. R.K. Transport & Construction Limited, (PP- Shri Sachin Agrawal, Prop., 65-A, Transport Nagar, Dist. Korba, CG – 486889), regarding Sand Quarry in an area of 4.95 ha. (Khasra No. 01), Village - Thatara, Tehsil - Chitrangi, Dist. Singrauli (MP).

The complainer stated that this was the case of Category- A project hence, EC should be issued from MoEF, GoI level. The complainer quoted following points of General Conditions (GCs) mentioned under MoEF&CC notification no. 1598 (E) dated 25.06.2014 as :

“Any project or activity specified in category ‘B’ will be appraised at the Central level as Category ‘A’, if located in whole or in part within 5 km. from the boundary of :

- (i) Protected areas notified under the Wildlife (Protection) Act, 1972 (53 of 1972);*
- (ii) Critically polluted areas as identified by the Central Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time;*
- (iii) Eco-sensitive areas as notified under sub-section (2) of section 3 of the Environment (Protection) Act, 1986, and*
- (iv) Inter-State boundaries and international boundaries;”*

In above context it is stated that this case was dealt in the SEIAA & SEAC by the case no. 7882/2020 and EC was recommended in the 465th SEAC meeting dated 07-11-20 and EC was granted in 645th SEIAA meeting dated 27-11-20.

The above complaint was placed before the committee and issues raised in complaint were discussed and tabulated as below :

Sl. No.	Issues raised due to applicability of GC	Comments/ Remarks
1	Protected areas notified under the Wildlife (Protection) Act, 1972 (53 of 1972);	No adverse comments in the Collector Office's Ekal Praman Patra (Kahnij Skakha) vide letter no. 4326 dated 03.09.2020.
2	Critically polluted areas as identified by the Central Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time;	Vide CPCB letter no. 9678 dated 29.11.2019 Singrauli (MP) is not falling in Critically Polluted Area.
3	Eco-sensitive areas as notified under sub-section (2) of section 3 of the Environment (Protection) Act, 1986, and	In the Ekal Pramana Patra it is mentioned that the proposed site is located 1138 meters away from ESZ of Son Gharial Wildlife Sanctuary. While as per ESZ notification issued vide S.O. 4030 (E), December 14, 2016 the extent of the ESZ that is 1.0KM around the boundary of Son Gharial Wildlife Sanctuary. Hence lease is outside of notified ESZ.
4	Inter-State boundaries and international boundaries;"	MoEF&CC notification no. SO 141 (E) dated 15.01.2016 stated that general condition shall apply except :

		“River bed mining project on account of inter-state boundary”.
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Moreover, Collector Office (Praman-Patra) issued vide letter no. 4236 dated: 03.09.2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine hence this case was appraised as Category- B-2.

Considering above facts committee observed that SEAC recommended the case as per the provisions stipulated in the EIA Notification, 2006 and complaint with above justification may be sent to SEIAA for onward necessary action.

(A. A. Mishra)
Secretary

(Dr. Praveen Chandra Dubey)
Chairman

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps or tanker sprinkles should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road as proposed. 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 comply the final closure plan as provided in Mining Plan duly approved by the competent authority.
11. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
12. 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.
13. 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.
14. 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.
15. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

16. 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.
17. Blasting shall be carried out only during day time and PP must ensure that biological clock of the nearby villager is not disturbed due to mining operation.
18. 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.
19. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
20. 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. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
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. PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. Which shall be updated every 03 months? 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.
27. 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.
28. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Moreover, A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
29. 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”.

30. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
31. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
32. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps or tanker sprinkles should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road as proposed. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. PP shall ensure that productivity of agriculture crop not affected due to mining operations & crop liability Insurance Policy shall be taken up by PP as a precaution to compensate for any crop loss.
5. 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.
6. 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.
7. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
8. 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.
9. 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.
10. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
11. 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.

12. No Mining shall be carried out during Monsoon season.
13. 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.
14. 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.
15. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
16. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
17. 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.
18. 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.
19. 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.
20. 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.
21. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
22. 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.
23. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
24. 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.
25. 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.

26. 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.
27. 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.
28. 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.
29. 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.

Annexure- 'C'

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

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.

4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. PP shall ensure that productivity of agriculture crop not affected due to mining operations & crop liability Insurance Policy shall be taken up by PP as a precaution to compensate for any crop loss.
10. 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.
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 issued by the MoEF&CC.
13. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
14. 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.
15. 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.
16. 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.
17. 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.
18. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
19. 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.

20. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
21. 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.
22. 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.
23. 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.
24. 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.
25. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. Mining Lease boundary shall be appropriately earmarked with fencing.
27. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.

12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on

Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area” with EIA report.

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

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