

The 397<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 03<sup>rd</sup> October, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Shri R. S. Kori, Secretary.

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

1. **Case No. - 5750/2018 M/s K. L. Sharma, Regal Homes, 157, C-Sector, Indrapuri, Bhopal, (M.P.) – 462026. Prior Environment Clearance for Construction of Residential & Commercial Project "Regal Town" (Total Plot Area = 27860 sqm. Built up Area = 49678.50 sqm) at Village - Khajuri Kalan, Tehsil - Huzur & Dist. - Bhopal, (M.P.) Category: 8(a) Building & Construction Project. Env. Con. – In Situ Enviro Care, Bhopal (MP.).**

This is case of Prior Environment Clearance for Proposed Construction of Construction of Residential & Commercial Project "Regal Town" (Total Plot Area = 27860 sqm., Built up Area = 49678.50 sqm) at Village - Khajuri Kalan, Tehsil - Huzur & Dist. - Bhopal, (M.P.) **Cat. 8(a) Building and Construction Projects.** The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled in 331<sup>st</sup> SEAC meeting dated 25/10/2018 meeting, wherein ToR (For Violation) has been recommended.

PP has submitted the EIA report vide letter dated 28/03/2019 which was forwarded through SEIAA vide letter no. 158 dated 08/04/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion in 364<sup>th</sup> SEAC meeting dated 17/04/2019 with its remediation plan and the natural and community resource augmentation plan, wherein committee asked PP to revise the remediation plan and natural community resource augmentation plan.

For more detailed information, kindly refer the minutes of 364<sup>th</sup> SEAC meeting dated 17/04/2019.

This case was scheduled for the presentation and discussion of revised remediation's plan and natural community resource augmentation plan as suggested by committee in 364<sup>th</sup> SEAC meeting dated 17/04/2019, however, it was observed by the committee that the PP has submitted the request letter vide dated 01/10/2019 stating that due to some unavoidable condition he wouldn't able to present the case before SEAC and requested to scheduled this case in next upcoming SEAC meeting. Committee accepted the request made by PP and decided to call the PP in subsequent meetings.

2. **Case No. - 5751/2018 M/s Macker Real Ventures, 501, 5th Floor, Ashima Corporate Zone, Ashima Mall, Hoshangabad Road, Bhopal, (M.P.) – 462026. Prior Environment Clearance for Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16700 sqm. Built up Area = 28451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Category: 8(a) Building & Construction Project. Environment Consultant-In Situ Enviro Care.**

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16700 sqm., Built up Area = 28451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Cat. 8(a) Building and Construction Projects. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled in 331<sup>st</sup> SEAC meeting dated 25/10/2018, wherein ToR (For Violation) has been recommended

PP has submitted the EIA report vide letter dated 15/03/2019 which was forwarded through SEIAA vide letter no. 2856 dated 30/03/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion in 361<sup>st</sup> SEAC meeting dated 12/04/2019 with its remediation plan and the natural and community resource augmentation plan, wherein committee asked PP to revise the remediations plan and natural community resource augmentation plan.

For more detailed information, kindly refer the minutes of 361<sup>st</sup> SEAC meeting dated 12/04/2019.

This case was scheduled for the presentation and discussion of revised remediation's plan and natural community resource augmentation plan as suggested by committee in 361<sup>st</sup> SEAC meeting dated 12/04/2019, however, it was observed by the committee that the PP has submitted the request letter vide dated 30/09/2019 stating that due to some unavoidable

condition he wouldn't able to present the case before SEAC and requested to scheduled this case in next upcoming SEAC meeting. Committee accepted the request made by PP and decided to call the PP in subsequent meetings.

**3. Case No. - 5757/2018 Pacific Business Centre of M/s SARC Infrastructure and Technology at Village Bawadia Kala, Tehsil - Huzur, District - Bhopal (M.P.)-462026. Prior Environment Clearance for Pacific Business Centre of M/s SARC Infrastructure and Technology, Khasra No. – 378/1, at Village - Bawadia Kala, Tehsil- Huzur, District- Bhopal (M.P.), Total Land Area-1630.35 sq.mt. (4.05 Acre or 1.639 Hect.), Total Built up Area – 61334.56 Sq. mt., Category: 8(a) Building & Construction Project.Env. Con. – In Situ Enviro Care, Bhopal (MP.).**

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project Pacific Business Centre of M/s SARC Infrastructure and Technology, Khasra No. – 378/1, at Village - Bawadia Kala, Tehsil- Huzur, District- Bhopal (M.P.), Total Land Area-1630.35 sq.mt. (4.05 Acre or 1.639 Hect.), Total Built up Area – 61334.56 Sq. mt., Total Built up Area – 45,583.75 m<sup>2</sup>., Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled in 332<sup>nd</sup> SEAC meeting dated 26/10/2018, wherein ToR (For Violation) has been recommended

PP has submitted the EIA report vide letter dated 16/03/2019 which was forwarded through SEIAA vide letter no. 2858 dated 30/03/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion in 361<sup>st</sup> SEAC meeting dated 12/04/2019 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 and in case the PP remains absent, the decision will be taken on the basis of documents received from SEIAA.

Again this case was scheduled for the EIA presentation and discussion in 364<sup>th</sup> SEAC meeting dated 17/04/2019 with its remediation plan and the natural and community resource augmentation plan, wherein committee asked PP to revise the remediations plan and natural community resource augmentation plan.

For more detailed information, kindly refer the minutes of 364<sup>th</sup> SEAC meeting dated 17/04/2019.

In this meeting case was scheduled for the presentation and discussion of revised remediation's plan and natural community resource augmentation plan as suggested by committee in 364<sup>th</sup> SEAC meeting dated 17/04/2019, however, it was observed by the committee that the PP has submitted the request letter vide dated 01/10/2019 stating that due to some unavoidable condition he wouldn't able to present the case before SEAC and requested to scheduled this case in next upcoming SEAC meeting. Committee accepted the request made by PP and decided to call the PP in subsequent meetings.

**4. Case No. - 5952/2019 M/s Hoswin Incinerator Pvt. Ltd, Plot No. 196 A & 196-B, Sector-F, Industrial Area, Sanwer Road, Indore, MP Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 500 Kg per hour rotary kiln based medical incineration project Land area- 4550 sq.mt. (1.125 acre) at Plot No. 196 A & 196-B, Sector-F, Industrial Area, Sanwer Road, Indore, (MP).Env.Cons-Creative Enviro Services.**

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category "B" Projects of activity 7 (da) as per EIA Notification dated 14<sup>th</sup> September, 2006 and its subsequent amendments dated 17<sup>th</sup> April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

Earlier this case was scheduled in 353<sup>rd</sup> SEAC Meeting dated 19/ 03/19, wherein ToR has been recommended.

PP has submitted the EIA report vide letter dated 06/08/2019 which was forwarded through SEIAA vide letter no 1996 dated 04/09/2019, which was placed before committee.

In this meeting the case was scheduled for the EIA presentation and discussion where PP and their consultant were present, during presentation PP has submitted following project details:

**Project at a Glance:**

Site Address	196/A-B,197/B, Sector-f Industrial Area Sanwer Road Indore (M.P.)			
Proposed project	Bio Medical Waste Treatment Facility with the following :			
	<b>Sl. No.</b>	<b>Equipment</b>	<b>Number</b>	<b>Installed Capacity</b>
	1	Rotary Kiln	01	500 kg per hr

	2	Autoclave	01+01	500 kg per batch
	3	Shredder	01+01+01+01	300 kg per hour
	4	Effluent Treatment Plant	01	15 KLD
Existing project	CBWTF facility with Incinerator autoclave, shredder , etc			
Cost of Project	Rs 4.36 Crore			
Net fresh Water Requirement	15 KLD			
Power Requirement	170 KW which will be sourced through Madhya Pradesh Vidyut Vitaran Company Ltd.			
Capital Cost for Environmental measures (proposed )	Rs 78.75 Lacs			
Recurring cost for environmental management etc (Proposed )	Rs. 7.80 Lacs, which include O&M cost of CSEME, EQMS, post environmental monitoring cost, plantation cost etc.			
Existing area of plantation	Nil			
Land acquired	4550 sq mt ( 1.125 Acres)			
Proposed area for plantation	Total 33% area i.e. 1500 sq mt shall be dedicated for the green belt.			
Direct employment generation	60 no.			

M/s Hoswin Incinerator Pvt. Limited is having one operating incinerator of 350 kg per hours and another incinerator of 250 kg per hour as standby. In the light of BMW Rules 2016 and guideline issued by the CPCB, a new Rotary kiln based incinerator with Dry pollution control system of 500kg per hour is proposed. Existing incinerator with 350 kg per hour's capacity will be used as standby. The existing shredder, autoclave and ETP shall be used with the upgraded facility.

**Water Balance for proposed project**

<b>Details of Water Balance</b>		
<b>Heads</b>	<b>Water Consumption (KLD)</b>	<b>Waste Water Generation (KLD)</b>
<b>Unit</b>	<b>Proposed</b>	<b>Proposed</b>
Incineration	2000 ltr	800 ltr
Floor washing	4000 ltr	2500 ltr
Vehicle washing	5000 ltr	2000 ltr
Steam Generation	400 ltr	Nil
Green Belt	600 ltr	Nil
Others	3000 ltr	2500 ltr
<b>Total</b>	<b>15000 ltr</b>	<b>7800 ltr</b>

**Waste Management**

- Solid wastes shall be generated in the form of Incineration ash from Incinerator, ETP sludge from ETP process and used oil from the plant utility. Following steps shall be taken;
- Incineration ash from incinerator will be disposed to the nearest authorized TSDF site.
- Incineration ash and ETP sludge will be sent to authorized TSDF site
- Used oil will be properly stored and it will be re-used as lubricants in the machineries within the premises only.
- Record of solid waste generation and disposal shall be maintained.
- All Necessary precaution shall be taken during handling, loading and unloading of solid waste.

<b>Sr No</b>	<b>Name Of The Waste</b>	<b>Approximate Quantity (Tonnes/Year)</b>	<b>Waste Generating Point</b>	<b>Mode Of Handling &amp; Transport</b>
1.	Used oil	15 Lit/Yr.	From DG Sets, Pumps, etc	Will be given to authrosised recyclers.
2.	Incineration Ash	350 MT/Year	Incineration of Biomedical Waste	Authorized TSDF
3.	Used carbon from ACF	1 MT/Year	ETP	Authorized TSDF
4.	ETP Sludge	8 MT/Year	Effluent treatment plant	Authorized TSDF

**Gap and Root Description:**

As per the guideline, one CBWTF facility will cover 75 km area and 10000 beds. However as per the record available, considering the number of nursing home and hospitals with beds, the existing facility is not able to meet the requirement of the city.

There area around 2853 HCF's in MP state. The estimated quantity of BMW generated in MP is around 9409 kg/day. Following are the data available for the area of 75 km radius.

<b>Details on Coverage Area</b>					
<b>Indore</b> Indore, Khandwa, Burhanpur, Khargone, Sanawad, Barwah, Rau, Mhow, Sanwer		<b>Dhar</b> Betma, Dhar, Pithampur, Jhabua, Alirajpur, Dhamanod		<b>Ujjain</b> Ujjain, Shazapur, Dewas, Nagda, Badnagar, Agar	
<b>Beds</b>	<b>No of HCF</b>	<b>Beds</b>	<b>No of HCF</b>	<b>Beds</b>	<b>No of HCF</b>
12063	64	2386	8	4664	20
Quantity : 3923 Kg/Day		Quantity : 157 Kg/Day		Quantity : 444 Kg/Day	
Total Beds : 19113 No		Total HCF : 935 No		Total Quantity : 4524 Kg per day	

After presentation and discussion PP was asked to submit following revised details:

- 1) Commitment regarding capacity of proposed incinerator 500 kg/hour with capacity of other existing facilities.
- 2) Revised CER as suggested by the committee during presentation.

PP vide letter dated 03/10/2019 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 500 Kg per hour rotary kiln based medical incineration project Land area- 4550 sq.mt. (1.125 acre) at Plot No. 196 A & 196-B, Sector-F, Industrial Area, Sanwer Road, Indore, (MP).7(da) Common Biomedical

Waste Treatment, Storage and Disposal Facilities (TSDFs) subject to the following special conditions:

**I. Statutory Compliance**

<b>Sl. No.</b>	<b>Equipment</b>	<b>Installed Capacity</b>
1	Rotary Kiln	500 kg per hour
2	Autoclave	1000 kg per batch
3	Shredder	1200 kg per hour
4	Effluent Treatment Plant	15 KLD (Effluent will be primarily treated in the ETP and then will be send to CETP, Sanwer road, Indore)

- i. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- ii. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2016 including the section 129 to 137 of Central Motor Vehicle Rules, 1989.
- iii. Project shall fulfill all the provisions of hazardous Wastes (Management, handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration – 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerations shall be followed.
- iv. Project shall fulfill hall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.
- v. All other statutory clearances such as the approvals for storage of diesel from Chief Controlled of Explosive, Fire Department Civil Aviation Department shall be obtained, as applicable by project proponent from the respective competent authorities.

**II. Air quality monitoring and preservation**

- i. The project proponent shall install emission monitoring system including Dioxin and furans to monitor stack emission with respect to standards prescribed in Environment in Environment (Protection) Rules, 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification



through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- ii. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
- iii. Incineration plant shall be operated (combustion chambers) with temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) consent in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the materials.
- iv. CNG will be used as fuel in the Kiln. Venturi scrubber (alkaline) should be provided with the incinerator to arrest the gaseous emission with stack of adequate height (Minimum 35 meters) to control particulate emission.
- v. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards. All necessary air pollution Control devices (quenching, venturi scrubber, mist eliminatory) should be provided for compliance of emission standards.
- vi. Masking agents should be used for odour standards.

### III. Water quality monitoring and preservation

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules, 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. Waste water generated from the facility shall be treated in the ETP and treated waste water may recycled in the APCD connected to the incinerator, if required. The water after primary treatment shall be sent to CETP for further treatment and record shall be maintained. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero liquid discharge shall be maintained.
- iii. Process effluent /any waste water should not be allowed to mix with storm water.
- iv. Total fresh water use shall not exceed the proposed requirement (15 KLD) as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
- v. Zero discharge treatment system shall be provided. No soil contamination is anticipated from the proposed project as the land fill facility will have liner system to arrest any contamination.
- vi. Web based camera shall be installed to monitor the ZLD condition.
- vii. The leachate, if any, from the facility shall be collected and treated to meet the prescribed standards before disposal.
- viii. A drain along the boundary wall shall be made, and shall be connected to settling tank to protect the flow of contaminant towards nearby land

- ix. Run-off from upstream areas will be diverted to proposed settling tank (5mLX5mWX5D) within the premises through drains.
- x. The run-off generation will be minimized by diverting run-off from areas external to the plant to storm water discharge points;

IV. **Noise monitoring and prevention**

- i. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- ii. The sources of noise generation will Incinerator, pumps, Compressors, etc. All machinery has been manufactured as per OSHA/MoEF guidelines. Earplugs have been provided to workers working in noise prone area.
- iii. Ambient noise levels is in accordance with MoEF notification dated 14-02-2000 i.e. noise levels will be < 75 dB (A) during daytime and < 70 dB (A) during night time. No additional increase is expected.

V. **Energy Conservation measures**

- i. Provide solar power generation roof tops of building, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- ii. Provide LED lights in their offices and residential areas.
- iii. Power will be required about 170 KW which have been sourced through Madhya Pradesh Vidyut Vitaran Company Ltd.

VI. **Waste management**

- i. Incinerated ash and other shredded or Autoclaved waste shall be disposed at approved TSDF and MoU made in this regard shall be submitted to the SPCB prior to the Commencement.
- ii. The solid wastes shall be segregated as per the norms of the solid Waste Management Rules, 2016.
- iii. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- iv. No landfill site is allowed within the CBWTF site.
- v. Regular monitoring and analysis of village Pond flowing nearby and nearby pond shall be carried out
- vi. RCC dyke/platform should be constructed for storage of chemicals and oil drums to avoid spillage.
- vii. The project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB and disposed them as follows:

Sr No	Name Of The Waste	Approximate Quantity (Tonnes/Year)	Waste Generating Point	Mode Of Handling & Transport
1.	Used oil	15 Lit/Yr.	From DG Sets, Pumps, etc	Will be given to authrosised recyclers.
2.	Incineration Ash	350 MT/Year	Incineration of Biomedical Waste	Authorized TSDF
3.	Used carbon from ACF	1 MT/Year	ETP	Authorized TSDF
4.	ETP Sludge	8 MT/Year	Effluent treatment plant	Authorized TSDF

**VII. Green Belt**

- i. Green belt shall be developed in area as provided in project details, with native tree green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- ii. The 1500 sq.mts (300 numbers of trees) of total area shall be provided for green belt development as per the details provided in the project document. 5 m wide greenbelt will be developed all around the plant.

**IX. Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1<sup>st</sup> May 2018, as applicable, regarding. Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to during into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/condition. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six monthly reports.
- iii. In the EMP PP have proposed Rs. 78.75 lakh/year as capital cost and 7.80 lakh/year for recurring expenses. Under CER Rs. 9.00 lakhs/year is proposed.
- iv. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senor Executive, who will directly to the head of the organization.

- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Officer along with the six monthly Compliance Report.
- vi. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. **Miscellaneous**

- i. The project authorities must strictly adhere to the stipulation made by the State Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- iii. No further expansion or modification in the plant shall be carried out within prior approval of the Ministry of Environment Forests and Climate Change (MoEF & CC).
- iv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules any other orders passed by the Hon'ble Supreme Court of India/ High Courts/NGT and any other Court of Law relating to the submit matter.

5. **Case No. - 5737/2018 M/s Panchsheel Organic Limited, B-6-B7, Sector C Industrial Estate Sanwer Road, Indore (M.P.) Prior Environment Clearance for Manufacturing of Bulk Durg & Intermediate at Plot No. 87 & 88 Village Sagor, Pithampur Distt. Dhar (M.P.) Land area 6000 Sqm, Proposed Capacity 10,000 Kg/Month or 120 TPA with by product of 14.65 Kg/day.Env.Cons-Creative Enviro Services.**

The proposed project falls under item no 5(f) i.e. Synthetic organic chemicals hence requires prior EC from SEIAA before initiation of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

Earlier this case was scheduled in 327<sup>th</sup> SEAC meeting dated 07/09/2018 wherein it was recorded that: 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 and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

Earlier this case was scheduled in 329<sup>th</sup> SEAC meeting dated 23/10/2018, wherein ToR has been recommended.

PP has submitted the EIA report vide letter dated 20/07/2019 which was forwarded through SEIAA vide letter no 1998 dated 04/09/2019 which was placed before committee.

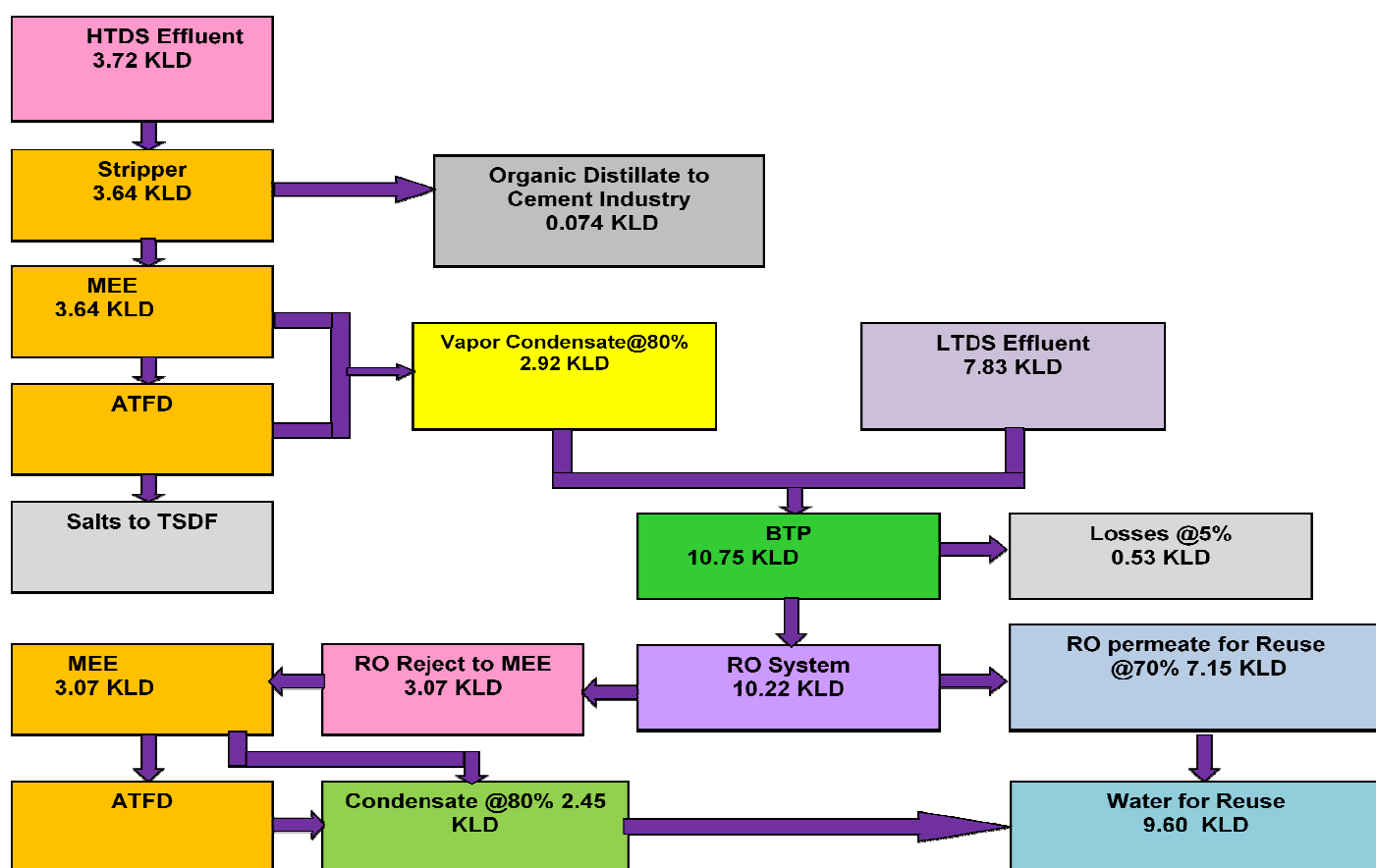
In this meeting the case was scheduled for the EIA presentation and discussion where PP and their consultant were present, during presentation PP has submitted following project details:

**SALIENT FEATURE OF PROJECT**

<b>Project Proponent</b>	<b>M/s Panchsheel Organic Ltd.</b>
Project Name	Manufacturing of Bulk drug and Intermediates
Production capacity	120 TPA of bulk drug and drug Intermediate
Estimated Project Cost	7 Crores
EMP Cost	2.5 Crores
Acquired Land	6000 sq mtrs
Total Water Consumption	41.64 KLD
Source of Water Supply	Through AKVN
Waste Water Generation	11.50 KLD
Proposed Treatment Facility	POL will install Multi Effective Evaporator, with treatment capacity 15 KL/Day. The treated water will be used for cooling towers, floor washing and gardening/green belt.
Source of power supply	Madhya Kshetra Vidyut Vitaran Company
Power Requirement	250 KVA
Fuel Options	Fuel: Coal DG Set 125 KVA

Major equipments	Reactors, Centrifuge, Vacuum Try Dryer, Filters, Boiler (1 & 2 TPH), Cooling Tower, MEE(15 KL), ETP (20 KL) and RO (15KL) etc.
Proposed green belt	1000 sq mtrs
Employment generation	200 no.
Fund for CER activities	14 Lacs

### WATER BALANCE



Hazardous Waste Generation & disposal			
S. No	Name of the Hazardous Waste	Quantity	Disposal Method
1	Organic waste (Process Residue)	170.00 Kg/Day	Sent to Cement Industries

2	Spent Carbon	50.00 Kg/Day	Sent to Cement Industries
3	Solvent Distillation Residue	115.00 Kg/Day	Sent to Cement Industries
4	Inorganic Waste	31.75 Kg/Day	Sent to TSDF
5	ETP Sludge	50 .00 Kg/Day	Sent to TSDF
6	MEE Salts	288 .00 Kg/Day	Sent to TSDF
7	Organic Evaporative Liquid ( from MEE Stripper)	0.074 KLD	Sent to Cement Industry
8	Used Oils	960L/Annum	SPCB Authorized Agencies for Reprocessing/Recycling
9	Detoxified Containers	500 No's / Month	After Detoxification sent outside agencies.
10	Used Lead Acid Batteries	2 No's/ Annum	Send back to suppliers for buyback of New Batteries

After presentation and discussion PP was asked to submit following revised details:

- 1) Revised CER as suggested by the committee during presentation.

PP vide letter dated 03/10/2019 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Common for manufacturing of Bulk Durg & Intermediate at Plot No. 87 & 88 Village Sagor, Pithampur Distt. Dhar (M.P.) Land area 6000 Sqm, Proposed Capacity 10,000 Kg/Month or 120 TPA with by product of 14.65 Kg/day. Cat. 5(f) Synthetic Organic Chemicals Industry (Bulk Drug) Project subject to the following special conditions:

**(A) Statutory compliance:**

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

**(B) Air quality monitoring and preservation**

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM10 and PM2.5 in reference to PM emission and S02 and NOx in reference to S02 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) covering upwind and downwind directions.
4. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.



5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
6. The DG sets (1 X 125 KVA) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
7. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
8. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

**(C) Water quality monitoring and preservation**

1. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
2. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
3. The effluent shall (11.5 KLD) be segregated as high COD/High TDS and Low COD/Low TDS effluents. The HCOD/HTDS shall be neutralized and sent to stripper followed by MEE and ATFD. LCOD/LTDS effluent shall be treated in ETP with domestic effluent followed by RO system. The treated effluent shall be entirely reused and recycled in cooling tower make-up.
4. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
5. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
6. Total fresh water requirement shall not exceed 31.64 KLD and as proposed MPAKVN shall provide the fresh water.
7. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.

8. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
9. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

**(D) Noise monitoring and prevention**

1. Acoustic enclosure shall be provided to DG (1 X 125 KVA) set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**(E) Energy Conservation measures**

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 250 KVA . The power will be supplied by Madhya Pradesh Electricity Board. Furnanace Oil Consumption 100 lit/hours (Source Indigeneous)

**(F) Waste management**

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Hazardous wastes such as spent solvents (50.00 kg/day) shall be sent to cement industries, organic incinerable wastes/residues (170 kg/day) shall be sent to cement industries, Solvent Distillation Residue 115.00 kg/day sent to Cement Industries, Inorganic Waste 31.75 Kg/Day Sent to TSDF, ETP Sludge 50.00 Kg/day sent to TSDF, MEE Salts 288.00 kg/day Sent to TSDF, Organic Evaporative liquid (From MEE Strippeer) 0.074 KLD sent to Cement Industries Used Oils 960 L/Annum to recyclers aauthorized by SPCB .

3. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
4. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
5. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
6. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
7. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
8. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
9. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
10. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
11. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
12. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
13. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
14. The company shall undertake waste minimization measures as below:
  - a. Metering and control of quantities of active ingredients to minimize waste.
  - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - c. Use of automated filling to minimize spillage.
  - d. Use of Close Feed system into batch reactors.
  - e. Venting equipment through vapour recovery system.
  - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

**(G) Green Belt**

1. The green belt of 5-10 m width shall be developed 1000 sq. meter within plant and 1468 along the road in the project area, mainly along the plant periphery, in downward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the EIA 800 no's trees in four years shall be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

**(H) Safety, Public hearing and Human health issues**

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

**(I) Corporate Environment Responsibility**

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
4. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
5. The proposed EMP cost is Rs. 250.00 lakhs and 14.00lakhs/year as recurring cost and out of which the Environment Monitoring Cost for the project is 14 lakhs and and Rs. 0.30 lakhs is proposed for green belt development.
6. Under CER activity, Rs.14.00 lakhs are proposed for different activities.
7. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
8. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

**J. Miscellaneous**

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
5. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.
6. **Case No. – 6115/2019 Shri Rajeev Tomar, Shri Rajendra Tomar, Village - Attaakarlangaddh, Dist. Sagar, MP – 470441 Prior Environment Clearance for Flag Stone Quarry in an area of 1.80 ha. (1,368 cum per annum) (Khasra No. 162/23), Village - Chanari, Tehsil - Sagar, Dist. Sagar (MP).**

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 162/23), Village - Chanari, Tehsil - Sagar, Dist. Sagar (MP) 1.80 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 473 dated: 07/03/19 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 5.60 ha., including this mine.

Earlier this case was presented by the PP and their consultant in 367<sup>th</sup> SEAC meeting dated 01/05/2019 wherein 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 and in case the PP remains absent, the decision will be taken on the basis of documents received from SEIAA.

The case was presented by the PP and their consultant in 380<sup>th</sup> SEAC meeting dated 05/07/2019, wherein during presentation PP has submitted the Revised M.O regarding number of mines within 500 meters radius. According to this letter vide letter no 747 dated 04/05/2019 that there are 03 more mines within 500 meters periphery of this mine with total area of 4.4` 0 ha including this mine, which was placed before the committee.

Committee after detailed discussion decided that Since the Mining Officer in letter No. 473 dated: 07/03/19 has reported that there are 04 more mines, and then letter vide letter no 747 dated 04/05/2019 that there are 03 more mines, PP should submit clarification of surrounding mines from the concerned Mining Officer, whether it is 04 mines or 03 within 500 meters radius and if it is three what is the status of fourth mine is it closed and will not be further allocated and does the mine closure plan implemented for further consideration of this case.

This case was placed before the committee as PP vide letter dated 21/08/2019 has submitted the revised M.O certificate vide letter no 1238 dated 13/08/2019.

The case was presented by the PP and their consultant wherein committee observed that as per revised M.O certificate issued vide letter no 1238 dated 13/08/2019, it's a case of cluster with total area of 5.60 ha., 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. Explore such evacuation road that should be left minimum disturbance to surrounding villages.

**7. Case No. – 6442/2019 Smt. Sadhna Shankhla W/o Shri Mahesh Shankhla, Village - Pujapura, Tehsil - Bagli, Dist. Dewas, MP – 455227 Prior Environment Clearance for Metal Stone Quarry in an area of 1.470 ha. (8,550 cum per annum) (Khasra No. 284/6, 284/13), Village - Pujapura, Tehsil - Bagli, Dist. Dewas (MP).**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 284/6, 284/13), Village - Pujapura, Tehsil - Bagli, Dist. Dewas (MP) 1.470 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 Ekal Praman-Patr (Collector Office) letter No. 388 dated: 27/03/19 has reported that there are one more mines operating or proposed within 500 meters around the said mine with total area shall be 2.270ha.including this mine.

Earlier this case was scheduled for the presentation in 394<sup>rd</sup> SEAC meeting dated 31/08/2019, 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 the PP and their consultant wherein it was observed through Google image that a poly house is located on the western side of the lease approx. 80 meters away and during blasting due to fly rocks this can be damaged and may create threat to the human life for which PP submitted that this poly house is at present is not in use and already damaged. Committee after deliberations asked PP to submit the recent photographs of this poly house for further consideration of this case.

**8. Case No. – 6416/2019 Shri Awadesh Pratap Singh Parihar, Near New BSNL Colony, Naya Panna Naka, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Stone Quarry in an area of 2.727 ha. (80,000 cum per annum) (Khasra No. 138), Village - Byas Badaura, 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. 138), Village - Byas Badaura, Tehsil - Chandla, Dist. Chhatarpur (MP) 2.727 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Mining Officer (Collector Office) letter No. 2677 dated: 12/06/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in 392<sup>nd</sup> meeting dated 29/8/2019, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which



might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 389<sup>th</sup> SEAC meeting dated 09.08.2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for 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. Earlier PP was also absent in 389<sup>th</sup> SEAC meeting and 392<sup>nd</sup> SEAC meeting. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

9. **Case No. – 6399/2019 Shri Anand Asharma, S/o Shri Rajendra Kumar Asharma, Subhash Chowk, Narsingharh, Dist. Rajgarh, MP – 465669. Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (15,117 cumper annum) (Khasra No. 904/13/1 Part), Village - Lakhanwas, Tehsil - Biaora, Dist. Rajgarh (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 904/13/1 Part), Village - Lakhanwas, Tehsil - Biaora, Dist. Rajgarh (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 738 dated: 29/05/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation in 392<sup>nd</sup> SEAC meeting dated 29/08/2019 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 389<sup>th</sup> SEAC meeting dated 09.08.2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for 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. Earlier PP was also absent in 389<sup>th</sup> SEAC meeting and 392<sup>nd</sup> SEAC meeting. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**10. Case No. – 6405/2019 Smt. Kalandi Singh w/o Shri Anupam Singh, Railway Station Road, Billi, Dist. Sonbhadra, UP – 231216. Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (25,080 cum per annum) (Khasra No. 233 Part), Village - Piparwan, Tehsil - Chitrangi, Dist. Singrauli (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 233 Part), Village - Piparwan, Tehsil - Chitrangi, Dist. Singrauli (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. 2333 dated: 22/06/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4. 00 ha., including this mine.

Earlier this case was scheduled for presentation in 392<sup>nd</sup> SEAC meeting dated 29/08/2019 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 389<sup>th</sup> SEAC meeting dated 09.08.2019. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant wherein it was observed through Google image that some trees are in existence in the lease area for which PP submitted that sendha 40 trees are in lease. Committee further observed that Tehsildar has stated in his letter that there are 150 sendha trees on the lease. After deliberation committee asked PP to submit drone video of the lease to assess the existence of trees in the lease.

**11. Case No. – 6461/2019 Shri Dilip Kumar Pritmani S/o Shri Panju Mal Pritmani, B-94, Lal Ghati Road, Vijar Nagar, Bairagarh, Dist. Bhopal, MP – 462030 Prior Environment Clearance for Murrum Mining Quarry in an area of 2.00 ha. (9,021 cum per annum) (Khasra No. 5/1 Parts), Village - Rasuliya Pathar, Tehsil - Huzur, Dist. Bhopal (MP).**

This is case of Murrum Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 5/1 Parts), Village - Rasuliya Pathar, Tehsil - Huzur, Dist. Bhopal (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. 469 dated: 10/10/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for the presentation in 393<sup>rd</sup> SEAC meeting dated 30/08/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant wherein PP submitted that it a case of Murrum mining wherein no drilling and blasting will be carried out. After presentation, PP was asked to submit following details:

1. Revised EMP as suggested by committee.
2. Revised EMP map as advised by committee shall be submitted.

PP has submitted the response of above quarries same date vide letter dated 03.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 9,021 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.02 Lakh as capital and Rs. 02.25 Lakh/year. Under CER Rs. 00.34 lakhs/year has been proposed.

**12. Case No. – 6429/2019 Shri Ashish Gupta S/o Akhilesh Gupta, Village - Thikariya, Tehsil - Piploda, Dist. Ratlam, MP. Prior Environment Clearance for Stone Deposit in an area of 1.00 ha. (10,476 cum per annum) (Khasra No. 11), Village - Thikariya, Tehsil - Piploda, Dist. Ratlam (MP).**

This is case of Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 11), Village - Thikariya, Tehsil - Piploda, Dist. Ratlam (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 248 dated: 18/06/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

This case was scheduled for the presentation 387<sup>th</sup> SEAC meeting dated 07.08.2019 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 scheduled again for presentation in 393<sup>rd</sup> SEAC meeting dated 30/08/2019 wherein it is recorded that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 387<sup>th</sup> SEAC meeting dated 07.08.2019. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for 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. Earlier PP was also absent in 387<sup>th</sup> SEAC meeting and 393<sup>rd</sup> SEAC meeting. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

13. **Case No. 6481/2019 Shri Rishi Tiwari S/o Shri Laxman Prasad Tiwari, Village - Kuhka, Post - Malga, Tehsil - Kotma, Dist. Anuppur, (M.P.) – 484334 Prior Environment Clearance for Stone Quarry in an area of 3.4760 ha. (17,640 cum per annum) (Khasra No. 401/1, 401/2, 402/3, 416), Village - Gadhi, Tehsil - Kotma, Dist. Anuppur (M.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 401/1, 401/2, 402/3, 416), Village - Gadhi, Tehsil - Kotma, Dist. Anuppur (M.P.) 3.4760 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 896 dated: 26/09/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine total area of 4. 676 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed through Google image that a road is in existence on the eastern side of the lease at about 220 meters away and a natural water body on the southern side of the lease at about 220 meters. After presentation, PP was asked to submit following details:

1. Revised EMP removing VT.
2. Revised plantation for 3000 plants as advised by committee shall be submitted.

PP has submitted the response of above quarries same date vide letter dated 03.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 17,640 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 08.55 Lakh as capital and Rs. 01.97 Lakh/year. Under CER Rs. 01.00 lakhs/year has been proposed.

**14. Case No. – 6431/2019 Shri Rakesh Kumar Bharti, S/o Late Shri Shyam Sunder Shyam, Mudiyan Ka Kuwan, Dist. Datia, MP – 475661. Prior Environment Clearance for Crusher Stone Mine in an area of 2.517 ha. (16,200 cum per annum) (Khasra No. 2469/26 (Part)), Village - Datia Grid, Tehsil - Datia, Dist. Datia (MP).**

This is case of Crusher Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2469/26 (Part)), Village - Datia Grid, Tehsil - Datia, Dist. Datia (MP) 2.517 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 508 dated: 10/06/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in 388<sup>th</sup> SEAC meeting dated 08/08/2019, during presentation as per Google image based on coordinates provided by PP, committee observed that coordinates are not matching as the co-ordinate presented by PP are different from the co-ordinates mentioned in the mine plan. PP was asked to submit revised coordinates duly verified by the competent authority from mining department.

PP has submitted the revised co-ordinates duly verified by the competent authority. The case was presented by the PP and their consultant wherein through Google image it was observed that site is in close proximity with a village road on the northern side for which 05 meters set back shall be left and revised surface map shall be submitted. After presentation, PP was asked to submit following details:

1. Surface map showing 05 meters setback from the village road.
2. Revised EMP as suggested by committee.
3. Revised CER as advised by committee shall be submitted.

PP has submitted the response of above quarries same date vide letter dated 03.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 16,200 cum/annum.

2. A setback of 05 meters shall be left in the lease area from North side due to existence of village road.
3. A budgetary provision for Environmental management Plan of Rs. 05.62 Lakh as capital and Rs. 02.73 Lakh/year. Under CER Rs. 03.00 lakhs/year has been proposed.

**15. Case No. – 6505/2019 M/s Dineshchandra R Agrawal Infracon Pvt. Ltd, 401, The Grand Mall, S.M.Road, Ambawadi, Dist. Ahmedabad, Guj. Prior Environment Clearance for Soil/ Murrum Quarry in an area of 1.50 ha. (1,20,000 cumper annum) (Khasra No. 100), Village - Dhayali, Tehsil - Khategaon, Dist. Dewas (MP).**

This is case of Soil/ Murrum. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 100), Village - Dhayali, Tehsil - Khategaon, Dist. Dewas (MP).1.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office(Dewas) letter No. Nil dated: 21/08/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed through Google image that a kachha road is in existence on the eastern side of the lease at about 100 meters away and lease appears to be excavated for which PP submitted that they have got the lease in this condition. PP further submitted that it's a case of Murrum where no drilling and blasting is proposed. After presentation, PP was asked to submit following details:

1. Area available at pit bottom for machinery operation.
2. Commitment of PP to carryout transportation through 40 MT truck load capacity to minimize the number of trips.
3. Re-assess the number of trips/day with 40 MT loading capacity.
4. Commitment of PP for providing pucca evacuation route to carry 40 MT truck load considering the production vary high capacity with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides.
5. Commensurate budget for evacuation route shall be provided in the EMP.
6. Commitment of PP that no evacuation shall be carried out from the village side.
7. Measures to prevent collapse of mine during mining.
8. Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 03.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil/Murum 1, 20,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.28 Lakh as capital and Rs. 05.00 Lakh/year. Under CER Rs. 03.00 lakhs/year has been proposed.

**16. Case No. – 6521/2019 Smt. Rachna Singh W/o Shri Balram Singh, R/o Parecha Station Road, Parecha, Dist. Jhansi, UP – 284121 Prior Environment Clearance for Stone quarry in an area of 2.00 ha. (20,000 cum per annum) (Khasra No. 915/1/Ka), Village - Bheetri, Tehsil - Niwari, Dist. Niwari (MP).**

This is case of Stone quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 915/1/Ka), Village - Bheetri, Tehsil - Niwari, Dist. Niwari (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. NIL dated: 03/06/17 has reported that there are no ore mines operating or proposed within 500 meters around the said mine.

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.

**17. Case No. – 6488/2019 Shri Sanjay Rathore S/o Shree Balkrishna Rathore, Tehsil - Petlawad, Dist. Jhabua, MP – 457773 Prior Environment Clearance for Stone Quarry in an area of 1.940 ha. (8,730 cum per annum) (Khasra No. 1/1), Village - Khoriya, Tehsil - Petlawad, Dist. Jhabua (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Khoriya, Tehsil - Petlawad, Dist.



Jhabua (MP) 1.940 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. 1813 dated: 25/06/19 has reported that there are no ore mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed through Google image that a natural drain is in existence on the north - western side of the lease which is 50 meters away. 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 8,730 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 07.80 Lakh as capital and Rs. 03.84 Lakh/year. Under CER Rs. 00.50 lakhs/year has been proposed.

**(Dr. Sonal Mehta)**  
**Member**

**(Dr. A.K. Sharma)**  
**Member**

**(Dr. Mohd. Akram Khan)**  
**Member**

**(R.S.Kori)**  
**Secretary**

**(Mohd. Kasam Khan)**  
**Chairman**

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

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murrum and Soil quarries:**

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.

**Annexure- 'B'**

**Standard conditions applicable for the Sand Mine Quarries\***

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
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. 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.

9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
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 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.
12. 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.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. 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.
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.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. 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.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. 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.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. 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.
23. 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.
24. 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.

**Annexure- 'C'**

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

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

**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 CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
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 shall be analyzed in all soil samples.

**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.**

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