

The 346th meeting of the State Expert Appraisal Committee (SEAC) was held on 26th February, 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 Prashant Srivastava, Member.

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

- 1. Case No. - 5735/2018 The Executive Engineer, Narmada Development Division No. 25, Narmada Nagar, Distt. - Khandwa, (M.P.) – 450119. Prior Environment Clearance for Micro Lift Irrigation Scheme at Killod, Tehsil - Harsud, Dist. - Khandwa, (M.P.) Lifting Point Indira Sagar Reservoir at 247 m RL, Command Area- 10,000 ha. Gross command area -12,000 ha, in 29 Villages of Khandwa District in M.P. by lifting 36.91 MCM water from ISP Reservoir ha. Cat. - 1(c) River Valley and Hydroelectric Projects. Env. Con. – R. S. Envirolink Technologies Pvt. Ltd. Gurgaon.**

This is a River Valley projects involving 10,000 ha., of culturable command area falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from the SEIAA. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

Salient features of the project, proposed TOR and other details of the project were presented before the SEAC in 327th meeting dated 07/09/2018 by the PP and his consultant, which reveals following:

INTRODUCTION:-

AIM(S) OF THE SCHEME WORK:

The main objective of KILLOD LIFT IRRIGATION SCHEME is to provide irrigation facilities to the water-scare areas in upper reaches of Harsud, tehsil of Khandwa district where the level of irrigation is very much less as compare to national irrigation percentage. The KILLOD LIFT IRRIGATION SCHEME has been conceived to cater irrigation water to about 10000 Ha CCA

in Khandwa districts in 29 villages. The need of drinking water will also be taken care of where ever required.

Location of Scheme:

The Scheme area lies in Khandwa District. The supply source i.e. ISP Reservoir near Ambakhal village of Khandwa District and command area lies in Harsud tehsil of Khandwa districts.

SALIENT FEATURES

1.	Name of the Scheme	KILLOD MICRO LIFT IRRIGATION SCHEME
2.	Type of Scheme (Irrigation or Multipurpose)	Lift Irrigation Scheme
3.	Location	:
	i) Supply Source	: ISP Reservoir
	ii) Lifting Point ;	: ISP Reservoir near Village Ambakhal
	iii) Command	Tehsil Harsud, Distt. Khandwa
3.1	River Basin	
	a) Name	: Narmada Basin
	b) Location	: Madhya Pradesh Distt. Khandwa
3.2	River / Tributaries	Narmada Basin
3.3	State / District or Tehsils in which following are located	State District Tehsil
	(a) Lifting Point / Rising Main	M.P Khandwa Harsud
	(b) Command Area	
3.4	Name of Village near head works (Lifting Point)	Village Ambakhal, Tehsil Harsud
3.5	Location of Pump house	

(i) Lifting Point	ISP Reservoir near Village Ambakhal Tehsil Harsud
(a) Longitude	76° 43' 45"
(b) Latitude	22° 08' 45"
(c) List in Earthquake Zone No	Zone-III (Moderate Seismic)
(i) Level at off take point	R. L. 247.00 meter (Near village Ambakhal)
(ii) Level at Delivery point	R.L. 292.00 meter (Near village Nandiya)

3.6 Scheme Area reference

Top sheet	Rising main/Gravity main/Command Area 55 B/12,55 B/16
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3.7 Access to the Scheme

a) Nearest Airport	Devi Ahilya Airport Indore (M.P.) 175 Km from Lifting Point
b) Nearest RailStation	Khandwa, 45 km from Lifting Point

4 Interstate aspects of theScheme

(a) Catchment area of the basin (b) State-wise / Country-wise details of Catchment area (c) Submergence due to Scheme	} It is a lift scheme and no balancing reservoir , hence No submergence
(d) Water allocation for the state (if any)	The Quantum of water being lifted for this Scheme is included in the water share of M.P. as per NWDT award
(e) Water allocation for other state	Not applicable
(f) committed utilization	

(i) Upstream Schemes

- (a) Scheme Completed
- (b) Scheme under construction
- (c) Feature Schemes

(d) Any other As stated above it is as per committed utilization of share of Narmada Water

(ii) Downstream Schemes

(a) Scheme Completed

(b) Scheme under construction

utilization of Narmada Water

(c) Future Schemes

(d) Any other

(g) Proposed annual utilization by the Scheme

36.91 Mcm

(i) Irrigation (surface)

10000 Hectare

(ii) Annual irrigation on intensity of irrigation @ 100%

10000 Hectare

- Kharif

0

- Rabi

100% (10000 Ha.)

- Horticulture

0

Total -

100%

(i) Irrigation

3.56 cumec

Total

3.56 cumec

5 Estimated life of the Scheme (years)

50 Year

6 Irrigation (ha.)

(a) Gross command area (GCA)

12000 Hectare

(b) culture able command area (CCA)

10000.Hectare

(c)Area under Irrigation (break up)

- | | |
|--|-----------------|
| (i) Rabi | 10000 Ha. |
| (ii) Gross irrigated area | 10000 Ha. |
| (iii) Intensity of irrigation | 100% |
| (d) Cost per hectare of gross area irrigated | 1.17 Lacs/Hact. |

7 Scheme Performance

- | | |
|----------------|---------------|
| (a) Irrigation | 10000 Hectare |
|----------------|---------------|

8 Head Regulator(s) Pump House Structure shall be constructed

9 Canal System

- | | |
|-----------------|-------------------------|
| 9.1 Rising Main | Canal (Piped) – 2.73 Km |
|-----------------|-------------------------|

- | | |
|------------------------|--|
| 9.1.1 Purpose of Canal | Irrigation and raw water to villages of command area |
|------------------------|--|

9.1.2 Type

- | | |
|--|------------------------------|
| (a) Flow | Piped system |
| (b) Lined/unlined | Piped system |
| (c) Discharge capacity of the Channel above which lining is proposed | Not applicable (Piped Canal) |
| (d) Type of lining | Not applicable |

9.1.3 Design data

- | | |
|---|--|
| (a) Length (km) | Distributory No.1 to 6 =31 Km (Piped) |
| (b) Full supply level at head/tail (El-m) | } Not applicable as the flow will be pressurised flow |
| (c) Full supply depth at head/tail (El-m) | |
| (d) Bed width at head/tail (El-m) | |
| (e) Side slope at head/tail (El-m) | |
| (f) Bed slope (range) | According to hydraulic gradient |
| (g) Maximum discharge capacity at head (m ³ /s) | 3.56 <u>cumecs</u> |
| h) Total number of canal structures | NIL except outlets for irrigation & water supply at Appropiates location |
| i) Total head losses | 4 M |
| j) Gross command area (ha.) | 12000 |

k)	Culturable command area (ha.) Net C.C.A.	10000	
9.1.4	Distribution system (up to 2.5 hectares)	Distributaries and minors (piped)	
	(a)Numbers (Minors)	20 Nos	
	(b)Total length (km)	39.50 Km	
9.2	Efficiencies (percentage)		
	(a) Conveyance	95%	
	(b) Field application	84%	
10	Cropping Pattern	Existing	Proposed
		100%	100%.
10.1	Name of crop (season-wise)		
	RABI		
	OCTOBE	NOVE	
	(a) Wheat	(a)	
	(b) Wheat	(b)	
	(c) Others		
11	Cost		
	11.1. Cost of the Scheme (Rs.Crore)	140.57 Crores	
	11.2 Allocation cost (Rs.Crore)		
	Unit I	49.33 Crores	
	Unit II	91.24 Crores	
	Total Cost	140.57 Crores	
12	B.C. Ratio	2.63	

The case was presented by the PP and their consultant in 327th SAC meeting dated 07/09/2018, wherein during presentation it was submitted by the PP that no submergence is involved in the project. After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA study along with following additional TORs as annexed in annexure-D:

1. A detail of the source (quantum of water available, other potential users etc.) from where water is envisaged to be lifted shall be furnished.
2. Places where diversions of nallah/natural drains are proposed should be detailed out in the EIA report.
3. Sedimentation study in the pipe lines including the deposition, scaling etc should be furnished with EIA report along with the methodology proposed for its cleaning.

4. Economic viability and cost benefit analysis be conducted and presented in the EIA report and should also take into consideration environmental/ecological factors.
5. How micro-irrigation technology shall be implemented in this project after the completion of the project should be discussed in the EIA report.
6. The study area for the EIA shall include 2.5 Km area on either sides of the pipeline.
7. Management plan for dug-out material generated during laying / construction of the pipe line / structures.
8. 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.
9. An inventory of flora & fauna based on actual ground survey shall be presented.
10. As forest land is involved in the project status of FC stage to be clarified with supporting documents.
11. PP should also explore the possibility of reducing proposed power requirement and methods proposed for dealing with back pressure in case of electricity failure should be studied in the EIA report.
12. EIA report should cover impact of anticipated change in cropping pattern and associated activities like horticulture, animal husbandry etc.
13. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
14. Ratio of gravity flow and pumping should be studied in the EIA report as 03 pumping stations are proposed in the project.
15. Any proposal for alternate power supply. If yes, their details should be discussed in the EIA report.
16. Risk factors with their management plan should be discussed in the EIA report.
17. Intensive flora and fauna should be studied as project is in close proximity with Wildlife Sanctuary (if any).

PP has submitted EIA/EMP vide letter no. 1023 dated 20/09/2018 which was forwarded through SEIAA vide letter no. 1492 dated 10/10/2018.

In this meeting the case was presented by PP and their consultant wherein PP submitted that as per EIA Notification of September 2006 and subsequent amendments, Irrigation Projects, listed at item 1(c) of Schedule, having culturable command area (CCA) greater than or equal to 10,000 ha and less than 50,000 ha are considered as category B1 project; and are therefore be appraised by the SEIAA.

- Killod Micro Lift Irrigation Scheme with CCA of 10000 ha, therefore, will be appraised by SEAC.
- These locations are so planned to avoid any forest land diversion for the purpose.
- Study was conducted during October-December 2018; Public Hearing was conducted on February 04, 2019 in district Khandwa.
- The supply source is ISP Reservoir near Ambakhal Ryt village of Khandwa District. The Command area lies in Harsud tehsil of Khandwa district.
- The project is a lift irrigation scheme; consisting of lifting water from ISP reservoir and distribution through a pressurized piped system to cultivators for irrigation during Rabi season.
- 29 villages of Harsud tehsil of Khandwa district will be benefitted.
- Water will be supplied upto 2.5 ha chak size under adequate pressure (minimum 20m head) for drip/sprinkler system to be installed by cultivators.
- The Project consists of following Components:
 - Pumping Station (1)
 - Rising mains – 2 Nos. (9Km +7 KM = 16 Km)
 - Distribution Network (MS/DI/HDPE – 253 Km) up to 2.5 ha chak
 - Flow & Pressure Control Valves, Air valves
 - Power Transmission Line

After presentation PP was asked to submit following informations:

1. Schematic layout of rising mains with RL details.
2. Commitment of PP that muck disposal shall be done with due consent of gram Sabah in the agriculture fields.
3. Commitment of PP that afforestation on 35 ha., land will be done by the NVDA forest division and basis of calculation of voluntary afforestation.
4. The Waste management Plan in the labor camps.
5. Commitment of PP that no tree felling are proposed during layout of pipelines and if any tree come in the route than essentially permission will taken by PP from the competent authority for tree cutting.
6. Revised table of EMP with appropriate budget.
7. Commitment from PP regarding fire fighting equipments will be provided in all the permanent pumping stations and waste management in labor camps with revised budget in EMP.

PP vide letter dtd. 26.02.2019 submitted reply of the above query. The query reply was presented before the committee which were found satisfactory and acceptable hence the case was recommended for grant of prior EC for Micro Lift Irrigation Scheme at Killod, Tehsil - Harsud, Dist. - Khandwa, (M.P.) Lifting Point Indira Sagar Reservoir at 247 m RL, Command Area- 10,000 ha. Gross command area -12,000 ha, in 29 Villages of Khandwa District in M.P. by lifting 36.91 MCM water from ISP Reservoir. Cat. - 1(c), River Valley Project with subject to the following special conditions and forest clearance:

(A) PRE-CONSTRUCTION PHASE

1. During any construction/pumping station erection, curtaining of site should be carried out to protect nearby areas.
2. Adequate arrangement to prevent incidence of any endemic health problem due to water /soil borne diseases shall be provided.
3. Adequate provisions for re-vegetation, dressing, resurfacing of burrow pits etc. should be ascertained for protecting soil erosion due to runoff during rain.
4. Burning of firewood/fuel by the construction workers for their cooking may have minor impact on the local air quality, which however can be avoided with provision of alternate cooking fuel such as kerosene or LPG gas.
5. For dust mitigation measures following measures shall be adopted:
 - Roads leading to or at construction sites must be paved and blacktopped (i.e. metallic roads).
 - No excavation of soil shall be carried out without adequate dust mitigation measures in place.
 - No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.
 - Wind-breaker of appropriate height minimum 03 meters shall be provided.
 - Water sprinkling system shall be put in place.
 - Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
 - Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
 - No uncovered vehicles carrying construction material and waste shall be permitted.
 - Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.
6. PP will obtain other necessary clearances/NOC from respective authorities.

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

(B) CONSTRUCTION PHASE

8. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
9. Fire extinguishers should be provided on site during construction/ plant erection period.
10. First-aid facilities should be provided in the all permanent pump house stations and in the shelter home with the first –aid training to the key person.
11. Solar lighting shall be used for auxiliary supply.
12. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
13. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.
14. Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
15. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
16. The proposed land use plan of the area is as follows:

Land use/ Land cover Classes	Area (%)
Deciduous Forest	2.32
Scrub Forest	4.32
Scrub Land	9.84
Agriculture/ Fallow Land	80.1
Mining	0.43
Settlement	0.51
Water body	2.49

Total	100.00
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17. Waste construction material should be recycled as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
18. Plantation in patches in suitable land 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 landscape plan & EMP. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
19. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
20. Waste oil & grease generated from the pumps and standby DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
21. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

22. Plantation shall be carried out by the NVDA forest division in the 35 ha. as per submitted plan in the command area or on available degraded land/ non forest waste land area.
23. The Project consists of 01 Pumping Stations and 02 Rising mains as 9Km + 7 KM = 16 Km.
24. Total Power requirement for this project shall be 3.11MW (Rising main-1= 2.07 MW & Rising main-2= 1.04 MW).
25. In the post-irrigation phase, farmers tend to use more fertilizers and pesticides these may result in soil and water pollution. Hence, it should be essential to use the fertilizers and pesticides in a judicious manner without causing soil and water pollution. Awareness program shall be conducted and experts should interact with the local people who will guide them on the quantity and proper application of fertilizer and Pesticides.
26. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
27. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
28. Use of Solar Energy with LED light arrangement in the pump house, site, office building should be promoted in the project area where ever possible.
29. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.

30. All leakages will be cleaned out in the pump house to prevent wastage of water with the prescribe procedures in the regular intervals.
31. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).
32. The project authorities should comply with the provisions made in the Water (Prevention & control) of Pollution Act 1974, and amended, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016, etc.
33. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
34. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
35. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.
36. PP shall be explore for harnessing of wind power.

(D) ENTIRE LIFE OF THE PROJECT

37. A total budgetary provision of Rs. 426.50 Lakh has made for Environmental Management Plan, out of which 112.50 Lakhs for Biodiversity Conservation Plan and 22.50 lakhs is for Greenbelt Development.
38. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
39. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
40. All commitments pertaining to public hearing shall be mandatory on part of PP.
41. The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
42. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.

43. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
44. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
45. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

2. Case No. - 5770/2018 Venus Alloys Pvt. Ltd., 67 Industrial Area, Mandsaur (M.P.). 458001. Prior Environment Clearance for Mini Steel Plant for Expansion Capacity of M.S. Billets – 1,50,000 MTPA, Mill Skull - 3800 MTPA, Miss Roll 3800 MTPA, TEMT Bars – 1,42,000 MTPA at Patwari Halka No. - 12, Khasra No. 612/1/1, Village - Fatehgarh, Tehsil - Daluda, District - Mandsaur (M.P.). Category: 3(a) Metallurgical Industries (Ferrous & Non Ferrous). Env. Con. –Creative Enviro Services, Bhopal (M.P.).

This is a rolling mill project. All non –toxic secondary metallurgical processing industries manufacturing >5000 tones/annum metal components are covered under the EIA Notification 2006 as amended 2009 and are mentioned at SN 3(a), B. Hence these projects are required to obtain prior EC before establishment. The case was forwarded by SEIAA to SEAC for scoping so as to determine TORs' to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultant in 334th SEAC meeting dated 30/11/2018 and during presentation following details were provided.

S. No	Particulars	Details
1	Name of the project & its location:	M/s Venus Alloys Pvt. Ltd. Patwari Halka No. 12 Khasra No. 612/1/1, village Fatehgarh, Tehsil Daluda, Dist. Mandsaur (M.P.).
2.	Name of the Company, Address Tele No. & E-mail :	M/s Venus Alloys Pvt. Ltd. 67, Industrial Area, Mandsaur (M.P.)- Pin-458 001 Phone No. 07422- 255602, 255604 Email: venusalloys@gmail.com
3	Latitude and Longitude of the project	23°58'3.55"N to 23°57'58.20"N 75° 5'58.47"E to 75° 6'6.42"E

4	If a Joint venture, the names & addresses of the JV partners including their share	Its Private Limited Company Shri Sagarmal Jain – Director Address- M/s Venus Alloys Pvt. Ltd. 67, Industrial Area, Mandsaur (M.P.)- 458 001
5	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.	Its expansion of the existing industry, the Industry is in operation since May 2017, with valid Water & Air Consent from M. P. Pollution Control Board. The company is proposed to enhance the production capacity of MS Billets from 84000 MTPA to 150000 MTPA, Mill Skull from 2100 MTPA to 3800 MTPA, Miss Roll from 2100 MTPA to 3800 MTPA and TMT Bars from 77700 MTPA to 142000 MTPA
6	Cost of the project :	Rs. 47.0 Crore
7	Whether the project is in the Critically Polluted Area (CPA):	No
8	If the project is for EC under EIA Notification, 2006 a. For the first time appraisal by EAC (i) Date of ToR: (ii) Date of Public Hearing, location (iii) Major issues raised during PH and response of PP b. Second appraisal (i) Date of first /earlier appraisal (ii) Details of the information sought by the EAC with the response of the PP.	It's a project of expansion in production capacity: date of Public hearing – 28/02/2015 EC issued vide letter No. 4419/SEIAA/2015 dtd. 05/08/2015
9.	If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.	Not applicable
10	If the project falls within 10 km of eco- sensitive area (i) Name of eco-sensitive area and distance from the project site, (ii) status of clearance from National Board for wild life.	No eco- sensitive area within 10 km from project site.

11	Waste Management (i) Water requirement, source, status of clearance (ii) Waste water quantity, treatment capacity, detail (iii) Recycling/reuse of treated water and disposal (iv) Solid Waste Management (v) Hazardous Waste Management.	Water requirement would be 140kld, industrial purpose only for Cooling and domestic water requirement will be 15 kld. Source – Ground water. Trade effluent will be nil and waste water from domestic use shall be 8 kld, which will be treated in STP of 10 kld capacity. The STP will comprise of equalization tank, Primary Clarifier, Aeration, Secondary Clarifiers, and will work on activated sludge process. The entire treated water will be used for plantation and gardening purpose. Main solid waste will be generated in form of Iron Slag of 1000 MTPA, which will be used for road making and filling low line area after iron recovery. The Hazardous waste will be spent oil and lubrication oil of 2.0 kld will be given to the recyclers as per the provision of Hazardous Waste Management Rules.
12	Other details (i) Noise Modeling with noise control measures for airports (ii) Details of water bodies, impact on drainage if any (iii) Details of tree cutting (iv) Energy conservation measures with estimated saving (v) Green belt development (20 % of construction projects and 33 % for others) (vi) Parking requirement with provision made.	No water body exists in the project area, no tree cutting is required. Direct hot billets shall be used for making TMT Bars which avoids the addition of Re Heating furnace, which saves fuel like FO/Coal. Greenbelt will be developed in 16500 sqm of the project area. Adequate parking arrangement shall be provided as the 5000 sqm land is left open.
13	If the project involves foreshore facilities (i) Shoreline study (ii) Dredging details, disposal of dredge material (iii) Reclamation (iv) Cargo handling with dust control measures (v) Oil Spill Contingent Management Plan.	Not applicable
14	If the project involves Marine disposal (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters (iii) location of intake / outfall. Quantity,	Not Applicable

	(iv) detail of monitoring at outfall (v) Any other relevant information :	
15	Other information (i) Investment/Cost of the project is ----- ----- (ii) Employment potential ----- (iii) Benefits of the project -----	Investment/Cost of the project is Rs. 47.00 Crores Employment potential 100 Nos direct and 50 Nos indirect employment to 100 Nos of project and revenue / taxes to Govt. in form of excise duties
16	Date of Ground water clearance:	Not obtained, will apply for permission to for abstraction of ground water from regulatory authority.
17	Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost.	Shall be dlt in EIA/ EMP report.
18	Number of plantation with name of species proposed in area allotted for plantation with budgetary provision.	Greenbelt will be developed in 16500 sqm of the project area, 3000 Nos. of Plants and species shall be planted all around the factory area, the budget for plantation will be Rs. 15,00,000/-
19	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details	No.

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details. During presentation PP submitted that in this expansion they are only increasing shifts and now the plant will be operated all the three shifts and no new machinery/construction will be installed/taken up thus they shall be exempted from the carrying out EIA & public consultation as per the provisions laid down in clause 7 (i) of EIA Notification, 2006. PP further submitted that for earlier EC they have conducted the public hearing in the year 2015. Committee after deliberations recommends that being expansion project the EIA should be carried out however; public consultation can be exempted since no new machinery is being installed and no new construction activities are proposed for this expansion. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's as annexed as annexure "D":-

1. Ambient Air Quality Monitoring Stations should be located in all the villages which are within 01 Kms radius of the project site and incremental GLC should be predicted in all such villages.

2. In EIA study the mode of transportation, storage of fly ash, all raw materials and products should be discussed along with their impacts.
3. Protection Plan for surface run off should be discussed in EIA report.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Compliance of earlier EC conditions from the competent authority.
6. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
7. Input data of modeling should be addressed in EIA along with this all back up calculation.
8. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.

PP has submitted EIA/EMP vide letter no. 1023 dated 05/02/2019 which was forwarded through SEIAA vide letter no. 2316 dated 20/02/2019.

The case was presented by PP and their consultant wherein PP started presentation with background/chronology of the project as –

- The industry has obtained prior EC vide letter dtd. 05/08/2015 case No. 1807.
- The unit is started production from 03/05/2017 with Consents from M.P. Pollution Control Board under section Water & Air Act, valid up to 31/10/2019.
- Products –Billets/ Ingots, Mill Skull, Miss roll TMT Bars.
- Location-Village Fatehgarh, Tahsil Dalauda, District Mandsaur, Madhya Pradesh.
- Due to Market demand and available infrastructure the Company is planning to enhance the production capacity by increasing the working hours with higher power
- No sensitive feature is exist within 2 km of the factory location.
- The Certified compliance of the existing EC conditions is obtained from Regional Office MoEF&CC Bhopal.
- TOR has been approved in 334th SEAC meeting and issued vide letter dtd. 22/12/2018 & final EIA submitted to SEIAA on 20/02/19.
- **Certified EC compliance details**
 - Total Conditions – 48 Nos
 - Being Complied – 15 Nos
 - Complied – 3 Nos.
 - Agree to comply – 24 Nos.
 - Partially complied – 2 Nos.

- Not complied – 5 Nos.

PP further stated that there are no changes in location, products, capacity of furnaces and also no additional plant & machinery & building, power load for increase in production is proposed. For protecting against air pollutants towards Fatehgarh village which is situated in the north direction of the unit 15 feet vertical wall is erected. Committee recommended that for arresting air pollutants triple rows of plantation in “U” shape shall also be carried out towards highway and village area. PP has also submitted MoEF&CC compliance report of earlier EC conditions. After presentation the PP was asked to submit following information from the PP:

1. Details of existing plantation (species, their location and numbers).
2. Revised plantation species as suggested by the committee with budget.
3. Copy of the on- site Emergency Plan submitted to DIHS.
4. Occupational health & safety plan with copies of fitness certificate issued by doctor.
5. Budgetary provisions for PPE's.
6. CSR as suggested by the committee

The vide letter dated 26/02/2019 submitted the reply of the above query. The query reply was presented before the committee which were found satisfactory and acceptable and other details of the projects which were found satisfactory and acceptable hence the case was recommended for grant of prior EC for Expansion in mini steel plant with expanded capacity of M.S. Billets – 1,50,000 MTPA, Mill Skull - 3800 MTPA, Miss Roll 3800 MTPA, TMT Bars – 1,42,000 MTPA at Patwari Halka No. - 12, Khasra No. 612/1/1, Village - Fatehgarh, Tehsil - Daluda, District - Mandsaur (M.P.). Category: 3(a) Metallurgical Industries (Ferrrous & Non Ferrrous) with subject to the following special conditions:

A. Statutory compliance:

- 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. The project proponent shall 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.

- III. The project proponent shall obtain consent/authorization from MP Pollution Control Board.

B. Air quality monitoring and preservation

- I. 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 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB 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.
- II. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories
- III. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x 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.
- IV. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality I fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.
- V. Appropriate Air Pollution Control (APC) system such as Bag filters (reverse pulse jet cleaning) shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.

- VI. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- VII. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly. All the internal roads shall be made pucca.
- VIII. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- IX. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- X. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- XI. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- XII. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, oil, cellars.

C. Water quality monitoring and preservation

- I. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- II. The project proponent shall submit monthly summary report of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- III. Adhere to 'Zero Liquid Discharge.
- IV. Sewage Treatment Plant (**10KLD**) shall be provided for treatment of domestic wastewater to meet the prescribed standards.

- V. The treated water (8 kld) from STP shall be used for gardening and spraying of roads.
- VI. The project proponent shall practice rainwater harvesting to maximum possible extent, hence, 12000 cu.m of rain water therefore can be conserved within the plant.
- VII. Permission of CGWB shall be obtained for drawl of ground water.

D. Noise monitoring and prevention

- I. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- II. 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

- I. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- II. Practice hot charging of slabs and billets/blooms as far as possible.
- III. Ensure installation of regenerative type burners on all reheating furnaces.
- IV. Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- V. For this project Electrical Power 9900 KVA shall be meet by Madhya Pradesh Vidyut Vitran Company Limited.
- VI. Provide the project proponent for LED lights in their offices and residential areas.
- VII. One D.G. set of 500 KVA, for power back up for Office use, and company will install solar panel for lightening the street light in premises.

F. Waste management

- I. Proposed quantity of 6.0 TPA of Plant dust, papers produced during process which shall be managed through segregation at source using dust beans and collection at “value yard” selling to local vendor.
- II. Proposed quantity of 1000 TPA iron Slag produced during process which shall be managed through installed iron recovery unit from slag and the recovered iron is being used with scrap to charge in induction furnace. The remaining part is being used for civil work & bricks manufacturing after TCLD test and approval from the MP Pollution Control Board.
- III. The waste/spent oil, 2.0 KL/Year and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- IV. Proposed quantity of 5.0 MT Bag filter dust shall be given to dispose as per HW Rules 2016.
- V. Used refractories shall be recycled as far as possible.
- VI. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces.
- VII. Possibility may be explored for using proposed quantity of 1000 TPA of iron slag in making MSAND or building material preparation.

G. Green Belt

- I. Green belt shall be developed in **15,930 sqm** area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant with minimum three row plantation towards the road and village side.
- II. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

H. Public hearing and Human health issues

- I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- II. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- III. Provision shall be made for the housing of construction labor 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.
- IV. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

I. Corporate Environment Responsibility

- I. In the proposed EMP, Rs. 214.00 Lakh as capital cost for the project and Rs. 73.10 Lakh /year has proposed as recurring expenses.
- II. Under CSR Rs. 3.70 Lakh/ year proposed for Infrastructure development through Fatehgarh Panchayat, Health Check up Camps in Fatehgarh including eye camps etc.
- III. 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.
- IV. 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.

- V. 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 to the head of the organization.
- VI. 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.
- VII. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- VIII. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

J. Miscellaneous

- I. For Fire Protection System, fire water pumps of 5 H.P. Capacity shall be provided by PP.
- II. AC motor driven fire water pumps for hydrant, medium velocity water spray system and foam system and Jackey pump 1 no. (AC motor driven) for maintaining pressure shall be provided.
- III. The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

- IV. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
 - V. 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.
 - VI. 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).
 - VII. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - VIII. 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.
3. **Case No. - 5523/2017 Govt. Bundelkhand Medical College, Shivaji Ward, Tili Road, Sagar, (M.P.) Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 100 kg per hour rotary kiln based bio medical incineration project at village Habsili, Distt. - Sagar, (M.P.) Cat. 7(da) Project. Env. Con. –Visiontek Consultancy Services, Pvt. Ltd.**

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 14th September, 2006 and its subsequent amendments dated 17th 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 288th SEAC meeting dated-30/03/2017 wherein it was observed 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 of SEAC.

The case was again scheduled in the 289th SEAC meeting dated 28/04/2017 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 the 288th SEAC meeting dated 30/03/2017. Committee after deliberations decided to call the PP in subsequent meetings and if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

Salient Features

Site Address	Khasara No. -166 Village- Habsili, Tehsil – Sagar, Distt.- Sagar(MP)
Proposed project	Bio Medical Waste Treatment Facility with the following : 1. Rotary Kiln – 01- 100 kg per hr 2. Autoclave - 02 - 0.25 m ³ 3. Shredder - 01 - 50 kg per hour 4. Effluent Treatment Plant - 01 - 6 KLD
Existing project	CBWTF facility with autoclave, shredder , etc
Cost of Project	Rs 2.05 Crore
Net fresh Water Requirement	5 KLD
Power Requirement	80 HP which will be sourced through Madhya Pradesh Vidyut Vitaran Company Ltd .
Capital Cost for Environmental measures (proposed)	25 Lacs
Recurring cost for environmental management etc (Proposed)	Estimate will be given in EIA report, which will include O&M cost of CSEME, EQMS, post environmental monitoring cost, plantation cost etc.
Existing area of plantation	Nil
Alternative Source of Power	DG set of 25 KVA
Land acquired	6070 sq mt (1.5 Acres)
Proposed area for plantation	Total 33% area i.e. 2000 sq mt shall be dedicated for the green belt. Green belt will be developed according to CPCB/PCB guidelines

Environment Siting of the project

Particulars	Details
Co-ordinate	23°50'39.63" N - 78°40' 22.61" E 23°50'38.07" N - 78°40' 23.59" E 23°50'41.25" N - 78°40' 25.88" E 23°50'39.84" N - 78°40' 26.78" E
Height above mean sea level	516 mRL
Nearest Town	Sagar - 6.30 km
Nearest Railway Station/Town	Ratona - 1.0 km
Nearest Airport	Bhopal - 146 km
Nearest Highway/Road	Khurai-Sagar SH-14 -1.15 km - N
Ecological Sensitive Zone	None in 10 km radius
Reserve Forest	Barkhera R.F. - 3.50 km -N Pagara R.F. - 3.80 km - NE Lalakpatan R.F. - 5.60 km -NW
Nearest Village	Habsili - 0.65 km - NW
Nearest River/ Nalla	Karawan Nadi-1.50 km - W Molali Nala-2.75 km -N Local Village pond- 1.75 km -NE
Surrounding Features	East- Open Mixed Jungle West- Open Mixed Jungle North-Open Land South- Open Mixed Jungle

Land Use Breakup of the Plant

Land use Break-Up for proposed unit	
Particulars	Total Area (Sq. mt.)
Plant and Machineries	348
Office and administration	100
Waste storage area	67
Fuel storage area	66
Road	100
Green belt area	2000

	2681 Sq.mt.
Open Land	3389
Total Land	6070 Sq.mt.

The case was presented by the PP and their consultant in 290th SEAC meeting dated 22/05/2017, wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

- DFO certificate regarding distances from National Parks/ Sanctuaries and Forest area in the format prescribed by MP, SEIAA should be submitted with the EIA report.
- Justify in EIA report, how unit will remain zero discharge.
- Disposal plan of autoclaved material should be discussed in the EIA report.
- PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
- Facility should be complying all the norms prescribed in the Bio-Medical Waste Management Rules, 2016 and Revised Guidelines for Common Bio-medical Waste Treatment and Disposal Facilities published by CPCB for management and disposal of Bio medical waste.
- Wastes such as animal Carcass should not be handled and disposed at this site.
- Storm Water Management Plan should be discussed in the EIA report.

PP has submitted EIA/EMP vide letter no. 10205 dated 13/02/2019 which was forwarded through SEIAA vide letter no. 2339 dated 21/02/2019

In this meeting the case was scheduled for presentation wherein neither the Project Proponent 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.

- Case No. - 5891/2019 M/s Galaxy Infrastructure, Ward No. 35, Sagar Road, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Construction of Residential Project "Galaxy Heights" (Total Plot Area = 27,520.0 sqm., Total Built-up Area = 47,218.08 sqm) at Khasra no. 608/1/1/10/2/2, 609/1/2, 610, Village - Pratipal Parisar, Tehsil - Chhatarpur & Dist. Chhatarpur, MP. Cat. - 8(a) Building and Construction Projects. For - Building Constuction Project.**

This is case of Prior Environment Clearance for Construction of Residential Project "Galaxy Heights" (Total Plot Area = 27,520.0 sqm., Total Built-up Area = 47,218.08 sqm) Khasra No.

- 608/1/1/10/2/2, 609/1/2, 610, at Village - Pratipal Parisar, Tehsil - Chhatarpur & Dist. Chhatarpur, (M.P.). Cat. - 8(a) Building and Construction Projects.

In this meeting the case was scheduled for presentation 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.

5. Case No. - 5881/2019 Sarpanch/Sachiv, Gram Panchayat, Village - Bhudkud, Tehsil - Mada, Dist. Singrauli, MP – 486886 Prior Environment Clearance for Sand Mine in an area of 4.00 Ha. (1,14,000 cum per annum) at (Khasra No. 1536(P)), Village- Bhudkud, Tehsil - Mada, Dist. Singrauli (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1536(P)), Village- Bhudkud, Tehsil - Mada, Dist. Singrauli (MP) 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, 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 vide letter No. 781 dated 06/02/19 has reported that there are no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation committee observed that as per the Google image (April 2017), a water stream is flowing between the lease and a HT line is also crossing the lease from the east to west hence 50 meter area shall be left as non – mining area from the both sides of the lease considering the safety purpose and area submerged in water as mid stream mining is not allowed. After presentation and deliberation, PP was asked to submit response on following:

1. Revised production plan leaving 50 meter from the lease area in the east to west where HT line is also crossing and area submerged in water.
2. Revised plantation scheme as suggested by committee.
3. Revised EMP & CSR activity with appropriate budget as suggested during meeting.
4. Revised transportation details.

PP has submitted the response of above quarries vide letter dated 26.02.2019, which was placed before the committee. Committee observed that as per the revised operational

production plan submitted by PP, the area available for mining is 3.05 ha out of allotted 4.00 ha area. Considering the sanctioned depth of 3.00 meters as per the mine plan the volume of sand that can be evacuated will be 91,500 cum/year. The response of other queries & EMP and other submissions made earlier by the PP earlier were also found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per revised operational production plan with quantity not exceeding 91,500 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- No in-stream mining shall be allowed.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- Provision of solar pump for over head water lifting.
- Disposed solid waste from labor shelter and canteen as per MSW norms.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- The lease area should be clearly distinguished and earmarked at the site.
- A budgetary provision for Environmental management Plan of Rs. 9.71 Lakh as capital and Rs. 3.84 Lakh/year as recurring cost. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 3.00 lakh/year is proposed for various activities. 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.

- Total 3850 nos. (@770/ year) in the five years of trees shall be planted at approach road to the mining area, mines lease boundary and at village area.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2017 issued by the MoEF&CC.

6. Case No. - 5864/2019 Shri Lal Singh S/o Shri Amar Singh, Near Gopal Mandir, Shivaji Ward, Tehsil - Barod, Dist. Agar Malwa, MP – 465441 Prior Environment Clearance for Stone Quarry in an area of 2.00 Ha. (9,000 cum per annum) (Khasra No. 247/2), Village- Kachnariya, Tehsil - Agar, Dist. Agar Malwa (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 247/2), Village- Kachnariya, Tehsil - Agar, Dist. Agar Malwa (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, 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 vide letter No. 672 dated 05/02/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.00 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee as per Google image (April 2018) based on the co-ordinates provided by PP, a pakka road is in existence at a distance of 50 meters in the north side and State Highway at 200 meters in the east side. A Shed / Warehouse is also in existence at a distance of 335 meters in the SE direction from the lease for which PP submitted that these are at safe distance from the lease. After deliberation committee asked PP to submit following informations:

1. Key plan on SOI toposheet.
2. RL –wise depth of soil, stone up to the ground water table.
3. Volume of OB proposed to be re-handled in the quarry pit.
4. Details of machinery and manpower deployment.
5. Commitment of PP that the phasing of mine shall be north to south and mine shall be advanced from east to west for safety from fly rocks and vibrations for nearby shades and road.
6. Revised plantation scheme for 2000 plants with species as suggested by the committee.

7. Emergency response plan.
8. Revised EMP incorporating the cost of solid waste management, PPE's, Fire and first aid.
9. Revised CSR as suggested by the committee.

Vide letter dated 26.02.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 9,000 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation shall be carryout in the periphery of the lease.
4. Six monthly occupational health survey shall be carryout
5. PP should explore possibility of using solar lights in office /rest areas.
6. Overhead sprinklers arrangements with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Mine water should not come out from the lease.
10. No explosive will be stored at mine site.
11. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
12. No dump shall be stacked outside the lease area.
13. Top soil shall be simultaneously used for the plantation.
14. 2000 trees shall be planted by the PP in six years, at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental management Plan of Rs. 11.125 Lakh as capital and Rs. 5.05 Lakh/year, out of which Rs. 6.0 Lakh for plantation.
16. Under CSR Rs. 0.50 Lakh as capital and Rs 0.2Lakh/years recurring has proposed for cattle shed for animals. 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.

7. Case No. - 5865/2019 Shri Omprakash Banjara S/o Shri Kishanlal Banjara, Village - Ramnagar Jaloda, Tehsil - Mo. Badodiya, Dist. Shajapur, MP – 465001. Prior Environment Clearance for Stone Quarry in an area of 2.00 Ha. (4,116 cum per annum) (Khasra No. 2/13), Village- Jaloda, Tehsil - Mo. Badodiya, Dist. Shajapur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2/13), Village- Jaloda, Tehsil - Mo. Badodiya, Dist. Shajapur (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, 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 vide letter No. 210 dated 13/06/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee as per Google image (Oct. 2018) based on the co-ordinates provided by PP a pakki road is in existence at a distance of 300 mts in the north- east and water body situated in the S-W direction > 500 mtrs away from the lease. After deliberation committee asked PP to submit following informations:

1. Key plan on SOI toposheet.
2. RL –wise depth of soil, stone up to the ground water table.
3. Volume of OB proposed to be re-handled in the quarry pit.
4. Details of machinery and manpower deployment.
5. Commitment of PP that the phasing of mine shall be east to west and mine shall be advanced from north to south for safety from fly rocks and vibrations for nearby village and road.
6. Revised plantation scheme for 2000 plants with species as suggested by the committee.
7. Emergency response plan.
8. Revised EMP incorporating the cost of solid waste management, PPE's, Fire and first aid.
9. Revised CSR as suggested by the committee.

Vide letter dated 26.02.2019, the PP has submitted the desired information, which was placed before the committee. After deliberations, 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 4,116 cum/annum.
 2. The lease area should be clearly distinguished and permanent earmarked at the site.
 3. Thick plantation shall be carryout in the periphery of the lease.
 4. Six monthly occupational health survey shall be carryout
 5. PP should explore possibility of using solar lights in office /rest areas.
 6. Overhead sprinklers arrangements with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
 7. No overcharging during blasting to avoid vibration.
 8. Muffle blasting shall be adopted.
 9. Mine water should not come out from the lease.
 10. No explosive will be stored at mine site.
 11. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
 12. No dump shall be stacked outside the lease area.
 13. Top soil shall be simultaneously used for the plantation.
 14. 2000 trees shall be planted by the PP in six years, at mine's safety barrier, approach road and at village road.
 15. A budgetary provision for Environmental management Plan of Rs. 11.125 Lakh as capital and Rs. 5.05 Lakh/year , out of which Rs. 6.0 Lakh for plantation.
 16. Under CSR Rs. 0.50 Lakh as capital and Rs 0.2Lakh/years recurring has proposed for cattle shed for animals. 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.
8. **Case No. - 5882/2019 M/s Maruti Stone Crusher, Shri Dinesh S/o Shri Kanhaiyalal Choudhary, Partner, Pratap Pura, Tehsil - Burhanpur, Dist. Burhanpur, MP – 450331 Sehore, MP – 466001 Prior Environment Clearance for Stone Crusher in an area of 1.40 Ha. (4,528 cum per annum) (Khasra No. 98), Village- Mordar Khurd, Tehsil - Burhanpur, Dist. Burhanpur (MP).**

This is case of Stone Crusher. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 98), Village- Mordar Khurd, Tehsil - Burhanpur,

Dist. Burhanpur (MP) 1.40 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, 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, vide letter No. 40 dated 29/01/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.80 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee as per Google image (Nov. 2018) based on the co-ordinates provided by PP a pakki road is in existence at a distance of 171 mts in the north- east and 574 meter in the west and a village is situated in the north side of the lease, which are sufficiently away from the lease. After deliberation committee asked PP to submit following informations:

1. Key plan on SOI toposheet.
2. RL –wise depth of soil, stone up to the ground water table.
3. Volume of OB proposed to be re-handled in the quarry pit.
4. Details of machinery and manpower deployment.
5. Revised plantation scheme for 1600 plants with species as suggested by the committee.
6. Emergency response plan.
7. Revised EMP incorporating the cost of solid waste management, PPE's, Fire and first aid.
8. Revised CSR as suggested by the committee.

Vide letter dated 26.02.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 4,528 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation shall be carryout in the periphery of the lease.
4. Six monthly occupational health survey shall be carryout

5. PP should explore possibility of using solar lights in office /rest areas.
 6. Overhead sprinklers arrangements with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
 7. No overcharging during blasting to avoid vibration.
 8. Muffle blasting shall be adopted.
 9. Mine water should not come out from the lease.
 10. No explosive will be stored at mine site.
 11. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
 12. No dump shall be stacked outside the lease area.
 13. Top soil shall be simultaneously used for the plantation.
 14. 1600 trees shall be planted by the PP in six years, at mine's safety barrier, approach road and at village road.
 15. A budgetary provision for Environmental management Plan of Rs. 9.225 Lakh as capital and Rs. 5.05 Lakh/year, out of which Rs. 6.0 Lakh for plantation.
 16. Under CSR Rs. 0.50 Lakh as capital and Rs 0.2Lakh/years recurring has proposed for cattle shed for animals. 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.
9. **Case No. - 5888/2019 Shri Maan Singh Jadon S/o Shri Mathuralal Jadon, Village - Okhlikheda, Tehsil - Lateri, Dist. Vidisha, MP – 464114 Prior Environment Clearance for Stone Quarry in an area of 1.60 Ha. (6,835 cum per annum) (Khasra No. 524/2), Village- Pkhlikheda, Tehsil - Lateri, Dist. Vidisha (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 524/2), Village- Pkhlikheda, Tehsil - Lateri, Dist. Vidisha (MP) 1.60 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, 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, vide letter No. 198 dated 04/02/19 has reported that there are no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee as per Google image (Jan. 2019) based on the co-ordinates provided by PP a pakki road are in existence at a distance of 80 mts. in the western side and 130 meter in the

north- east end of the lease which are sufficiently away from the lease. It was also observed that it was already excavated mine. The PP submitted that it is a case of renewal of lease and they have obtained EC earlier from DEIAA. But not carrying EC at the time of presentation. PP was also asked to submit the copy of issued EC from DEIAA. After deliberation committee asked PP to submit following informations:

1. Key plan on SOI toposheet.
2. RL –wise depth of soil, stone up to the ground water table.
3. Volume of OB proposed to be re-handled in the quarry pit.
4. Details of machinery and manpower deployment.
5. Commitment of PP that the phasing of mine shall be north to south and mine shall be advanced from east to west for safety from fly rocks and vibrations for nearby road.
6. Revised plantation scheme for 1600 plants with species as suggested by the committee.
7. Emergency response plan.
8. Revised EMP incorporating the cost of solid waste management, PPE's, Fire and first aid.
9. Revised CSR as suggested by the committee.

Vide letter dated 26.02.2019, PP has submitted, the desired information, which was placed before the committee. After deliberations, 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 6,835 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation shall be carryout in the periphery of the lease.
4. Six monthly occupational health survey shall be carryout
5. PP should explore possibility of using solar lights in office /rest areas.
6. Overhead sprinklers arrangements with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Mine water should not come out from the lease .

10. No explosive will be stored at mine site.
11. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
12. No dump shall be stacked outside the lease area.
13. Top soil shall be simultaneously used for the plantation.
14. 1600 trees shall be planted by the PP in six years, at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental management Plan of Rs. 7.225 Lakh as capital and Rs. 5.05 Lakh/year, out of which Rs. 4.80 Lakh for plantation.
16. Under CSR Rs. 0.50 Lakh as capital and Rs 0.2Lakh/years recurring has proposed for cattle shed for animals. 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.

10. Case No. - 5892/2019 Shri Sunil Patidar S/o Shri Rameshchand Patidar, Village - Shivpur Mundla, Tehsil - Hatpipliya, Dist. Dewas, MP – 455001 Prior Environment Clearance for Stone Quarry in an area of 2.00 Ha. (11,319 cum per annum) (Khasra No. 102, 103), Village- Shivpur Mundla, Tehsil - Hatpipliya, Dist. Dewas (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 102, 103), Village- Shivpur Mundla, Tehsil - Hatpipliya, Dist. Dewas (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, 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. 1706 dated 31/12/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee as per Google image (Sep. 2018) based on the co-ordinates provided by PP a pakki road is in existence at a distance of 325 mts in the western side of the lease which is sufficiently away from the lease. After presentation committee asked PP to submit following informations:

1. Key plan on SOI toposheet.
2. RL –wise depth of soil, stone up to the ground water table.
3. Volume of OB proposed to be re-handled in the quarry pit.

4. Details of machinery and manpower deployment.
5. Commitment of PP that the phasing of mine shall be north to south and mine shall be advanced from east to west for safety from fly rocks and vibrations for nearby road.
6. Revised plantation scheme for 2000 plants with species as suggested by the committee.
7. Emergency response plan.
8. Revised EMP incorporating the cost of solid waste management, PPE's, Fire and first aid.
9. Revised CSR as suggested by the committee.

Vide letter dated 26.02.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, 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 11,319 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation shall be carryout in the periphery of the lease.
4. Six monthly occupational health survey shall be carryout
5. PP should explore possibility of using solar lights in office /rest areas.
6. Overhead sprinklers arrangements with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Mine water should not come out from the lease .
10. No explosive will be stored at mine site.
11. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
12. No dump shall be stacked outside the lease area.
13. Top soil shall be simultaneously used for the plantation.
14. 2000 trees shall be planted by the PP in six years, at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental management Plan of Rs. 10.922 Lakh as capital and Rs. 5.05 Lakh/year, out of which Rs. 6.0 Lakh for plantation.
16. Under CSR Rs. 0.50 Lakh as capital and Rs 0.2 Lakh/year as recurring has proposed for cattle shed for animals. 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.

11. Case No. - 5912/2019 Shri Rajendra Singh Dangi S/o Shri Sher Singh Dangi, Village - Dabri, Tehsil - Kurwai, Dist. Vidisha, MP – 464224 Prior Environment Clearance for Flag Sand Quarry in an area of 2.912 Ha. (67,440 cum per annum) (Khasra No. 201, 205, 192, 195), Village- Sansarkheda, Tehsil - Gadarwara, Dist. Narsinghpur (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 201, 205, 192, 195), Village- Sansarkheda, Tehsil - Gadarwara, Dist. Narsinghpur (MP) 2.912 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, 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 vide letter No. 276 dated: 28/01/19 has reported that there are no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. The PP stated that this is Khodu-Bharu type sand mine and such sand deposits are accumulated in the field due to erosion and recurrence of flood in the River in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) with two years validity & the method of mining will be open cast semi mechanized and these mine leases are allotted in two patches. The maximum sanctioned depth is 03 meters. As per the Google image (Nov. 2018) it was observed that village road is passing 321 meter in the north side of the lease. After presentation the committee asked to submit following details:

- Machinery deployed for mining up to 03 meters depth considering the safety of workers.
- Revised Water Demand for plantation (02 KLD) as suggested by committee.
- Proposal for Occupational Health check- up, PPE's, first- aid, shelters & toilet for workers with appropriate budget in the EMP.

PP has submitted the response of above quarries same date vide letter dated 26/02/2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee after deliberation found that the EMS and other submissions made by the

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

- Production of Sand as per mine plan with quantity not exceeding 67,440 cum/year.
- Evacuation of sand should not be allowed through the roads passing through the villages and approach road from site to the main road will be maintained by the PP.
- Total 560 tress @ 280 per year in two year shall be planted in the barrier zone, approach road and at nearby village.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- The lease area should be clearly distinguished and earmarked at the site.
- Water sprinkling will be through over head sprinklers.
- A budgetary provision for Environmental Management Plan of Rs. 8.52 Lakh / year is made.
- In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
- Under CSR Rs. 2.00 lakh /year is proposed for Contribution for Infrastructure development like maintenance of classrooms & fencing of play ground of school nearby village. 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.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
- Being a Temporary Permit (TP) validity of EC should be only up to the validity of TP.
- It being a case of TP, PP has to ensure the execution of closure plan.

12. Case No. - 5904/2019 Smt. Kavita Pawar W/o Shri Hemant Pawar, Madhuvan, Dist. Chhindwara, MP – 480338. Prior Environment Clearance for Stone Quarry in an area of 3.581 Ha. (50,473 cum per annum) (Khasra No. 192, 211), Village- Purtala, Tehsil - Amarwara, Dist. Chhindwara (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 192, 211), Village- Purtala, Tehsil - Amarwara, Dist. Chhindwara (MP) 3.581 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, 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 vide letter No. 73 dated: 21/01/19 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. During presentation it was observed by the committee as per Google image (Jan. 2019) that some trees are in existence in lessee and a seasonal nallah in the South Eastern of the lease. For trees, PP submitted that most of them are in 7.5 meters barrier zone and the trees which are in the mining area shall be uprooted after permission from the competent authority.

After deliberation committee asked PP to submit following informations:

1. Commitment of PP that before any tree falling, permission of competent authority shall be obtained.
2. Revised bench configuration (3mx5m) as suggested by the committee.
3. Proposal for Occupational Health check- up, PPE's, first- aid, shelters & toilet for workers with appropriate budget in the EMP.

Vide letter dated 26.02.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 50,473 cum/annum.

2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation shall be carryout in the periphery of the lease.
4. Six monthly occupational health survey shall be carryout
5. PP should explore possibility of using solar lights in office /rest areas.
6. Overhead sprinklers arrangements with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Mine water should not come out from the lease .
10. No explosive will be stored at mine site.
11. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
12. No dump shall be stacked outside the lease area.
13. Top soil shall be simultaneously used for the plantation.
14. 500 trees shall be planted by the PP in six years, at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental Management Plan of Rs. 9.55 Lakh / year is made.
16. Under CSR Rs. 3.00 lakh /year is proposed for Contribution for Infrastructure development like maintenance of classrooms & fencing of play ground of school nearby village. 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.

13. Case No. - 5905/2019 Smt. Sarika Suryawanshi w/o Shri Gulendra Suryawanshi, Kabir Ward No. 5, Dongarparasia, Dist. Chhindwara, MP – 480559 Prior Environment Clearance for Stone Quarry in an area of 1.00 Ha. (5,700 cum per annum) (Khasra No. 414/2), Village- Itawa, Tehsil - Tamia, Dist. Chhindwara (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 414/2), Village- Itawa, Tehsil - Tamia, Dist. Chhindwara (MP) 1.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, 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 vide letter No.152 dated 30/01/19 has reported that there

are 01 more mine operating or proposed within 500 meters around the said mine with total area of 2.00 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was observed by the committee as per Google image (Nov. 2016) that a shed is seen just South Eastern corner of the lease.

After deliberation committee asked PP to submit following informations:

1. Commitment of PP that before any tree falling, permission of competent authority shall be obtained.
2. Revised bench configuration (3mx5m) as suggested by the committee.
3. Proposal for Occupational Health check- up, PPE's, first- aid, shelters & toilet for workers with appropriate budget in the EMP.

Vide letter dated 26.02.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,700 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation shall be carryout in the periphery of the lease.
4. Six monthly occupational health survey shall be carryout
5. PP should explore possibility of using solar lights in office /rest areas.
6. Overhead sprinklers arrangements with solar power driven pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
7. No overcharging during blasting to avoid vibration.
8. Muffle blasting shall be adopted.
9. Mine water should not come out from the lease .
10. No explosive will be stored at mine site.
11. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
12. No dump shall be stacked outside the lease area.
13. Top soil shall be simultaneously used for the plantation.

14. 300 trees shall be planted by the PP in six years, at mine's safety barrier, approach road and at village road.
15. A budgetary provision for Environmental Management Plan of Rs. 6.80 Lakh / year is made.
16. Under CSR Rs. 2.00 lakh /year is proposed for Contribution for Infrastructure development like maintenance of classrooms & fencing of play ground of school nearby village. 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.

14. Case No. - 5885/2019 M/s MRA Global Pvt. Ltd, Shri Pradeep Kumar Dubey, HPA, House No. 57, Paradise City, Panna Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Sand Mine in an area of 3.02 Ha. (59,623 cum per annum) (Khasra No. 459/2, 460/1/3/1, 460/1/5/5), Village- Kurminpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 459/2, 460/1/3/1, 460/1/5/5), Village- Kurminpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.02 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, 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, Distt. Chhatarpur vide letter No. 6556 dated 31/12/18 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. The PP stated that this it is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the field due to erosion and recurrence of flood in Ken River in the long course of time and this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open-cast semi mechanized. During presentation committee observed that in the Google image (Dec. 2017) a village road is 30 meters passing in the north – east direction of the lease and nearby village is 300 meters in the north.

After presentation the committee asked to submit following details:

- Revised Plantation Plan for 1460 saplings.
- Revised EMP and CSR as suggested by the committee

- Plan for MSW disposal.

PP has submitted the response of above quarries same date vide letter dated 26.02.2019, which was placed before the committee and the same was found satisfactory. The EMP and other submissions made by the PP were also 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 'C':

- Production of Sand as per mine plan with quantity not exceeding 56,623 cum/year.
- Evacuation of sand should not be allowed through the roads passing through the villages and approach road from site to the main road will be maintained by the PP.
- 1460 trees shall be planted in the barrier zone, approach road and at nearby villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- The lease area should be clearly distinguished and earmarked at the site.
- A budgetary provision for Environmental Management Plan of Rs. 7.48 Lakh as capital and Rs. 8.28 lakh/year as recurring cost.
- In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
- Under CSR Rs. 2.0 Lakh/year is proposed for various activities. 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.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
- Being a Temporary Permit (TP) validity of EC should be only up to the validity of TP.
- It being a case of TP, PP has to ensure the execution of closure plan.

15. Case No. - 5895/2019 M/s MRA Global Pvt. Ltd, House No. 57, Paradise City, Panna Road, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Sand Mine in an area of 2.226 Ha. (36,119 cum per annum) (Khasra No. 474/2/5/1, 474/3/2), Village- Singarpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 474/2/5/1, 474/3/2), Village- Singarpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.226 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, 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 Distt. Chhatarpur vide letter No. 6553 dated: 31/12/18 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.226 ha including this mine.

The case was presented by the PP and their consultant. The PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the field due to erosion and recurrence of flood in Ken River and Chhoti Kushiya Nadi in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized. There After presentation the committee asked to submit following details:

- Revised CSR as suggested by the committee.
- Plan for MSW disposal.

PP has submitted the response of above quarries same date vide letter dated 26.02.2019, 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 'C':

- Production of Sand as per mine plan with quantity not exceeding 36,119 cum per annum cum/year.
- Evacuation of sand should not be allowed through the roads passing through the villages and approach road from site to the main road will be maintained by the PP.
- 1460 trees shall be planted in the barrier zone, approach road and at nearby villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- The lease area should be clearly distinguished and earmarked at the site.
- A budgetary provision for Environmental Management Plan of Rs. 6.92 Lakh as capital and Rs. 8.26 lakh/year as recurring cost.

- In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
- Under CSR Rs. 2.0 Lakh/year is proposed for various activities. 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.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
- Being a Temporary Permit (TP) validity of EC should be only up to the validity of TP.
- It being a case of TP, PP has to ensure the execution of closure plan.

(Dr. Mohd. Akram Khan)
Member

(Dr. Sonal Mehta)
Member

(Shri Prashant Srivastava)
Member

(Dr. A.K. Sharma)
Member

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
8. Transportation shall not be carried out through forest area.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
15. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- ‘C’

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the ‘Gram Panchayat’.
11. NOC of gram panchayat should be obtained for the water requirement.
12. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
13. The mining shall be carried out strictly as per the approved mining 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. 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.
3. An inventory of flora & fauna based on actual ground survey shall be presented.
4. Risk factors with their management plan should be discussed in the EIA report.
5. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
6. The EIA document shall be printed on both sides, as far as possible.
7. All documents should be properly indexed, page numbered.
8. Period/date of data collection should be clearly indicated.
9. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.

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

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.

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