

The 318th meeting of the State Expert Appraisal Committee (SEAC) was held on 21 June, 2018 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. Rubina Chaudhary, Member.
3. Shri Prasant Srivastava, Member.

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

1. Case No. - 5567/2017 Executive Engineer, Office of the Executive Engineer, Narmada Development Division No. 23, 59, Arera Hills, Narmada Bhawan, Bhopal, (M.P.) Prior Environment Clearance for Chhipaner Micro Lift Irrigation Project in Village Choursakhedi, Chhipaner, Kheri, Bijalgaon, Dait, Kundgaon, Tehsil Nasrullaganj, Distt. - Sehore, (M.P.) Cultivable Command Area- 35,000 ha, GROS Command Area- 42,000 ha. Reference No. for online tracking of project details- SIA/MP/RVP/19372/2017.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 and denies the general conditions 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.

Introduction:

Narmada River is one of the Largest One River of India. Narmada River is Life Line of Madhya Pradesh. The river originates from Amarkantak in Shahdol District of Madhya Pradesh. It flows in Shahdol, Mandla, Jabalpur, Narsinghpur, Hoshangabad, Khandwa, Khargone, Dhar & Jhabua Districts, covering 1112 km. of distance out of total 1312 km. river length. Indira Sagar Project (ISP) is constructed in Khandwa District near Village-Punasa on the Narmada River & is on the down steam of Chhipaner Micro Lift Irrigation project.

Water Availability:

The discharge data of Narmada River from year 2009-10 to 2014-15 during the month October to March taken from CWC gauge and discharge site (Nemawar) are as below.

UNIT IN CUMECS

Year	Oct	Nov	Dec	Jan	Feb	Mar
1	2	3	4	5	6	7
2009-10	173.304	147.917	138.702	160.306	141.694	124.239
2010-11	209.016	149.726	120.255	129.762	194.803	149.726
2011-12	307.9	278.9	182.4	146.4	172.9	176.7
2012-13	240.4	155.9	158.7	172	110	107.6
2013-14	490.2	199.4	186.8	226.2	224.0	216.4
2014-15	262	208.6	191	212	191	234

After deducting water requirement of 37 Cumecs for Chinki Project on upstream of this project, the water available at site is about 70 Cumecs, which is much more than 12.60 Cumecs required for this projects. Hence the sufficient water is available for this project at site.

About Project:

The Project envisages pumping of water by constructing six pumping station at six different locations, on the Right Bank of Narmada River, in between Village-Chaursakhedi, Tehsil-Nasrullahganj, District-Sehore & Village-Nemawar, Tehsil-Khategaon, District-Dewas, using different length and different dia. as per discharge of M.S. Rising Main for irrigation through under ground pipe line system to cultivators upto 2.5 Ha. Chack. Farmer will irrigate their field-using sprinkler or drip irrigation (i.e. Micro Irrigation System). Sufficient water is available in Narmada River for this project at site. Presentably there is no irrigation project in the proposed area. There are many Villages of Tehsil-Nasrullahganj, District-Sehore & Tehsil-Khategaon, District-Dewas on Right Bank of Narmada River which are not irrigated by Narmada River because these are situated at higher levels. The project is proposed for considering the need and demand by these farmers. By Construction of this project the share of water utilization in NWDT award of Madhya Pradesh will increase without construction of Dam, submergence of land & Displacement/Rehabilitation of Villagers.

Proposed Chhipaner Micro Lift Irrigation Project:

The Project is proposed to irrigate by pressurized Micro Irrigation System 13000 Ha. land of 26 Villages of Tehsil-Nasrullahganj, District-Sehore and 22000 Ha. land of 50 Villages of Tehsil-Khategaon, District-Dewas (Total 35000 Ha.) by lifting water of 12.60 Cumecs from

Right Bank of Narmada River at different locations. Only temporary land acquisition of 92 ha. is proposed for underground pipe system. For construction of pump houses, six hectare land may be acquired, if needed. Environmental clearance will be accorded by MPSIA Bhopal, because there is no any land under submergence. This project will provide water to farmers up to the field under pressure, so they can use their sprinkler or drip system for irrigation. By using sprinkler/drip irrigation system the water efficiency increases and production will increase. Also as the land acquisition is not required, hence fertile land of the area remain saved, and thus cost of project becomes less.

Cost of Project:

Estimated project cost is Rs. 516.11 Crores. It includes mainly cost of pipe line, pumps, motors & electrical instruments.

The case was presented by the PP and their consultant in 292nd SEAC meeting dated 16/06/2017, wherein during presentation it was submitted by the PP that no forest land 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:

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. Since all the pumping stations are in remote locations, mechanism of providing power supply to them should be discussed in the EIA report. If fresh HT lines are proposed to be laid down issues such as land acquisition should be detailed out in the EIA report. For lying transmission line, if there is involvement of forest land, same should be added in the FC proposal.
16. Any proposal for alternate power supply. If yes, their details should be discussed in the EIA report.
17. Risk factors with their management plan should be discussed in the EIA report.
18. Intensive flora and fauna should be studied as project is in close proximity with Ratapani Wildlife Sanctuary.

PP has submitted EIA vide letter dated 25/05/18 which was forwarded through SEIAA vide letter no. 916 dated 31/05/2018.

The EIA was presented by the PP and their consultant wherein during presentation PP and their consultants informed that the:

- The main objective is to provide irrigation water to the water-scarce areas in Nasrullaganj tehsil of Sehore district and Khategaon tehsil of Dewas district.
- The project is planned to cater irrigation water to about 35,043 ha of CCA in 69 villages, 39 in Dewas and 30 in Sehore district and will reduce extraction of ground water for irrigation.
- The scheme comprises of 5 lifting locations, 3 in Dewas district and 2 in Sehore district.
- 69 villages of Sehore and Dewas districts will be benefitted – Tehsil wise, Nasrullaganj tehsil of Sehore district (30), Khategaon tehsil of Dewas district (39)
- Project is designed for a discharge of 12.615 cumec with total annual utilization of 130.64 MCM, Rising Mains : Length 103.32 Km
- Distribution Network up to 2.5 ha chak in 35,043 ha.

- The scheme is so planned to avoid any forest land diversion for the purpose. Hence, there is no forest land requirement for permanent use.
- Project would require 8.04 ha of government land permanently for pump houses, sub-stations, and valve chambers and staff quarters.

The PP and their consultants further stated that the in the micro lift irrigation schemes only probability of air pollution and no other sorts of pollution is occurred. And the air pollution mainly takes place during project construction phase. After presentation and discussion committee has asked PP to submit response on following:

- Statement of temporary land acquisition of proposed villages and area.
- Volume of top soil and its disposal plan.
- Revised EMP with the budget as discussed during presentation.

PP vide letter dtd 21.06.2018 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC for Chhipaner Micro Lift Irrination Project in Village Choursakhedi, Chhipaner, Kheri, Bijalgaon, Dait, Kundgaon, Tehsil Nasrullaganj, Distt. - Sehore, (M.P.) Cultivable Command Area- 35,000 ha, Gross Command Area- 42,000 ha. Comprises of 5 lifting locations, 3 in Dewas district and 2 in Sehore district subject to the following special conditions:

(A) PRE-CONSTRUCTION PHASE

1. During any construction/plant erection activity, 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. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter shall also be made available to local bodies, Panchayat, State Pollution Control Board and Regional Office, MoEF & CC GoI, Bhopal.
8. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

(B) CONSTRUCTION PHASE

9. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
10. Fire extinguishers should be provided on site during construction/ plant erection period.
11. 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.
12. All the electrical appliances and digging should be minimum 15 meters away from any permanent structure.

13. 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.
14. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
15. The existing and proposed land use plan of the mine is as follows:

Land use/ Land cover Classes	Area (%)
Open Forest	5.01
Scrub Land	1.21
Agriculture/fallow	89.43
Settlements	1.36
Waterbodies	2.99
Total	100.00

16. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
17. 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.
18. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
19. Waste oil & grese 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.
20. 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

21. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
22. 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.

23. Efficient irrigation systems should be promoted in the command area as Social Responsibility by the trained staff of the department.
24. Periodic soil/water testing shall be carried out in the command area and report to be submitted to Ministry of Agriculture with essential remarks.
25. 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.
26. An energy audit for energy conservation can be performed in pump site, office building, to reduce energy expense and carbon footprints.
27. All leakages will be cleaned out in the pump house to prevent wastage of water with the presccibe procedures in the regular intervals.
28. The public toilets should be made in optimum numbers so that entire command area and site should be open defecation free (ODF).
29. 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.
30. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
31. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
32. The project authorities should comply following provisions/ conditions made in the Construction and Demolition Waste Management Rules, 2016.

(D) ENTIRE LIFE OF THE PROJECT

33. A budgetary provision of Rs. 1487 Lakh is made for Environmental Management Plan out of which Rs. 450.00 lakhs are proposed for green belt development in the Command Area.
34. 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.
35. 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.
36. All commitments pertaining to public hearing shall be mandatory on part of PP.

37. 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.
 38. 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.
 39. 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.
 40. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 41. 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. -5586/2017M/s Indial Oil Corporation Ltd (MD), Storage Expansion at Bangrod, Ratlam, MP –457111 Prior Environment Clearance for Storage Capacity Expansion at Ratlam POL Terminal, Bangrod, Ratlam, MP. Existing Capacity- 77,918 KL POL products, Proposed Capacity enhance the POL storage capacity of the plant by constructing 2 X 10,000 KL MS Tanks, 3 X 20,000 KL HSD tanks and 1 X 6,000 KL Biodiesel Tank along with additional wagon/unloading facility, product pump house and new mechanized OWS/ETP. Total Plot area 35.17 ha (97 Acres) by M/s. Indian Oil Corporation Ltd., (MD), through General Manager Shri Dharmesh Singh storage expansion at Bangrod, Ratlam (M.P.) – 457111.Cat. - 6(b) Isolated Storage & handling of Hazardous Chemicals. Env. Con. – Env. Con. – Anacon Lab. Nagpur (M.S.)**

The project proposal is to set up M/s Indial Oil Corporation Ltd (MD), Storage Expansion at Bangrod, Ratlam, MP – 457111. Prior Environment Clearance for Storage Capacity Expansion at Ratlam POL Terminal, Bangrod, Ratlam, and M.P – 457111.

The case was presented by the PP and their consultant for obtaining TOR in the 298th SEAC meeting dated 17/11/2017, wherein following details of the project were submitted by them:

1. Name of the project & its location: Storage Capacity expansion at Indian Oil Corporation Ltd. (MD), Ratlam POL terminal, Bangrod, Ratlam- 457111 (Madhya Pradesh).

2. Name of the Company, Address Tele No. & E-mail: M/s. Indian Oil Corporation Limited, Ratlam Terminal, Bangrod, Ratlam- 457111 (Madhya Pradesh). Tel. No. 07412262191.
E-mail:- dharmeshsingh@indianoil.in
3. Latitude and Longitude of the project.: Latitude 23^o24'11.48"N and Longitude 75^o07'38.40"E
4. If a Joint venture, the names & addresses of the JV partners including their share.: NA
5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.: Expansion Project. Ratlam Terminal is spread in an area of 97 Acres. The existing POL Terminal at Bangrod, Ratlam has enough space within its plant boundary to accommodate the expansion. Thus no change in Land use is envisaged. Activity in preoccupied area only having expansion provision. It is located 9 Kms away from the Mandsaur Neemuch Highway in village "Bangrod" near Delhi Mumbai Main Line railway track. Bangrod railway station is situated at a distance of 2 Kms (North East) and Bangrod village is located at a distance of 2 Kms (South West).

This is storage capacity enhancement project of petroleum product at IOCL Ratlam terminal from 77,918 KL to 1,63,918 KL by constructing tanks of 2 X 10,000 KL MS Tanks, 3 X 20,000 KL HSD tanks and 1 X 6,000 KL Biodiesel Tank at Indian Oil Corporation Ltd.(MD) , Ratlam POL terminal, Bangrod, Ratlam- 457111 (Madhya Pradesh). In addition to above storage capacity expansion, following facilities will be added in proposed expansion project.

- ❖ 2nd Spur tank wagon railway loading/unloading facility.
- ❖ Product pump house for tank wagon unloading.
- ❖ New mechanized OWS/ETP.

The configuration of 2nd Spur tank wagon Gantry facilities are as follows.

- Second spur will be constructed for loading & unloading purpose.
- The length of second spur would be around 650 M.
- The second spur facility would be used for loading for MS, HSD, SKO & ATF.
- Implementation of Automation for loading operation.

6. **Cost of the project.** : Cost for the proposed expansion project is estimated to be Rs. Approx. 226.91 Crores

7. Whether the project is in Critically Polluted area:- No
8. If the project is for EC under EIA Notification, 2006
 - a) For the first time appraisal by EAC
 - (i) Date of ToR: NA, However Project is for ToR first time.
 - (ii) Date of Public Hearing, location:- NA
 - (iii) Major issues raised during PH and response of PP:- NA
 - b) Second appraisal
 - (i) Date of first /earlier appraisal:- NA
 - (ii) Details of the information sought by the EAC with the response of the PP:- NA
9. If the project involves diversion of forest land
 - (i) Extend of the forest land:- NA
 - (ii) Status of forest clearance:- For NOC application submitted to DFO
10. If the project falls within 10 km of eco- sensitive area
 - (i) Name of eco- sensitive area and distance from the project site: There is no any eco-sensitive area within 10 KM radius study area
 - (ii) Status of clearance from National Board for wild life.: NA
11. Waste Management
 - (i) Water requirement, source, status of clearance:- 11 KLD, Water Sources from Borewell, CGWA NOC
 - (ii) Waste water quantity, treatment capacity, detail:- 3.8 KLD from terminal and oil water separator (OWS) is in place to treat effluent from terminal. Domestic waste water 3.5 KLD will be disposed of through septic tank followed by sock pit.
 - (iii) Recycling / reuse of treated water and disposal:- On Green Belt
 - (iv) Solid Waste Management:- Solid waste disposed through CPCB approved vendor
 - (v) Hazardous Waste Management: Hazardous waste generation from cleaning of storage tank repored to be once in five year. The waste is being disposed off through CTSDf. PP has obtained membership from RAMKY Pithampur, Dhar for disposal of Hazardous waste.

12 Other details

- (i) Noise Modeling with noise control measures for airports:- NA
- (ii) Details of water bodies, impact on drainage if any:- NA
- (iii) Details of tree cutting: Some small buses.
- (iv) Energy conservation measures with estimated saving: PP Should take care
- (v) Green belt development (20 % of construction projects and 33 % for others): PP Should take care
- (vi) Parking requirement with provision made: Parking is in place of existing plant

13. If the project involves foreshore facilities:- No

- (i) Shoreline study:- NA
- (ii) Dredging details, disposal of dredge material: NA
- (iii) Reclamation:- NA
- (iv) Cargo handling with dust control measures: NA
- (v) Oil Spill Contingent Management Plan:- NA

14 If the project involves Marine disposal:- No

- (i) NOC from PCB in case of marine disposal:- NA
- (ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9:- NA
- (iii) Location of intake / outfall. Quantity:- NA
- (iv) Detail of monitoring at outfall:- NA
- (v) Any other relevant information:- NA

15 Other information

- (i) Investment/Cost of the project is Rs. Approx. 226.91 Crores
- (ii) Employment potential- In addition to the permanent staff, around 30-50 persons shall be engaged in construction activities. Most of the unskilled and semi-skilled labor shall be from nearby villages & towns. Responsibility of bringing labor to site will lie with contractor
- (iii) Benefits of the project-The expansion project being proposed is important in view of the consistent increase of demand of Petroleum Product in market. This expansion project is has state as well as nationwide importance for fulfilling fuel requirement of the end users/ consumers of the areas. Use high grade quality petroleum product thus reduces pollution and improve environment.

16. Date of Ground water clearance: Previous NOC on 3/12/12 application no. 21-4 (140) NCR/CGWA. Recent Application No 21-4/527/MP/IND/2017 dated 3/12/2017.

17. Cost of proposed EMP and CSR with detailed components and proposed activity: Will be provided in EIA Report.
18. Numbers of Plantation proposed & area allocated for plantation with budgetary provision. : Will be provided in EIA Report.
19. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details. Kurrel River is situated at a distance of about 1.8 km in east of the project site

During presentation, PP submitted that this proposal is for expansion in storage capacity located in Bangrod, Ratlam. After presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. Site specific risk assessment study should be carried out and same should be submitted with EIA report.
2. Submit the certificate of competent authority verifying the distance of protected area/Eco-sensitive zone.
3. Detailed green belt plan with area, name of species and their number should be provided along with the inventory of existing trees in EIA report.
4. Any other area marked for further expansion in this proposed unit should be detailed out on a layout map and submitted with EIA report.
5. Detailed fire fighting arrangements proposed should be discussed in the EIA report.
6. If there is any sensitive area within 5kms radius of the proposed project site, the proposed safety measures in case of any accident should be discussed in the EIA report.
7. Compliance of earlier EC conditions duly verified by MoEF&CC should be obtained and submitted with EIA report.
8. Details of all construction material related to this expansion project should be submitted with the EIA report.
9. Detailed parking facilities wrt to existing capacity and expanded facility should be discussed in the EIA report.
10. Cost benefit analysis should be carried out and discussed in the EIA report.
11. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
12. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.

13. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
14. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
15. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

PP has submitted EIA vide letter dated 15/05/18 which was forwarded through SEIAA vide letter no. 874 dated 29/05/2018.

The EIA was presented by the PP and their consultant wherein during presentation and discussion following submissions were desired from the PP:

1. Details of first aid facilities provided in the project.
 2. Disposal of oil & sludge and possibility of its recycling through authorized recyclers.
 3. Land use breakup details as proposed by PP for this facility.
 4. Organization chart of Environmental Chart.
 5. Quantity of solid waste (sludge) generated and disposed during last 05 years.
 6. Line diagram of water balance chart.
 7. Top soil management plan.
 8. Capacity of ETP.
 9. Revised EMP budget for plantation, PPEs, first-aid and along with its bifurcation as capital and recurring cost as suggested during presentation.
 10. Details of fund spent on EMP and CSR since last three years.
 11. MoEF & CC compliance report of earlier EC conditions.
 12. Explanation regarding R&R and road construction for which queries were raised in the public hearing.
3. **Case No. - 5696/2018 Executive Engineer, Office of the Executive Engineer, Narmada Development Division No. 32, Barwaha, Distt. - Khargone, MP – 451115 Prior Environment Clearances for ISP – Kalisindh Lift Micro Irrigation Scheme Link Project Phase-I, Lifting Point: ISP Reservoir (Back Water) Near Banka Palas Village, Tehsil - Punasa, Distt. - Khandwa (MP). (To irrigate 1,00,000 Ha. Of command area in Dewas, Shajapur and Sehore Districts of M.P. by lifting Water from ISP reservoir and delivering it by pressurized pipeline system for micro irrigation with the duty of 0.3204 Ips/hectare)**

This is a River Valley projects involving < 10,000 ha. of culturable command area and denies the general conditions 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.

The salient features of the project are given below:

- In ISP Kalisindh Micro-Irrigation Scheme water will be lifted from ISP Reservoir and distributed by pipeline to meet irrigation water requirement for 1,00,000 Ha (CCA).
- Total 191 villages, of Dewas, Sehore and Shajapur districts, will be benefitted.

1	Dewas	Hatpipliya	30
		Sonkachha	90
		Dewas	48
2	Sehore	Aashta	13
3	Shajapur	Shujalpur	10
			191

- Project is designed for a discharge of 32.04 cumec with total annual utilization of 332.20 MCM.

Type of Project	:	Major Lift Irrigation Project
Project Location		
i) Supply Source	:	Indira Sagar Reservoir
ii) Lifting Point	:	Indira Sagar Reservoir near village Bakapalas in Mathani forest range
iv) Command	:	In Dewas, Sehore, Shajapur districts
River Basin		
a) Name		
i) Lifting	:	Narmada Basin Kalisindh, Chhoti Kalisindh & Newaj
ii) Command	:	Sub Basin of Chambal Basin
b) Located in	:	Madhya Pradesh
C) Submergence due to project	:	No submergence due to project, as it is a lift scheme
Irrigation		

Gross Command Area (GCA)	:	1,44,700 ha
Culturable Command Area (CCA)	:	1,00,000 ha
Crop	:	Rabi - 100% (1,00,000 ha)
Water Utilization		
Discharge	:	32.04 cumec
Annual Utilization	:	332.2 MCM
Estimated life of the project	:	50 Years
Pump Head	:	Total head – 520 m (Maximum head – 124 m)
Pipe System	:	Main Transmission Pipeline – 106 KM
Distribution system	:	Piped distribution up to 2.5 Ha (HDPE/MS Pipe)
Power Requirement	:	140.169 MW
Cost	:	▪ 3489.82 Crore
B. C. Ratio	:	1.94

Land Requirement

Permanent:

- The entire micro irrigation system has been aligned in such a way, that it passes through minimum forest area. However, for laying of Rising main, Electrical lines and Establishing Pump Houses in Forest area about 155 hectare will be required.
- For construction of pump houses or where rising main passes through private land, private land of about 2.3 ha shall be required.

Temporary:

- In private or Govt. land. the pipe shall be laid 1.00 m below average ground level hence no land for pipes shall be acquired permanently and temporary land acquisition will be done as per the applicable act. Temporary land requirement – 3620 Ha for Pipeline & 210 Ha for Transmission line.

The case was presented by the PP and their consultant in 318th SEAC meeting dated 21/06/2018, wherein during presentation it was submitted by the PP that 155 ha forest land is involved in the project and 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:

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. Since all the pumping stations are in remote locations, mechanism of providing power supply to them should be discussed in the EIA report. If fresh HT lines are proposed to be laid down issues such as land acquisition should be detailed out in the EIA report. For lying transmission line, if there is involvement of forest land, same should be added in the FC proposal.
 16. Any proposal for alternate power supply. If yes, their details should be discussed in the EIA report.
 17. Risk factors with their management plan should be discussed in the EIA report.
 18. Intensive flora and fauna should be studied as project is in close proximity with Ratapani Wildlife Sanctuary.
4. **Case No. - 5649/2018 M/s Enaltec Labs Pvt. Ltd, Plot No. 825, 826, Pitampur Industrial Area, Sector - III, Taluka - Dhar, Dist. Dhar, MP – 454775 Prior Environment Clearance for API Manufacturing Unit in Plot No. 825, 826, Pitampur Industrial Area, Sector - III,**

Taluka - Dhar, Dist. Dhar, (M.P.) Cat. 5(f) Synthetic Organic Chemicals Industry (Bulk Drug) Project.

The project is covered under the provisions of EIA Notification as item no. 5(f), hence it requires prior EC before commencement of activity at site.

PP and their consultant presented the case for ToR before the 309th SEAC meeting dated 23/03/2018 wherein it was recorded that: The submissions and the presentation made by the PP and his consultant revealed following:

1. Name of the project & its location:

- M/s Enaltec Labs Pvt Ltd. The proposed project is located at plot no. 825,826 & 827 Pitampur Industrial Area, Sector – III, District - Dhar, Madhya Pradesh, India.

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

- **Name of the Company** - M/s Enaltec Labs Pvt. Ltd.
- **Registered Address** - 1706, 17th Floor, Kesar Solitaire, Plot No. 5, Sector 19, Sanpada, Navi Mumbai – 400 705, India.
- **Telephone No.** - 91-22-6750 7000,
- **Fax** - 91-22-6750 7070
- **E-mail** - dhananjay.phalak@enaltec.com

3. Latitude and Longitude of the project.

- Latitude and longitude of the proposed project plot are given in the table below,

Sr. No.	Latitude	Longitude	Sr. No.	Latitude	Longitude
1	22°37'17.33"N	75°34'23.97"E	5	22°37'14.33"N	75°34'16.74"E
2	22°37'14.76"N	75°34'23.90"E	6	22°37'14.34"N	75°34'20.24"E
3	22°37'11.14"N	75°34'23.69"E	7	22°37'14.72"N	75°34'20.23"E
4	22°37'12.23"N	75°34'16.65"E	8	22°37'17.26"N	75°34'20.25"E

4. If a Joint venture, the names & addresses of the JV partners including their share.

- Not Applicable.

5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.

- The proposed project is a new activity wherein a new plot has been purchased by the project proponent along with some existing structures and utilities. The plot has been purchased from Namokar Speciality Chemicals Pvt. Ltd. The registration of the unit has been done at Plot no – 825 & 826, Pitampur Industrial Area Sector – III, District – Dhar, State – Madhya Pradesh has been done with Madhya Pradesh Audyogik Kendra Vikas Nigam Indore Ltd whereas Plot no – 827 has been purchased from MPAKVN.

Area Details	Area in sq. m.
Total plot Area	27015.1
Built up area	5750.54
Green belt	8915

Connectivity to the site –

The Pithampur industrial area has well maintained internal roads which are connected to Mhow – Ghatbollid Road which is further connected to NH3 (Mumbai Agra Highway) in the East direction and NH – 59 to the West direction.

6. Cost of the project.

- The total project cost will be 48.4 Crores.

7. Whether the project is in Critically Polluted area.

- No, the proposed project is not located in Critically Polluted Area.

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

- a) **For the first time appraisal by EAC – Project submitted to EAC : 18.08.2017**

- Accepted by Member Secretary: 29.08.2017

(i) **Date of ToR:** Standard ToR granted by MoEF: 29.09.2017

(ii) **Date of Public Hearing, location –** Public hearing is not applicable

(iii) **Major issues rose during PH and response of PP –** Not Applicable, Industry located in Notified Industrial Area.

b) Second appraisal

(i) **Date of first /earlier appraisal:** Not Applicable

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

Not Applicable.

9. If the project involves diversion of forest land

NA, The proposed project is located in notified industrial area.

(i) Extend of the forest land – Not Applicable.

(ii) Status of forest clearance – Not Applicable.

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

Not Applicable. The proposed projects do not fall within 10 km of eco - sensitive area.

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

Not Applicable

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

Not Applicable

11. Waste Management

(i) **Water requirement, source and status of clearance.**

The total requirement of water for the proposed project will be 143 CMD. The water will be sourced from MP AKVN.

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

The total amount of waste water generated will be Industrial effluent – 43.7 CMD & Domestic Effluent – 7.2 CMD.

The proposed project will be a ZLD unit. A fully fledged ETP with MEE followed by ATFD and R.O plant will be installed. The treated effluent will be entirely recycled within the plant premises. The domestic effluent will be treated in the aeration tank of the ETP.

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

Entire effluent will be recycled within the company and reused by means of a fully fledged ETP with MEE followed by ATFD and R.O plant.

(iv) **Solid Waste Management**

All the solid waste generated within the company will be sold to MPCB authorized Scrap vendors.

Sr. No	Particulars	TPM	Method of Disposal
1	Plastic waste, plastic wrappers, scrap	0.1	Sold to approved scrap dealers

(V) Hazardous Waste Management

All the Hazardous waste generated within the company will be disposed off through CHWTSDF / Authorized recycler.

Sr. No.	Particulars	Category	Proposed TPM	Method of Disposal
i.	Hyflo and carbon waste	28.3	1.5	To CHWTSDF
ii.	Spent Solvent	28.6	555	To the authorized recycler
iii.	Process/solid waste	28.1	5	To CHWTSDF
iv.	Catalyst waste	28.2	1.5	To authorized recycler
v.	Spent Oil	5.1	0.2	To CHWTSDF
vi.	Distillation residue	36.1	5	To CHWTSDF
vii.	Off specification products	28.5	0.1	To CHWTSDF
viii.	Date expired products	28.5	0.1	To CHWTSDF
ix.	ETP Sludge	35.3	3	To CHWTSDF
x.	MEE Residue	37.3	82	To CHWTSDF
xi.	Discarded containers	33.1	1	To authorized recycler

12. Other details

(i) Noise Modeling with noise control measures for airports

Not Applicable

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

The proposed project will operate as a ZLD unit. All the waste water generated from the industrial activities and domestic effluent will be treated in a fully fledged ETP with MEE followed by ATFD and R.O plant. The treated effluent will be entirely recycled within the plant premises. The domestic effluent will be treated in the aeration tank of the ETP. None of the effluent generated within company premises will be discharged in the drainage or in the water body.

(iii) Details of tree cutting

(iv) The plot is devoid of any vegetation, there are no trees which need to be cut.

(v) Energy conservation measures with estimated saving – There are no alternate sources of energy conservation which have been explored.

(vi) Green belt development (20 % of construction projects and 33 % for others) – Area provided for green belt is 8915 sq. mtr.

(vii) Parking requirement with provision made -

Sufficient area for parking will be provided

13.If the project involves foreshore facilities

Not Applicable.

(i) Shoreline study - Not Applicable

(ii) Dredging details, disposal of dredge material – Not Applicable.

(iii) Reclamation – Not Applicable.

(iv) Cargo handling with dust control measures – Not Applicable.

(v) Oil Spill Contingent Management Plan – Not Applicable.

14. If the project involves Marine disposal – Not Applicable

(i) NOC from PCB in case of marine disposal – Not Applicable

(ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters – Not Applicable, it is a ZLD project.

(iii) Location of intake / outfall. Quantity – Not Applicable, it is a ZLD project

(iv) detail of monitoring at outfall - Not Applicable, it is a ZLD project

(v) Any other relevant information : Not Applicable, it is a ZLD project

15. Other information

(i) Investment/Cost of the project is Rs **48.4 Crores**

(ii) **Employment potential –**

Construction Phase - 100-150 workers

Operational Phase – 180 workers per day (60 workers per shift)

(iii) **Benefits of the project**

Overall benefits of the project are as follows:

- 1) The plant is located within Notified Industrial Area, therefore no human displacement or clearance of vegetation is envisaged.
- 2) The proposed project will be a ZLD unit, therefore water consumption of the project will lessen after first cycle of operation.
- 3) As the company is a new unit, Employment opportunities will be generated for local people.
- 4) Under CSR activities the company will focus on locale specific aspects such as education & skill development, Health awareness to the people, water and sanitation and various social activities.
- 5) Industry trust on employee's strength so management of the industry always promotes and maintains the safety conditions in and around the workers.
- 6) Starting of this project will reduce the present demand and supply gap for the same product, which will directly benefits to the end users of this products in terms of lower purchase cost.
Thus a significant benefit to the socio-economic environment is likely to be created due to the project.

16. Date of Ground water clearance: Not Applicable, Water will be provided by MP AKVN.

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

As per Standard ToR

18. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions. - Detailed list of native plants with budgetary allocation will be provided along with EIA report.

19. Any river/Nallah flowing near or adjacent to the proposed mine. If yes, please give

details-There are no such water bodies near the close vicinity of the project side.

During initial appraisal of the project in the 309th SEAC meeting dated 23/03/2018, it was observed by committee that it's an existing industry purchased from M/s Namokar specialities Chemicals Pvt. Ltd and located on plot no. 825 and 826, Pithampur IA, Sector-III. However, as per the Google image attached with the TOR presentation and the executive summary sent by PP after scheduling of the project for TOR presentation, the location is shown on plot no. 825, 826 and 827, Pithampur IA, Sector-III. It was noticed from the file that previously PP has obtained TOR from the MoEF&CC on plot no. 825 and 826, Pithampur IA, Sector-III and approached them for PH amendment. Thus PP was asked to rectify the above facts and submit the correct location of the proposed unit. If plot no. 827 is added to the project, revised form-1 with all necessary details such as land allotment, PFR, NOC's etc should be submitted by the PP through SEIAA.

During presentation, PP was also asked to provide the details of the existing unit such as existing machineries, previous products, generated wastes, stored wastes (if any), consent details, any direction issued from the MPPCB, compliance status of the previous consent, any construction taken place to access the violation status but no such details were produced by the PP which are essential for the grant of TOR. Considering above issues, committee decided to carryout site visit and the TOR will be prescribed based on the outcome of the site visit report.

Before the presentation of the case it was informed to the committee that a team comprising of Dr. R. Maheshwari and Dr. Rubina Chaudhary has carryout the inspection of above site on dated 18/05/2018.

Dr. Rubina Chaudhary presented in the meeting informed that during the inspection it was observed that no new equipments are installed and production is proposed using old reactors. Necessary cleanup and repairing operations of old reactors were taking place at the time of inspection. It was also informed to the committee that PP has submitted revised form-1as recommended in the 309th SEAC meeting dated 23/03/2018 vide letter dated 16/04/2018 which was forwarded by SEIAA vide letter no. 86/SEIAA/18 dated 20/04/2018.

The case was presented by the PP and their consultant. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR:

1. PP should provide entire product mix in the EIA report.
2. Worst case scenario w.r.t. waste water and hazardous waste should be submitted.
3. Details of solvents and their recovery plan should be discussed in the EIA report.
4. VOC should be monitored in the AAQ.

5. All MSDS should be provided with the EIA report.
 6. Industry has to comply with zero discharge for which necessary details should be provided in the EIA report.
 7. Land use plans of the plant both existing land use as well as proposed land use and PP should assure that no existing green area shall be altered for which a written commitment be submitted with the EIA report.
 8. Details of any waste at present lying within the plant premises and if yes, same should be discussed in the EIA report with its disposal plan.
 9. Inventory of existing and proposed machinery and if any existing machinery proposed to be used same shall be presented in the EIA report.
 10. PP should explore possibility of using Biofuel based technology in boilers.
 11. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
 12. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
 13. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
 14. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
 15. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
5. **Case No. - 5706/2018 Executive Engineer, Narmada Development Division No. - 25, Narmada Nagar, Distt. - Khandwa, (M.P.) – 450119. Prior Environment Clearance for ISP - Parwati Phase I & II Micro Lift Irrigation Scheme, Near Village - Piplaya, Tehsil - Satwas, Distt. -Dewas, (M.P.) Cultivable Command Area – 1,00,000 Ha. Of command area in Sehore district of M.P. by lifting water from Indira Sagar Project Reservoir and delivering it by pressurized pipeline system for micro irrigation with the duty of 0.3204 Ips/hectare., (Project covered 03 Districts - Shajapur, Dewas & Sehore), Cat. - 1(c) River Valley and Hydroelectric Projects.**

This is case of Prior Environment Clearance for ISP - Parwati Phase I & II Micro Lift Irrigation Scheme, Near Village - Piplaya, Tehsil - Satwas, Distt. -Dewas, (M.P.) Micro Lift Irrigation Scheme Cultivable Command Area – 1,00,000 Ha. Of command area in Sehore

district of M.P. by lifting water from Indira Sagar Project Reservoir and delivering it by pressurized pipeline system for micro irrigation with the duty of 0.3204 Ips/hectare., (Project covered 03 Districts - Shajapur, Dewas & Sehore), and 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.

The case was presented by the PP and their consultant wherein during presentation it was submitted by the PP that approximately 60 ha of forest land is involved in this project hence FC clearance should be obtained and same should be submitted in the final EIA report. After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA study along with following additional TORs:

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. Since all the pumping stations are in remote locations, mechanism of providing power supply to them should be discussed in the EIA report. If fresh HT lines are proposed to be laid down issues such as land acquisition should be detailed out in the EIA report. For lying transmission line, if there is involvement of forest land, same should be added in the FC proposal.
16. Any proposal for alternate power supply. If yes, their details should be discussed in the EIA report.
17. Risk factors with their management plan should be discussed in the EIA report.

6. Case No. – 5693/2018 Shri Sushil Tripathi S/o Shri Shailendra Kumar Tripathi, Resi. - Mukaam, PO - Nagod, Dist. Satna, MP – 485446 Prior Environment Clearance for Flagstone quarry in an area of 10.849 Ha. (10,000 cum per annum and OB 15,332 cum per annum) (Khasra no. 23, 24, 26/2, 26/3, 26/6, 28/3, 28/4/1, 28/4/2, 28/5) at Village- Urai Chuwa, Tehsil - Unchehara, Dist. Satna (MP).

This is case of Flagstone quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 23, 24, 26/2, 26/3, 26/6, 28/3, 28/4/1, 28/4/2, 28/5) at Village- Urai Chuwa, Tehsil - Unchehara, Dist. Satna (MP) 10.849. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 1486 dated 22/5/2018 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Salient features of this project:

EXECUTIVE SUMMARY FOR CASE NO. - 5693/2018		(SIA/MP/MIN/75111/2018)	
1.	Name of the project & its location:	Urai Chuwa Flagstone Quarry	
		Khasra No. – 23, 24, 26/2, 26/3, 26/6, 28/3, 28/4/1, 28/4/2, 28/5, 29/2	Vill. – Urai Chuwa
		Tehsil - Unchehara	Dist. - Satna
2.	Name of the Applicant, Address Tele No. & E-mail:	Applicant:- Shri Sushil Tripathi	
		Address:- Resi.- Mukaam Post- Nagod District-Satna, Madhya Pradesh	
		Tele No.:- 7697418487	
		E-mail:- Sushiltripathi655@gmail.com	

3.	Latitude and Longitude of the project:	<p>(A) 24°19'41.88"N 80°41'53.38"E (B) 24°19'41.98"N 80°41'54.80"E (C) 24°19'39.90"N 80°41'55.80"E (D) 24°19'39.62"N 80°41'57.97"E (E) 24°19'43.62"N 80°41'59.84"E (F) 24°19'43.56"N 80°42'1.97"E (G) 24°19'41.15"N 80°42'1.40"E (H) 24°19'39.73"N 80°42'4.67"E (I) 24°19'36.08"N 80°42'4.64"E (J) 24°19'36.27"N 80°42'1.27"E (K) 24°19'33.12"N 80°42'1.07"E (L) 24°19'32.93"N 80°42'4.08"E (M) 24°19'27.01"N 80°42'3.78"E (N) 24°19'27.10"N 80°42'1.79"E (O) 24°19'30.26"N 80°42'2.32"E (P) 24°19'30.54"N 80°41'58.20"E (Q) 24°19'26.22"N 80°41'57.96"E (R) 24°19'26.44"N 80°41'53.99"E (S) 24°19'28.10"N 80°41'54.52"E (T) 24°19'29.89"N 80°41'54.76"E (U) 24°19'30.05"N 80°41'53.41"E (V) 24°19'35.97"N 80°41'55.06"E (W) 24°19'36.32"N 80°41'53.18"E</p>
4.	If a Joint venture, the names & addresses of the JV partners including their share:	NA
5.	Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.:	<p>Principle sanction of mining Lease granted by Directorate of geology & Mining M.P Vide Order No. 4942-43/Khanij/2015, Bhopal, dated on 04-04- 2018 for the lease period of 10 years.</p> <p>It is a new Project on Pvt. Land of 10.849 hect. area having total available reserve of 686714M³ excluding the reserve blocked in barrier zone, Bench loss etc. The reserve is considered upto the depth of 12 mt.</p> <p>The excavation of Flagstone 10,000 M³/Year & Overburden 15,332 M³/Year (1st 5 Year) is proposed in approved mining plan.</p> <p>The Mining site is easily approachable from village Urai Chuwa which is 0.50 km from the mining area. Village Urai Chuwa is connected with the District Headquarter Satna, which is 30km away.</p>
6.	Whether the project is in the Critically Polluted Area (CPA):	No
7.	Cost of the project :	50 Lacs/-
8.	Employment generated/to be generated:	15-20

9.	Benefits of the project:	The basic objective of the project is to effective utilization of Mineral in the country and/or region. In last few years the development, industrialization and infrastructure projects-like multinational compnies buildings and township has enhanced the demand of Flagstone and building material.This project gives not only building material but also employment, economic growth of the state and socioeconomic status of the people of the region area.
10.	Whether new or expansion project. If expansion: (i) from MT to..... MT (ii) What is the % of expansion:	New Project
11.	If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006:	NA
12.	If expansion, please indicate the number and date of the certified Compliance Report of Regional Office of the MoEF:	NA
13.	No. and Date of the ToR /and revised ToR, if any, letter issued by the authority:	NA
14.	No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent):	NA
15.	If the project was considered in EAC, Pl. gives dates of the meeting (s):	NA
16.	Type of Mine: (Open cast/Underground/mixed):	Open Cast
17.	Capacity of the mine applied for:	Flagstone: - 10,000 M ³ /Year Overburden :- 15,332 M ³ /Year (for 5 Years)

18.	ML Area: i. As per block allotment: ii. As per approved mine plan:	This is a Quarry Lease. Total Sanctioned Lease Area:- 10.849 hect.		
19.	Date of approval of mine plan, mine closure plan, status & date:	The mining plan has been approved by Regional office of Geology & Mining, Rewa (MP) vide letter no.504 on dtd. 23/03/2018		
20.	Date of Board's approval:	NA		
21.	Date of Ground water clearance:	Only surface water will be used for mining purpose therefore no need of ground water clearance.		
22.	Date of mine closure approval:	The mining plan has been approved by Regional office of Geology & Mining, Rewa (MP) vide letter no.504 on dtd. 23/03/2018		
23.	Cost of proposed EMP and CSR with detailed components & proposed activities:	PROPOSED ANNUAL EMP COST :		
		Particular	Capital Cost (in Rs.)	Recurring Cost (in Rs./Year)
		Overhead Water Sprinkle Facility	Rs. 40,000	Rs. 30,000
		Garland Drain (1.5mt. Wide & 1.0mt. Deep) 3 no. Settling Tank (3.0mt wide, 5mt. long & 3mt. Deep)	Rs. 60,000	Rs. 5,000
		WBM Road Prepare & Maintenance (Max. Road length 1000 mtr. Width 5.5mt.)	Rs. 3,00,000	Rs. 50,000
		Monitoring (AAQM & Water twice a year)	NIL	Rs. 50,000
		Afforestation / plantation (350 plants/year will be planted.)	Rs. 1,20,00	Rs. 55,000
		Tar Fencing	Rs. 100,000	Rs. 10,000
		Total	Rs. 6,20,000	Rs. 2,00,000
		PROPOSED ANNUAL COST FOR CSR/ESR :		
		❖ The proposed cost for CSR/ESR has been calculated on the basis of profit earned by lessee against the production.		
		❖ The Proposed CSR/ESR is around 2-3% of the profit.		
		❖ These CSR activities will be carried out in nearby villages with the help of Gram Panchayat.		
		❖ Following Village will chosen for CSR Activities.		
		1st Year – Rampur	4th Year –Urai Chuwa	
		2nd Year – Dandi	5th Year – Majhgawan	
		3rd Year – Kalyanpur		
		Sr.	Particular	Amount

		No.		(in Rs./Year)
		1.	Contribution to Digital India mission, Fund for installing a Computer setup in Gram Panchayat Office.	40,000
		2.	Fund for School for Extracurricular Activities and maintenance	20,000
		3.	Fund for Aaganwadi Centre	40,000
		4.	Contribution to Beti Padhao Beti Bachao Abhiyan	60,000
		5.	Contribution for Swachchh Bharat Abhiyan	40,000
			Total	2,00,000/-
			❖ Apart from above, the suggestion recommended by respected SEIAA/SEAC members and local authorities will be followed accordingly.	
24.	Numbers of plantation proposed & area allocated for plantation with budgetary provisions:		❖ About 350 number of trees @ cost Rs. 500/trees will be planted each year within 7.5m safety zone, Along Approach Road, and in Village area. Saplings will be planted in Zig-Zag Manner. ❖ The proposed Plantation along approach road, Within 7.5m safety zone and in village is as follow. ❖ The plantation will be carried out during first five year and proper caring will be done during next five year so that plants will grow properly. ❖ The species; Neem, Amaltas, Jamun, Karanj, Mango etc. will be planted as proposed manner. ❖ Apart from above, other species as recommended by SEIAA/SEAC member, the forest department and local authorities will also be considered for Plantation.	
25.	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details:		No river/Nallah flowing near or adjacent to the proposed mine.	

The case was presented by the PP and their consultant wherein during presentation it was observed that there are some trees within the lease area, committee asked to obtain necessary permission from the competent authority if any trees falling are proposed, after discussion and persuals of the documents PP were asked to submit reply for the following raised queries:

1. Revised Plantation scheme as per the suggestion during presentation.
2. Existing and post mining land-use plan to be submitted by the PP.

3. Revised production Plan by starting mining from the Northern side as suggested during presentation.
4. As per the surface contour and topography a garland drain should be in two stages i.e. upper half and next half at the end, settling tank at both the either ends with a check-dam in between them.
5. Top soil management plan with its end use is to be submitted.
6. Revised EMP as suggested during presentation.

PP vide letter dated 21/06/2018 has submitted the reply of above queries which was placed before committee. The query reply, EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special condition in addition to the standard conditions at annexure 'A':

1. Production of Flagstone as per mine plan with quantity not exceeding 10,000 cum per annum and OB 15,332 cum per annum cum/year.
 2. The lease area should be clearly distinguished and earmarked at the site.
 3. PP should explore possibility of using solar lights in office /rest areas.
 4. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
 5. Approach road from site to the main road will be maintained by the PP.
 6. Top soil shall be simultaneously used for the plantation.
 7. If any tree falling is proposed necessary permission from the competent authority must be obtained.
 8. A budgetary provision for Environmental management Plan of Rs. 13.60 lacks (capital) is made with a recurring expenditure of 6.60 Lacks. 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. 6.00 lacks/year is proposed for various activities.
7. **Case No. - 5692/2018 Shri Omprakash Bhadrathia, Kant, P.O.Dhunao Thana, Dist. Gwalior, (M.P.) – 474006 Prior Environment Clearance for Expansion in Stone Mine from 30,000 MTPA to Max.- 2,80827 cu.m./Year, Lease Area - 8.0 Ha., Khasra No.- 01 at Village- Chandrapura, Tehsil - Gwalior, Distt. - Gwalior (M.P.).**

This is case of Expansion in Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no. - 01 at Village- Chandrapura, Tehsil - Gwalior,

Distt. - Gwalior (M.P.) 8.00. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 5341 dated 23/4/2018 has reported that there are 06 more mine operating or proposed within 500 meters around the said mine with total area of 38.519 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and in case the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

8. Case No. – 5705/2018 Sarpanch/Sachiv, Gram Panchayat Bharuhi, Tehsil - Bahri, Dist. Sidhi, MP Prior Environment Clearance for Sand mine in an area of 9.70 Ha. (1,74,600 cum per annum) (Khasra no. 199) at Village- Barpan, Tehsil - Bahri, Dist. Sidhi (MP)

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 199) at Village- Barpan, Tehsil - Bahri, Dist. Sidhi (MP) 9.70 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no.361 dated: 23/04/2018 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. Committee after discussion and perusal of the documents & presentation asked PP to submit response on the following queries:

1. Revised Plantation details as suggested by the committee during presentation.
2. Revised EMP with revised labour welfare cost as suggested by the committee during presentation.
3. Budgetory provisions for labour welfare.
4. Revised CSR budget.

PP has submitted the reply of above query vide letter dated 21/06/2018 which was placed before the committee and same was found to be acceptable to the committee. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence

committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 1,74,600 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- The lease area should be clearly distinguished and earmarked at the site.
- No diversion of active channel should be allowed for mining.
- A budgetary provision for Environmental management Plan of Rs. 09.50 lacks (capital) is made with a recurring expenditure of 10.50 Lacks. 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. 2.85 lacks/year is proposed for various activities. A separate bank with cost sheet account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

9. Case No. – 5686/2018 M/s Century Construction Engineers, Construction and Builders, 144, Mayur Nagar, Thatipur, Gwalior, MP Prior Environment Clearance for Sand Quarry in an area of 6.823 Ha. (2500 cum per annum) (Khasra no. 853) at Village-Pairibahara, Tehsil - Jaitpur, Dist. Shahdol (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 853) at Village-Pairibahara, Tehsil - Jaitpur, Dist. Shahdol (MP) 6.823 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 678 dated: 21/3/2018 has reported that there is no more mines operating or proposed within 500 meters.

The case was presented by the PP and their consultant wherein it was observed that it's a temporary permit and mining lease is sanctioned only for 02 Year for construction of school building. It was also observed during presentation from Google image that two bridges are in existence between the lease and thus necessary distance of 250 meters from the both sides of the bridge may be left as non-mining area. The other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 2500 cum/year.
2. 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.
3. Evacuation of sand should not be allowed through the roads passing through the villages.
4. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
5. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
6. No diversion of active channel should be allowed for mining.
7. Two bridges are in existence in the QI area and thus 250 meters area should be left from the both sides of the bridge in the lease as non mining area.
8. The validity of the prior EC & the lease shall be for a maximum period of two years only that is for Jaitpur school building construction.
9. The lease area should be clearly distinguished and earmarked at the site.
10. A budgetary provision for Environmental management Plan of Rs. 5.80 lacks (capital) 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. 1.75 lacks/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.

11. All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP OR THE PROJECT ISSUES RECEIVED FROM SEIAA / PENDING FROM A LONG TIME FOR WANT OF DESIRED INFORMATION.

10. Case No. – 5677/2018 Sarpanch/Sachive, Gram Panchayat Ramnai, Janpad Panchayat - Ajaygarh, Dist. Panna, MP – 488220 Prior Environment Clearance for Sand Mine in an area of 7.00 Ha.. (87500 cum per annum) (Khasra no. 01) at Village- Ramnai , Tehsil - Ajaygarh, Dist. Panna (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 01) at Village- Ramnai, Tehsil - Ajaygarh, Dist. Panna (MP) 7.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 1179 dated: 27/4/18 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was presented by the PP and their consultant in 314th SEAC meeting dated 10/05/2018, wherein during presentation it was observed that as per the Google image of Nov 2016, most part of the lease area is submerged in water and only approx. 1.50 to 2.00 ha area is available for mining. However the PP submitted that there is no submergence of complete lease in water only in some part it is submerged in water. Hence committee after deliberations asked PP to submit Mining Officer's certificate indicating the availability of dry area for sand evacuation for further consideration of this project.

This case was placed before the committee as PP vide letter no. Q/P-14/2018 dated 30/05/2018 has submitted the revised Mining officer's letter no. 1424 dated 30/05/2018. According to revised M.O letter out of 7.00 ha only 2.00 hectares of lease is available for the sand evacuation, rest 5.00 hectares is submerged in water. After discusson and perusal of the Mining officer's

letter committee recommends evacuation of sand only from the dry part of lease leaving submerged part as non mining area. Since depth in sanctioned mine plan is 2.5 mts and 2 ha ML area is available for mining thus 50,000 cum/year sand can be evacuated. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity with quantity restriction to 50,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- The lease area should be clearly distinguished and earmarked at the site.
- No diversion of active channel should be allowed for mining.
- A budgetary provision for Environmental management Plan of Rs. 09.50 lacks (capital) is made with a recurring expenditure of 10.50 Lacks. 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. 2.85 lacks/year is proposed for various activities. A separate bank with cost sheet account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

11. Case No. - 5626/2017 Mr. Lalli Ram Rai, Ward No. 14, Krishnapuram, Dist. Shivpuri, MP – 473551 Prior Environment Clearance for Sand Deposit Quarry in an area of 16.340 Ha. (40,000 cum per annum) (Khasra no. 137) at Village- Dangra, Tehsil - Badoni, Dist. Datia (MP)

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 137) at Village- Dangra, Tehsil - Badoni, Dist. Datia (MP) 16.340 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office (Ekal Praman Patra) vide letter no. 65 dated: 21/1/2016 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 57.58ha including this mine.

Earlier this case was presented by the PP and their consultant in the 306th SEAC meeting dated 27/01/2018, wherein it was observed by the committee that PP has filed an application for the "modernization" while in Form-1, PP has also proposed for capacity expansion. Thus PP was asked to submit revised Form-1 for capacity expansion. PP was also advised to submit MoEF&CC compliance report for compliance for earlier EC conditions. It being a case of mechanized mining and mine was operational since grant of EC as informed by PP, it was also advised to consider following issues in their proposal:

1. Revised form-1 for capacity expansion.
2. MoRF&CC compliance report for compliance for earlier EC conditions.
3. Year wise details of amount expended till date for EMP and CSR with justification and evidence such as photographs.
4. Photographs showing the lease boundary with co-ordinates.
5. Details of royalty paid for the volume of sand evacuated.
6. A detail of training and PPE's imparted to the workers.
7. As per PFR point no. 2 and in the EMP under heading "Land Use planning", it appears that till date mining is not carried out at site as area shown under pit is 0.00 and area under approach road is also shown as 0.00, which requires proper justification.
8. Approved maps such as surface, production are not attached with the mine plan.
9. As per Mining Plan's chapter 6 the proposed method of mining is semi-mechanized using 2 JCBs (pockland) and one 1 hywa. However, unladen weight and laden weight of both the machine (empty/ full with sand) not given, this information is essential to

- assess the amount of load that will be put on river bed and also to assess the level of “Bed compaction” for which report on bed compaction should be submitted.
10. Method of mining in EMP is given as Open cast manually and mechanized both which requires proper justification?
 11. In EMP it is proposed that 33% area will be afforested which need proper justification with details of area.
 12. Details of proposed safety measures during mechanized mining.

This case was placed before the committee as PP was informed to submit above information vide letter no 61 dated 08/02/2018 stating to submit the desired information and reminder was also given to the PP vide letter no. 135 dated 08/05/2018. PP so far has not submitted the desired informations and the case was placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

12. Case No. - 5627/2017 Mr. Amit Raghuwanshi, 337, Ward No. 15, Dayanand, Dist. Shivpuri, MP – 473551 Prior Environment Clearance for Sand Deposit Quarry in an area of 24.400 Ha. (2,50,000 cum per annum) (Khasra no. 410) at Village- Niwasi Ridiya, Tehsil - Roun, Dist. Bhind (MP).

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 410) at Village- Niwasi Ridiya, Tehsil - Roun, Dist. Bhind (MP) 24.400 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease’s within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector’s office (Ekal Praman Patra) vide letter no. 248 dated: 26/3/16 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 66.400 ha including this mine.

Earlier this case was presented by the PP and their consultant in the 306th SEAC meeting dated 27/01/2018, wherein it was observed by the committee that PP has filed an application for the “modernization” while in Form-1, PP has also proposed for capacity expansion. Thus PP was asked to submit revised Form-1 for capacity expansion. PP was also advised to submit MoEF&CC compliance report for compliance for earlier EC conditions. It being a case of

mechanized mining and mine was operational since grant of EC as informed by PP, it was also advised to consider following issues in their proposal:

1. Revised Form-1 for capacity expansion.
2. MoEF&CC compliance report for compliance for earlier EC conditions.
3. Year wise details of amount expanded till date for EMP and CSR with justification and evidence such as photographs.
4. Photographs showing the lease boundary with co-ordinates.
5. Details of royalty paid for the volume of sand evacuated.
6. A detail of training and PPE's imparted to the workers.
7. As per PFR point no. 2 and in the EMP under heading "Land Use planning", it appears that till date mining is not carried out at site as area shown under pit is 0.00 and area under approach road is also shown as 0.00, which requires proper justification.
8. Approved maps such as surface, production attached with the mine plan are not readable thus legible copies of these maps should be provided.
9. As per Mining Plan's chapter 6 the proposed method of mining is semi-mechanized using 2 JCBs (pockland) and one 1 hywa. However, unladen weight and laden weight of both the machine (empty/ full with sand) not given, this information is essential to assess the amount of load that will be put on river bed and also to assess the level of "Bed compaction" for which report on bed compaction should be submitted.
10. Method of mining in EMP is given as Open cast manually and mechanized both which requires proper justification?
11. In EMP it is proposed that 33% area will be afforested which need proper justification with details of area.
12. Details of proposed safety measures during mechanized mining.

This case was placed before the committee as PP was informed to submit above information vide letter no 55 dated 08/02/2018 stating to submit the desired information and reminder was also given to the PP vide letter no. 137 dated 08/05/2018. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

13. Case No. - 5395/2016 M/s Medicare Environmental Management Pvt. Ltd, 403, 4th Floor, BPTP Park Centre, Sector-30, NH-8, Gurgaon, Haryana – 122001 Common Biomedical Waste Treatment Facility (Khasra No. F-7, F-8, F-9 & F-10) at IID Jaderua,

Morena, (M.P.) Cat. - 7(d) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs).

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.

Sl.no	Parameters	Description
1	Project Proponent	M/s. Medicare Environmental Management Pvt. Ltd
2	Brief description of nature of the project	Biomedical waste is generated from all health care institutions; nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks etc. A Common Bio-medical Waste Treatment Facility is a set up where bio-medical waste, generated from a number of healthcare units, is suitably treated as per the prescribed procedure & norms laid down in the regulation. Proposed project of setting up of the Common Bio- medical Waste Treatment Facility at IID Jaderua , Morena , Madhya Pradesh. The extent of proposed project is 1 Acres land.
Salient Features of the Project		
3	Proposed plant capacity	The project is aimed to cater 20,000 beds - @ 0.16-0.2 kg/day/bed = 3.2-4 TPD
4	Total Plot Area	1 Acre
	Location	Plot no. F-7,F-8,F-9 & F-10 , IID Jaderua, Morena , Madhya Pradesh.
5	Water requirement	Water requirement for the proposed CBWTF project is 50 KLD. Water will be sourced through Borewells & Water Tankers
6	Source of water	Water requirement will be met through bore wells
7	Wastewater	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, etc. is 120 KLD and it shall be treated in effluent treatment plant.
8	Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 35 persons are proposed to hire for plant operations including officers, skilled and unskilled workers.
9	Electricity/ Power requirement	DG set of 100 KVA is proposed for the project and lines will be taken from the Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL)
10	Total Project Cost	Project cost is Rs. 10 Cr

M/s Medicare Environmental Management Private Ltd are proposing a Bio Medical Waste Management Facility at IID Jaderua, Morena with an area of 1 acres. The proposed project is Common Bio-medical Waste Treatment facility of Bio Medical Wastes collected from the various health care establishments/unit generating bio medical wastes. Facility includes Incinerator, Autoclave, Shredder, Storage and Effluent Treatment Facility.

The proposed treatment facilities at the site are Bio Medical Waste Segregation, Autoclave and Shredding and Incineration. The project is aimed to cater the needs of the Bio Medical waste generation units in the nearby Health Care Units of Madhya Pradesh state with an approximation of 20,000 beds@0.16-0.2kg/day/bed equals to 3.2-4 tons per day.

The primary purpose of incineration is to burn the waste to ashes through a combustion process. Medicare intends to setup a 5.0T/Day incinerator. The unit shall be a dual chambered incinerator. The purpose of autoclave is to sterilize/dis-infect the waste with steam. Microorganisms which contribute to infection do not survive beyond 80°C. However, as a precaution MoEF&CC has stipulated a temperature of 121°C with 15 psi pressure to ensure distribution of temperature. The total water requirement including makeup water for the proposed facility is 50 KLD and waste water generation would be around 120 KLD, the waste water generated will be treated in ETP.

The power required for the facility will be fetched from Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL). For emergency backup DG is maintained with optimal usage by using a High Speed Diesel with a capacity of 100 KVA.

Earlier this case was Scheduled in 282nd SEAC meeting dated-10/10/2016 wherein it was observed that: The case was presented by the PP and their consultant wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:

- a. DFO certificate in the format prescribed by MP, SEIAA should be submitted with the EIA report for distances from National Parks/ Sanctuaries and Forest area.
- b. Justify in EIA report, how unit will remain zero discharge.
- c. Disposal plan of autoclaved material should be discussed in the EIA report.
- d. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
- e. In the EIA report, PP should provide the type of industries existing in the area with the list of MP, AKVN, and Gwalior.

PP has submitted the EIA report vide letter dated 03/04/2017 which was forwarded by the SEIAA vide letter no. 145/SEIAA/17 dated 07/04/2017.

The case was presented by the PP and their consultant in the 289th SEAC meeting dated 28/04/2017 wherein PP requested for the exemption from the public hearing which was to be conducted as per the TOR approved to the PP in the 282nd SEAC meeting dated-10/10/2016. During discussion PP informed that as per the MoEF&CC OM dated 10th December, 2014 this project is located in Plot no. F-7,F-8,F-9 & F-10 , IID Jaderua, Morena , Madhya Pradesh and this industrial area was notified prior to 2006 and thus does not require public hearing but could not put up any proof in support of their submission before the committee for consideration. Thus committee after deliberations decided that PP should either provide documentary evidence in support of seeking exemption or carryout public hearing of the site as per the procedure laid down in the EIA Notification, 2006. It was also informed to the PP that a complaint is received from Gram Panchayat Jaderua vide letter dated 26/04/17 about the project thus NOC from Gram Panchayat / Tharav-Prastava should also be obtained and issues raised should be addressed during public hearing.

The case was presented by the PP and their consultant wherein following submission were made by the PP;

1. The proposed project is development of Common Bio-Medical Waste Treatment Facility at Khasra No. F-7, F-8, F-9 & F-10, IIDC (Industrial Infrastructure Development Centre) Jaderua, Morena district, Madhya Pradesh.
2. The proposed project has been designed to treat up to 5 tons of bio-medical waste per day with Incinerator- 5 TPD (250 kg/hr), Autoclave – 2 TPD (430 litres/batch) and Shredder-150 kg/hr with other facilities.
3. There are no ecological and otherwise sensitive areas viz. wildlife sanctuaries, national parks, archeological important areas within 10 km radius of the project site. There are no known rare, endangered or ecologically significant animal and plant species. Except for a few wild species of plants and grasses and a few animals that are very commonly spotted in any rural environment, the study area does not have any endangered or endemic species of animals. Due to the development of green belt at the project vicinity the impact on the ecology will be minimal.
4. The total water requirement for the proposed facility is 32 KLD. The primary source of water will be from IIDC Jaderua.
5. The wastewater generation will be 110 KLD and wastewater generated will be treated in in-house ETP of capacity 120 KLD.
6. The treated water shall be reused in APCDs, greenbelt, etc. The facility shall be developed as Zero Liquid Discharge (ZLD) system. No treated wastewater shall be let out of the premises of the proposed CBWTF.

7. A maximum of about 25 to 50 kilograms of solid waste will be generated per day. To prevent cross-contamination, solid waste generated within the premises shall be disposed of in incinerator. Otherwise, waste shall be segregated and disposed of as per MSW Rules, 2016.
8. Hazardous wastes generated in the facility include Incineration ash from Incinerator, ETP sludge from ETP process and used oil from the plant utility. Incineration ash and ETP sludge will be disposed of at TSDF facility located in Pithampur and Used oil will be sent to MPPCB approved authorized recyclers.
9. Storm water drains shall be provided throughout the facility taking topography into consideration. The storm water drains are connected to rain water collection chamber. The rain water thus collected shall be used for greenbelt, vehicle washing etc., after treatment, if necessary.
10. The facility shall be developed as Zero Liquid Discharge (ZLD) system. No treated wastewater shall be let out of the premises of the CBWTF.
11. No tree cutting is involved in the project. Reduction in usage of traditional light bulbs with Light Emitted Diode (LEDs) means reduction in usage energy consumption. Usage of Solar energy at different locations in the plant like parking light, roadside light etc. will be explored.
12. The green belt will be developed for the proposed project in an area of 1346 sq. m (33 %) of the total site area. Greenbelt will be developed all along the boundary and along the roads.

S. No	Description	
1	Area allocated	
	Along the Boundary	768 m ² (256m*3m)
	Along the Road	230 m ² (115m*2m)
	Open spaces	349 m ²
2	No. of Plants to be planted	
	Along the Boundary	50 Trees & 85 Shrubs
	Along the Road	55 Trees
	Open spaces	60 Trees & Shrubs
3	Plantation Schedule	
	Construction Phase – Along the Boundary	50 Trees & 85 Shrubs
	Operational Phase – Along the Road and Open spaces	55 Trees, 60 Trees & Shrubs
4	Budget Allocated	

	Capital Cost	Rs. 4 lakhs
	Recurring Cost	Rs. 1.2 lakhs

After the presentation, PP was asked to submit response on following:

1. The gap analysis study of private nursing homes and hospitals is reported in EIA on the basis of factor and it appears that actual gap analysis is not carried out. Thus committee asked PP to submit the actual gap analysis of private nursing homes and hospitals carried out during EIA study.
2. Socio economic data in chapter 3.10.5.2 needs to be resubmitted as discussed during presentation as per the studies conducted during EIA.
3. Revised list of plants for green belt as suggested by the committee.
4. The layout map should be submitted in A0 size map.
5. Revised CSR incorporating the suggestions made by the committee.
6. Copy of water supply commitment letter from AKVN.
7. Commitment of PP that it will be a zero liquid discharge unit.
8. A case is filed against the unit in the court of law and thus PP should submit the complete details and present status of this case.

PP vide letter dated 20/04/2018 and 09/05/2018 has submitted the query reply which was placed before the committee. Committee on perusal of query reply submitted by PP decided to call PP for query reply presentation in the subsequent meetings of the SEAC.

14. Complaint received from MoEF&CC, Regional Office, Bhopal vide letter no.10-2/2018 (ENV)/Vol.I/1586 dated 08/03/2018

MOEF & CC vide above referred letter has sent the copy of a complaint related to EC obtained by M/s. Anjaniya Industries, Plot no. 37/A, AKVNL Industrial Estate Meghnagar, Distt. Jhabua, M.P. The Ministry has direct to verify the distance of the said units from the interstate boundary and submit factual report at the earliest. On perusal of the complaint it was observed that the said industry has received EC from Impact Assessment Division, MoEF, New Delhi as considered Category "A" project on the basis of applicability of general conditions (located within 5 KM distance of the interstate boundary of Gujarat). The committee after deliberations recommends that the competent authority to verify the distance is district administration. Since this case is related to Meghnagar Industrial Area as unit established in IA, MPAKVN, Jhabua shall be asked to submit verified distance of said unit from the interstate boundary and submit factual report at

the earliest so that same can be forwarded to the MoEF&CC. Committee further recommends that till this report is submitted by the MPAKVN, Jhabua all the cases of EC lies within the Meghnagar IA shall be kept pending.

As per committee recommendations of the SEAC 309th meeting dated 23rd March 2018, a letter was sent to the Managing Director, Madhya Pradesh Audyogik Kendra Vikas Nigam Limited, Indore for providing aerial distance from M/s. Anjaniya Industries, Plot no. 37/A, AKVNL Industrial Estate Meghnagar, Distt. Jhabua to the interstate boundary (Gujarat State) through district administration.

M.P. Audyogik Kendra Vikas Nigam (Indre) Ltd., Indore vide letter no. AKVN/IND/TECH/2018/5695 dated 19.04.2018, has submitted the desired information which is been verified by district administration (SDO Revenue, Meghnagar) vide dispatch no. 617 dated 16/04/2018. As per verification of SDO Revenue, Meghnagar, the interstate distance of Meghnagar Industrial Area from Gujarat and Rajasthan state are as follows:

1	Distance of Industrial Estate Meghnagar to the Gujarat interstate boundary.	8.61 Kms.
2	Distance of Industrial Estate Meghnagar to the Rajasthan interstate boundary.	19.43 KMs.

Considering above verification report of SDO Revenue, Meghnagar committee observed that the interstate boundary of Gujarat is well beyond 5.0 Km from the Industrial Estate Meghnagar, Distt. Jhabua, M.P. and above report may be sent to MoEF&CC for onward necessary action with reference to their letter no. 10-2/2018 (ENV)/Vol.I/1586 dated 08/03/2018

(Dr. Mohd. Akram Khan)
Member

(Dr. Rubina Chaudhary)
Member

(Prashant Shrivastava)
Member

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

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

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

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

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

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

Annexure- 'D'

General conditions applicable for the granting of TOR

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

9. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
10. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
11. Grant of TOR does not mean grant of EC.
12. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
13. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
14. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
15. All the necessary NOC's duly verified by the competent authority should be annexed.
16. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
17. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
18. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
19. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
20. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
21. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
22. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.