

The 522nd meeting of the State Expert Appraisal Committee (SEAC) was held on 27th October, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

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

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

1. **Case No 8733/2021 M/s Jupiter Hospital Projects Private Limited, Shri Ankit Thakkar, Director, Ring Road, Near Teen Imli Square, Dist. Indore, MP - 452020 Prior Environment Clearance for Expansion in Hospital / Nursing Home [Total Land Area – 18071.09 sqm., Total Built up Area Existing – 42207.76 sqm., Total Built up Area Proposed – 44001.78 sqm.] at Khasra No. 89/1/1, 89/1/2, 90/1, 91/3, 97/2, 91/2, 89/1/3, 92/2/1, Village - Chitwad & Plot No. 2, Ring Road, Yojna No. 94, Sector-1, Tehsil & Dist. Indore, (MP). Env. Consultant: M/s Creative Enviro Services, Bhopal .**

This is case of Prior Environment Clearance for Expansion in Hospital / Nursing Home at Khasra No. 89/1/1, 89/1/2, 90/1, 91/3, 97/2, 91/2, 89/1/3, 92/2/1, Village - Chitwad & Plot No. 2, Ring Road, Yojna No. 94, Sector-1, Tehsil & Dist. Indore, (MP) Total Land Area – 18071.09 sqm., Total Built up Area Existing – 42207.76 sqm., Total Built up Area Proposed – 44001.78 sqm. Cat. 8(a) Building Construction Project.

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

2. **Case No 8734/2021 M/s ESIC Hospital, Shri Rajesh Singh, Authorized Signatory, 1378/11, ITI College, Main Road, Nanda Nagar, Dist. Indore, MP - 452011 Prior Environment Clearance for Construction of Hospital Building at Nanda Nagar, Dist. Indore, (MP) [Total Land Area – 45025.86 sqm., Total Built up Area– 61972.22 sqm.,] Env. Consultant: M/s. ENVISOLVE LLP, Indore.**

Prior Environment Clearance for Construction of Hospital Building at Khasra No. 1378/11, Nanda Nagar, Dist. Indore, (M.P.). Total Land Area – 45025.86 sqm., Total Built up Area– 61972.22 sqm., Cat. 8(a) Building Construction Project.

The case was presented by Env. Consultant Shri Shubham Dubey & Pradeep Chandanan from M/s. ENVISOLVE LLP, Indore and PP Shri Rajesh Singh Authorized Signatory, ESIC, Indore, wherein following details of the project were provided:

Project Proposal	Environmental Clearance for Proposed 500 bedded ESIC hospital by Employees' State Insurance(ESIC), Madhya Pradesh.
Total Plot Area	45,025.86 sq.mt
Total Built up Area	61,972.22 sq.mt
Location of Project	Proposed 500 Bedded ESIC Hospital At Nanda Nagar, Indore State: Madhya Pradesh.
Occupancy	In possession of Proponent
Geological Location	Latitude 22°44'53.95"N Longitude 75°52'45.26"E
Estimated Project Cost	INR 255 crores
Ground coverage	Permissible Ground coverage @30% = 13507.758 sq. mt. Proposed Ground coverage @23.27% = 10478.60 sq. mt.
Paved Area	14148.70 Sqm (31.42%)
Parking	Open parking-202 Cars, Basement parking- 348 Cars Total-550
Green Area	20398.56 Sqm (45.30%)
STP capacity	300 KLD
ETP capacity	100KLD

PARTICULARS	PROPOSED
Total Solid Waste	1093 kg/ day
Power Requirement	4635 KVA
DG set details	DG set of 500 KVA in 1 no. & 1010 KVA in 2 no.
Water Requirement in KLD	Total Water Requirement= 440 KLD Fresh water requirement= 259 KLD Fresh Water: 259 KLD Flushing: 127 KLD Sewage Gen: 334 KLD
Proposed number of Beds	500 Beds
Sump well & OH Tank STP & ETP Rainwater Harvesting Garbage Disposal Service Block (Substation, DG Set, etc.)	U G Sump – 200 KLD , Fire Fighting UG tank- 82 KL OHT- 138 KL, Fire Fighting OH tank- 40 KL STP-300 KLD & ETP- 100 KLD 3 No of RWH Pits Yes, as per norms Yes, as per norms
Width of Internal Road	6 MTS
Width of approach road	15 MTS
Front MoS/Rear MoS	12 MTS/9 MTS
Height of Building	30.6 MTS

Sl. No.	Land Use details	Area (Sq.m)
1.	Ground Coverage/Roof-top area	10,478.60
2.	Green Area	20,398.56
3.	Paved Area	14,148.70
Total (Sq. m)		45,025.86

LAND BREAK-UP DETAILS

Total land area	=	45,025.86 SQ.M.
Permissible ground coverage @ 30%	=	13,507.76 SQ.M.
Proposed ground coverage @ 23.27%	=	10,478.60 SQ.M.
Permissible FAR @ 1.5	=	67,538.79 SQ.M.
Proposed FAR	=	61,972.22 SQ.

During presentation PP submitted that this is a Central Government project designed for mandatory 03 stars GREHA (Green Rating for Integrated Habitat Assessment) rating. For this project total power requirement of project: 4635 KW out of this 500 Kw power produced by solar panels which is about 10.78 % of total power requirement. PP further stated that there are 103 no. of existing trees will be uprooted during the construction of this hospital for which permission from competent authority has been obtained. In compensation of these trees the extra plantation of 1030 nos. of trees will be planted in the northern area where green area development is proposed (20398.56 Sqm.) Committee deliberated that uprooting of fully grown 103 trees and planting 10 times (1030 trees) is a good proposal but lots of space is available in the northern side of the project site where landscaping is proposed and this area shall be developed as dense plantation which in future will serve as green lungs area of the city. Thus PP shall explore the possibility for carrying out high density plantation in this area. PP submitted that they agree with the suggestion of the committee and propose 20,000 plantations in this area using suitable plantation technique to carryout high density plantation through an expert agency and assure that they will submit a written commitment and propose commensurate budgetary allocations for this in EMP. For CER activities proposed in this project, PP submitted that being a Government project Corporate Environment Responsibility (CER) is not applicable. It was also suggested that near the northern side of the project, a drain is in existence thus PP shall ensure that there is no water logging during rainy season. PP submitted that in this area no construction is proposed and only green belt is planned and level difference is off 04 meters hence there is no chance of water logging. Committee after presentation and deliberation asked PP to submit response on following issues such as:

1. Bifurcation of waste water from origin source from STP & ETP.
2. Status of sewer line as 103 KLD waste water will be discharged in sewer line.
3. HW details and disposal wrt exhaust resin and used oil.
4. In p-35 conceptual plan – it is mentioned that ETP sludge will be disposed off through authorized recyclers, please justify the statement.
5. Comprehensive landscape plan with details of species.
6. Copy of application submitted to IMC, Indore for Fresh water, MSW and sewage discharge NOCs.
7. Copy of application applied for high rise building clearance to airport authority wrt building is not falling in the landing way of airways.
8. Revised details of ECS calculation.
9. Is any chance of water logging in the hospital premises wrt Nallah existing in the northern side?

10. Copy of NOC obtained from IMC for tree cutting.
11. Commitment for high density plantation in the open area (proposed landscape area) with appropriate fund in EMP.

PP vide letter dated 27.10.2021 has submitted the response on above quarries which was placed before the committee in the afternoon session. The query reply was discussed with PP and their consultant and the submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Development of 500 bedded ESIC hospital (Total Plot Area = 45025.86 sqm, Total Built up Area = 61972.22 sqm) at Village – Nanda Nagar, Tehsil - Indore, Dist. Indore, (MP), Cat. 8(a) subject to the following special conditions:

Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. PP shall obtain NOC from competent authority for high rise building and airport authority before any construction.
- v. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- vi. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- viii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.

- ix. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.
- x. The project area shall be secure through boundary wall and excavated top soil shall not be used in filling of low lying area. The top soil shall be used for greenery development.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF& CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 03 Diesel power generating sets 500 kVA *01 nos. & 1010 kVA* 02 nos. proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low Sulphur diesel.
- v. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- vi. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vii. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- viii. Wet jet shall be provided for grinding and stone cutting.
- ix. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- x. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.

- xi. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xii. The gaseous emission from DG sets 500 kVA *01 nos. & 1010 kVA* 02 nos. shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xiii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 440 KLD out of which 259 KLD is fresh water requirement and 334 KLD will be the total recycled water generated, out of which 127 KLD recycled water will be used for flushing and 54 KLD water will be used for horticulture.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be provided. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.

- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fire water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 03 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 222.67 m³/hr. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xv. All recharge should be limited to shallow aquifer.
- xvi. No ground water shall be used during construction phase of the project.
- xvii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xviii. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring report.
- xix. Sewage shall be treated in the MBBR based STP (Capacity - 300 KLD) & ETP (Capacity- 100 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.

- xx. The waste water generated from the project shall be treated in STP of 300 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxi. No sewage or untreated effluent water would be discharged through storm water drains.
- xxii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiii. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. For this project total power requirement of project: 4635 KW out of this 500 Kw power produced by solar panels which is about 10.78 % of total power requirement.
- iv. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- v. Energy Conservation measures like installation of CFLs/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- vi. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-laws requirement, which is higher.
- vii. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i. Total waste 1093 Kg/day, this consist all types of wastes (as Organic waste 655.8 Kg/day and non- organic waste 437.2 Kg/day), Inert waste 109.3 Kg/day, E- waste 360 Kg/Annum, and these all type of waste shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.

- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i. 103 no. of existing trees proposed to be uprooted during the construction of this hospital for which permission from competent authority has been obtained. In compensation of these trees the extra plantation of 1030 nos. of trees will be planted in the northern area where green area development is proposed. PP shall try utmost to save Neem trees.
- ii. Total 20,000 trees shall be planted in the area of 20398.56 m² (45.30 % of total plot area) which is developed as greenbelt development through Miyawaki Technique in the northern area where green area development is proposed .
- iii. No tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed in tree act for municipal area. Plantations to be ensured species (cut) to species (Planted).
- iv. A minimum of 1 tree for every 01 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- v. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- vi. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stock piled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points
 - d. Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 550 ECS (Basement parking 348 ECS and 202 ECS for open parking).
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may

be in the form of temporary structures to be removed after the completion of the project.

- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. EMP & Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. For Environment Management Plan PP has proposed Rs. 14.21 Cr as capital and Rs. 1.11 Cr as recurring cost for this project.

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).

- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

3. Case No 8707/2021 Smt. Sakshi Singh W/o Shri Amar Singh, House No. 15, DK Cottage Phase-2, E-8, Arera Colony, Dist. Bhopal, MP Prior Environment Clearance for Murrum Quarry in an area of 3.0 ha. (25,500 cum per annum) (Khasra No. 2P), Village - Mastipura, Tehsil - Huzur, Dist. Bhopal (MP), Env. Consultant- M/s. Aseries Envirotek India Pvt. Ltd. Noida, UP.

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2P), Village - Mastipura, Tehsil - Huzur, Dist. Bhopal (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R. K Pandey from M/s. Aseries Envirotek India Pvt. Ltd. Noida, U.P on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-ptara) letter No. 2559 dated 19/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 6.900 ha., including this mine. PP submits that since it is a Murrum Quarry no blasting is proposed. Mining shall be done through Opencast Semi Mechanized Method. As per Google image based on online KML file uploaded by PP, it was observed that Google image is opening at Pithampur, while location of the project is near Bhopal for which PP submitted that by mistake wrong KML file is attached by them and necessary precaution will be taken in future so that correct location is uploaded online and presenting the case as per co-ordinates provided in mine plan. Within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachhi Road	Within road	-	PP submitted this area shall be dealt as no mining area.
Trees	Within lease	-	Trees management plan

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

1. Kachhi Road existing within lease thus its protection plan and proposal for non-mining area as per the rules shall be proposed in the EIA report.
2. Protection plan with proposal of three rows of plantation towards road side should be discussed in EIA report.
3. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

4. Case No 8708/2021 Shri Amar Singh S/o Shri Jitendra Singh, H.No. 15, D.K.Cottage Phase-2, E-8, Arera Colony, Dist. Bhopal, MP - 462003 Prior Environment Clearance for Murrum Quarry in an area of 3.90 ha. (30100 cum per annum) (Khasra No. 2P), Village - Mastipura, Tehsil - Huzur, Dist. Bhopal (MP) Env. Consultant- M/s. Aseries Envirotek India Pvt. Ltd. Noida, UP .

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2P), Village - Mastipura, Tehsil - Huzur, Dist. Bhopal (MP) 3.90 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R. K Pandey from M/s. Aseries Envirotek India Pvt. Ltd. Noida, U.P on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate,

MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-ptara) letter No. 2560 dated 21/8/21 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 6.900 ha., including this mine. PP submits that since it is a Murrum Quarry no blasting is proposed. Mining shall be done through Opencast Semi Mechanized Method. As per Google image based on online KML file uploaded by PP, it was observed that Google image is opening at Pithampur, while location of the project is near Bhopal for which PP submitted that by mistake wrong KML file is attached by them and necessary precaution will be taken in future so that correct location is uploaded online and presenting the case as per co-ordinates provided in mine plan. After deliberation committee decided that being it is a case of cluster of more than 5.0 ha. area therefore, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
2. Transportation plan & traffic management plan should be discussed in the EIA report.
3. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

5. Case No 8718/2021 Smt. Laxmi Sahu, R/o Galla Mandi, Tehsil - Keolari, Dist. Seoni, MP - 480994 Prior Environment Clearance for Stone Quarry in an area of 3.93 ha. (103544 cum per annum) (Khasra No. 100, 101/1, 101/2, 105/2, 106), Village - Dungariya, Tehsil - Seoni, Dist. Seoni (MP). Env. Consul. M/s. Aseries Envirotek India Pvt. Ltd. Noida, UP.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 100, 101/1, 101/2, 105/2, 106), Village - Dungariya, Tehsil - Seoni, Dist. Seoni (MP) 3.93 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R. K Pandey from M/s. Aseries Envirotek India Pvt. Ltd. Noida, U.P on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 457 dated 12/8/21 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 12.53 ha., including this mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	within lease	South & south - east,	Detailed management plan shall be submitted with EIA report.
Road	490	South-east	Protection plan with three rows of Plantation towards road side.
Human settlement	600	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

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

1. Some trees within the lease for which detailed management plan shall be submitted with EIA report.
2. Proposal of grazing land development in the north side of the lease where soil working is observed with consent of gram panchayat to be submitted in with the EIA report.
3. Protection plan with proposal of three rows of plantation towards road side should be discussed in EIA report.
4. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.

5. Transportation plan & traffic management plan should be discussed in the EIA report.
6. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

6. Case No 8719/2021 Shri Jatin Uppal, Near to Haridas Temple, Uppal Sadan, Tehsil & Dist. Tikamgarh, MP - 472001 Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (40000 cum per annum) (Khasra No. 261/2), Village - Srinagar Bhata, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) M/s. Aseries Envirotek India Pvt. Ltd. Noida, UP.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 261/2), Village - Srinagar Bhata, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R. K Pandey from M/s. Aseries Envirotek India Pvt. Ltd. Noida, U.P on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1999 dated 07/9/21 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 11.0 ha., including this mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
04Trees	within lease	South & south - east,	Detailed management plan shall be submitted with EIA report.
Road	250	South-west	Protection plan with three rows of Plantation towards road side.

After deliberation committee decided that being it is a case of cluster of more than 5.0 ha. area therefore, committee recommended to issue standard TOR prescribed by the

MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Protection plan with proposal of three rows of plantation towards road side should be discussed in EIA report.
2. Some trees within the lease for which detailed management plan shall be submitted with EIA report.
3. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Hydro- geological study should be carried out if any ground water intersection is proposed.
6. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

7. Case No 8720/2021Shri Neeraj Agrawal, Near Kidzee School, Indrapuri Colony, Tehsil & Dist. Tikamgarh, MP - 472001 Prior Environment Clearance for Stone Quarry in an area of 1.90 ha. (15000 cum per annum) (Khasra No. 236/1 Part), Village - Srinagar Bhata, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) M/s. Aseries Envirotek India Pvt. Ltd. Noida, UP .

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 236/1 Part), Village - Srinagar Bhata, Tehsil - Tikamgarh, Dist. Tikamgarh (MP) 1.90 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R. K Pandey from M/s. Aseries Envirotek India Pvt. Ltd. Noida, U.P on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 1934 dated 16/8/21 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 13.90

ha., including this mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Road	20	South-west	Protection plan with three rows of Plantation towards road side.
Water body	700	South-west	Provision of Garland drain & settling tanks.

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

1. Protection plan with proposal of three rows of plantation towards road side should be discussed in EIA report.
2. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Hydro- geological study should be carried out if any ground water intersection is proposed.
5. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

8. Case No 8726/2021 Shri Sandeep Sood S/o Late Shri Satyapal Sood, H.No. 37, Rohit Nagar, Phase-I, Bawadiya Kalan, Dist. Bhopal, MP - 462026 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (3040 cum per annum) (Khasra No. 267, 270), Village - Malikhedi, Tehsil - Huzur, Dist. Bhopal (MP) M/s. Aseries Envirotek India Pvt. Ltd. Noida, UP .

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 267, 270), Village - Malikhedi, Tehsil - Huzur, Dist. Bhopal (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R. K Pandey from M/s. Aseries Envirotek India Pvt. Ltd. Noida, U.P on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-ptara) letter No. 2421 dated 06/8/21 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 23.800 ha., including this mine. As per Google image based on online KML file uploaded by PP it was observed that, crusher is already installed within lease area and part of mine is filled with water. Committee deliberated that very less effective area is available for mining for which PP submitted that the part of lease on eastern side will not be mined out and mining will be carried out from the western side of the lease where crusher is installed. The crusher will be shifted on the other side of the lease and since the sanctioned production volume is only 3040 cum/year, same can be mined out from the available area. Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	18	West	Protection plan with three rows of Plantation towards road side.

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

1. It is observed that due to already excavated area and installation of crusher within the sanctioned mine, safe and feasible mining is not possible thus PP shall explain wherefrom the stone mining will be carried out in EIA report.
2. Part of mine is filled with water hence, discuss mine de-watering plan in the EIA report,
3. Protection plan with proposal of three rows of plantation towards road side should be discussed in EIA report.
4. Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.

5. Hydro- geological study should be carried out if any ground water intersection is proposed.
6. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

9. Case No 8731/2021 Shri Rajkumar Jaiswal S/o Shri Mahesh Jaiswal, Liza Talkies Chouraha, Tehsil & Dist. Sehore, MP - 466001 Prior Environment Clearance for Stone Quarry in an area of 2.90 ha. (20001 cum per annum) (Khasra No. 401/1), Village - Rafiqueganj, Tehsil - Sehore, Dist. Sehore (MP) M/s. Aseries Envirotek India Pvt. Ltd. Noida, UP .

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 401/1), Village - Rafiqueganj, Tehsil - Sehore, Dist. Sehore (MP) 2.90 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Dr. R. K Pandey from M/s. Aseries Envirotek India Pvt. Ltd. Noida, U.P on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-ptara) letter No. 2343 dated 08/9/21 has reported that there are 16 more mines operating or proposed within 500 meters around the said mine with total area of 45.821 ha., including this mine. After deliberation committee decided that being it is a case of cluster of more than 5.0 ha. area therefore, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Transportation plan & traffic management plan should be discussed in the EIA report.

3. Hydro- geological study should be carried out if any ground water intersection is proposed.
4. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled “Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

10. Case No 8710/2021 Shri Balu Singh Chauhan S/o Shri Gulab Singh Chauhan, Village - Jamali,, Tehsil - Barode, Dist. Agar Malwa, MP -465550 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (11970 cum per annum) (Khasra No. 995), Village - Jamali, Tehsil - Barode, Dist. Agar Malwa (MP) . EIA Consultant: Green Circle INC.Vadodara (Guj.)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 995), Village - Jamali, Tehsil - Barode, Dist. Agar Malwa (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Consultant Shri Ram Raghav Soni from M/s. Green Circle INC., Vadodara (Guj.) behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-ptara) letter No. 998 dated 17/9/21 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.0 ha., including this mine. During presentation it was informed to the PP that they have not uploaded the summery of the project for which PP submitted that by mistake it has escape and they have attached the summery with the presentation along with the consultant accreditation certificate. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	60	west	Protection plan with three rows of Plantation towards road side.

Human settlement	300	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
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After deliberation committee decided that being it is a case of cluster of more than 5.0 ha., area therefore, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Protection plan with proposal of three rows of plantation towards road side should be discussed in EIA report.
2. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Hydro- geological study should be carried out if any ground water intersection is proposed.
5. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

11. Case No 8705/2021 Badgaon Stone Query, Badgaon Tehsil - Baihar, Dist. Katni, MP Prior Environment Clearance for Stone Quarry in an area of 4.88 ha. (109414 cum per annum) (Khasra No. 210/1 क, 210/1ख, 210/1 ग, 210/2क, 210/2ख, 210/2ग, 210/3 210/4, 210/5, 210/6, 210/7, 211/1 क, 211/2, 212, 215/2, 215/3, 216), Village - Badagaon, Tehsil - Barhi, Dist. Katni (MP). Env. Consl.:- M/S CIMFR, Dhanbad.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 210/1 क, 210/1ख, 210/1 ग, 210/2क, 210/2ख, 210/2ग, 210/3 210/4, 210/5, 210/6, 210/7, 211/1 क, 211/2, 212, 215/2, 215/3, 216), Village - Badagaon, Tehsil - Barhi, Dist. Katni (MP) 4.88 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by from Env. Consul. Shri Rakesh Choubey, from M/s. CIMFR, Dhanbad. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project

before the committee. It was observed by Committee that as per Collector Office (Ekal Praman-ptara) letter No. 1830- dated 21.06.2021 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 25.62 ha., including this mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	30	South-west	Proposal of 20 m set back and Protection plan with three rows of Plantation towards road side.
Water body	700	South-west	Provision of Garland drain & settling tanks.

ring presentation it was informed to the PP that irrelevant project summery is uploaded online for which PP submitted that by mistake summery of other project is uploaded and now submitting revised brief summary of the project with the presentation. After deliberation committee decided that being it is a case of cluster of more than 5.0 ha. area therefore, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Proposal of 20 m set back and Protection plan with proposal of three rows of plantation towards road side should be discussed in EIA report.
2. No. of mines existing within 500 m thus cumulative load shall be assessed and to be discussed in the EIA report.
3. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
4. Hydro- geological study should be carried out if any ground water intersection is proposed.
5. The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", and shall be discussed in the EIA report.

12. Case No 8730/2021 M/s Sunny Paint & Tar Products, 12-A, Sector-C, Industrial Area, Sanwer Road, Dist. Indore, MP Prior Environment Clearance for "Expansion of Paint & Varnishes Manufacutring Plant" at A/72, Sector-C, Industrial Area, Sanwer Road, Indore (MP). Env. Consl.:- M/s. Gurung Environment Solutions Pvt. Ltd Jaipur, Raj.

Prior Environment Clearance for "Expansion of Paint & Varnishes Manufacutring Plant" at A/72, Sector-C, Industrial Area, Sanwer Road, Indore (MP) Cat. 5(f) Synthetic organic chemicals industry. The proposed project falls under item no 5(f) i.e. Synthetic organic chemicals hence requires prior EC from SEIAA before initiation of activity at site.

The case was presented by the PP Shri Sunny Dhamija and their Env. Consultant M/s. Mr. Kapil Singh M/s. Gurung Environment Solutions Pvt. Ltd. Jaipur wherein PP sated following salient features and other details of the project .

M/s Sunny Paint & Tar Products (An ISO Certified Company) was established in the year of 1989. Company is leading Manufacturer of an extensive array of, Oil Alkyds Resins, Thermosetting Acrylic Resins, Amino Resins, Rosin Derivatives, Polyamide Resin, Amino Resins, etc. Sunny Paint have a sound infrastructure, which helps in the smooth and systematic execution of all production related tasks. It is equipped with advanced machinery and cutting-edge technology that ensures swift rate of production. Plant has a state-of-the-art infrastructure that is fully equipped with the world class amenities providing with a resourceful environment. One of the units of Sunny Paint is in Indore, MP. Indore unit is located at A/72, Sector-C, Industrial Area, Sanwer Road, Indore, Madhya Pradesh-452001 in an area of 1394 sqm. It is an operational unit engaged in Manufacturing of different kind of Paint, Tar and Varnishes. The unit is only for formulation. Unit has valid consent to operate issued by MPPCB vide Consent no. AWH86616 valid upto 31.12.2021. Being a formulation unit, environmental clearance is not applicable to the existing unit.

The project of M/s Sunny Paint & Tar Products located in Plot No. A/72, Sector-C, Industrial Area, Sanwer Road, Indore, Madhya Pradesh- 452001 for manufacturing of 10,000 MT of synthetic resin (Alkyd Resin & Maleic/Phenolic Resin) with existing formulation unit. The unit configuration and capacity of existing project is given as below

Sl.No.	Name	Existing Units		Proposed Units		Total (Existing +Proposed)	
		Configuration	Production	Configuration	Production	Configuration	Production

			(TPA)_		(TPA)		(TPA)
1	Bitumen Primer	-	105	-	0	-	105
2	Ceiling Compound	-	105	-	0	-	105
3	Distemper Dry and Oil Bound	-	60	-	0	-	60
4	Enamel Road Marking, Black Japan, Red Oxide	-	30	-	2970	-	3000
5	Expansion Joint Filler Board	-	3000	-	0	-	3000
6	French Polish	-	6	-	0	-	6
7	Tareelt	-	24000	-	0	-	24000
8	Varnish Terfaintine	-	12	-	0	-	12
9	Resin	-	0	-	10000	-	10000

The details of the raw material requirement for the proposed project/ expansion cum proposed project along with its source and mode of transportation is given as below:

Sr. No.	Name of Raw Materials	Quantity (MT/MT)
1	<i>Alkyd Resin</i>	
1	Rosin Oil	0.4
2	Pentaerythritol	0.084
3	Glycerine	0.079
4	Phthalic Anhydride	0.205
5	Maleic Anhydride	0.018
6	Benzoic acid	0.011
7	Caustic Soda	0.001
8	Triphenyl Phosphate	0.001
9	Hypo Phosphorous Acid	0.001
10	Xylene	0.02
11	MTO	0.22
2	<i>Maleic/Phenolic Resin</i>	
1	Rosin	0.833

2	Pentaerythritol	0.05
3	Glycerine	0.056
4	Bisphenol	0.056
5	Paraformaldehyde	0.039
6	Triphenyl Phosphate	0.001
7	Maleic Anhydride/Phenol	0.077

The water requirement for the project after expansion is estimated as 12 KLD, out of which 12 KLD of freshwater requirement will be obtained from the private tankers.

- The power requirement for the project is estimated as 125 HP MW which will be obtained from Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Limited (MPPKVVCL).
- The cost of the project is Rs 1.54 Crores. The employment generation from the project is 60 no.
- Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished - Not Applicable
- Name of the EIA consultant: M/s Gaurang Environmental Solutions Pvt. Ltd. [S.No. 111; List of ACOs with their Certificate No. NABET/EIA/2023/RA0192 (Valid till 19.01.2023).

During presentation PP submitted that they are seeking EC for Resin and their other products are non EC products. After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with along with following additional TORs as annexed in annexure-D:

1. Justify the expansion wrt to plant area of 1394 SQM and existing and proposed facility to be depicted on layout map on suitable scale.
2. Plant layout with legible labeling of each facility and area should be provided on A3 size paper.
3. Explore the possibility of getting water supply through IMC in place of water tankers.
4. Compliance of CTO duly authenticated by Regional Officer, MP Pollution Control Board.
5. Explore the possibility of clean fuel for boiler, discuss if any additional boiler is required.
6. Current status of HW and Fly ash management & disposal plan is to be submitted in the EIA report

7. MSDS of all chemicals (reactants, products and intermediates) should be provided with the EIA report.
8. Current status and disposal of HW & fly ash management plan is to be submitted in the EIA report.
9. Submit mass balance with chemical commercial and common names.
10. Percentage of Solvent recovery if any.
11. PP should explore possibility of using Bio-fuel based technology in boilers.
12. Chemical storage plan as per their compatibility and storage area containment plan shall be discussed in the EIA report.

13. Case No 8725/2021M/s Arihant Fertilizer & Chemicals India Ltd, Village - Kanawati, Mhow-Nasirabad Road, Dist. Neemuch, MP Prior Environment Clearance for Expansion of Single Super Phosphate Fertilizer Unit (SSP, GSSP Plant) at Kanawati, Mhow-Nasirabad Road, Dist. Neemuch (MP) [with expansion capacity as SSP from 66,000 TPA to 1,80,000 TPA, ASSP from 66,000 TPA to 1,80,000 TPA], Cat. – 5(a) Chemical fertilizers Projects.

This is a case of Prior Environment Clearance for Expansion of Single Super Phosphate Fertilizer Unit (SSP, GSSP Plant) at Kanawati, Mhow-Nasirabad Road, Dist. Neemuch (MP) Cat. – 5(a) Chemical fertilizers Projects. The proposed expansion is planned at the unutilized land within the existing premises at Kanawati Plant (M.P.)

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

14. Case No 8732/2021 Shri Kanhaiyalal Parmar S/o Shri Bherulal Parmar, Ward No. 4, Kanad Agar, Dist. Agar Malwa, MP - 456441 Prior Environment Clearance for Stone Quarry in an area of 1.767 ha. (10104 cum per annum) (Khasra No. 142/1), Village - Arniya, Tehsil - Agar, Dist. Agar Malwa (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 142/1), Village - Arniya, Tehsil - Agar, Dist. Agar Malwa (MP). 1.767 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make

any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

15. Case No 8711/2021 Shri Suresh Kumar Uike S/o Shri Bhullu Uike, Village - Kaudiyamal, Tehsil - Chhapara, Dist. Seoni, MP - 480884 Prior Environment Clearance for Stone Quarry in an area of 1.40 ha. (4999 cum per annum) (Khasra No. 264 Part), Village - Payli, Tehsil - Chhapara, Dist. Seoni (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 264 Part), Village - Payli, Tehsil - Chhapara, Dist. Seoni (MP) 1.40 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Shirish Deulkar on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 695 dated 05/11/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP it was observed that the around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Canal	150	NW	Provision of Garland drain & settling tanks.
Road	50	South	Controlled blasting with arrangements of sand bags and three rows of Plantation in this side.
Human settlement	410 & 470	NE & NW	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation committee asked PP to submit revised plantation scheme as suggested by the committee. PP has submitted the response of above quarries same date vide letter dated 27.10.2021 which was placed before the committee and the same found

satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 4999 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs.18.725 Lakh as capital and Rs. 3.74 Lakh/year.
3. As proposed, a minimum of 1680 trees shall be planted as per the submitted plantation scheme and under CSR Rs. 1.150 Lakh/years is proposed.

16. Case No 8729/2021 Shri Tanuj Vohra S/o Shri Pukhraj Vohra, Jain Mandir Road, Kila Ashta, Dist. Sehore, MP Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (5001 cum per annum) (Khasra No. 52/9), Village - Ahmadpur, Tehsil - Ashta, Dist. Sehore (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 52/9), Village - Ahmadpur, Tehsil - Ashta, Dist. Sehore (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Shirish Deulkar on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 2660 dated 5/10/21 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP it was observed by committee that 03 mine are in existence within 500 meters however, M.O. stated that no mine operating or proposed within 500 meters. Hence, PP was asked to submit M.O. clarification regarding other mines appearing within 500 meters as per Google image for further consideration of this case.

17. Case No 6948/2020 Ku. Meenal Solanki D/o Shree Hirendra Singh, R/o 97, Ward No. 7, Bada Rawla, Tehsil - Alote, Dist. Ratlam, MP Prior Environment Clearance for Stone Quarry and Sealable Murrum in an area of 2.0 ha. (Stone - 3395 cum per annum, Saleable Murrum - 1750 cum per annum) (Khasra No. 4), Village - Khamariya, Tehsil – Alote, Dist. Ratlam (MP). EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Stone Quarry and Sealable Murrum. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 4), Village - Khamariya, Tehsil - Alote, Dist. Ratlam (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 3095 dated: 28/3/2019 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 13.620 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 433rd SEAC dated 19/05/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 6/7/21 which was forwarded through SEIAA vide letter no. 1402 dated 12/07/21 and the same was scheduled in the agenda. PP and their consultant presented the EIA before the committee in the 504th SEAC meeting dated 23.07.2021. During presentation, PP submitted that there are 06 more mines operating or proposed within 500 meters radius around this mine with total area of 16.0 ha., hence , EIA and public hearing is conducted after obtaining TOR. It was observed that as per Google image based on coordinates provided by PP, that a seasonal surface runoff drain is in existence at a distance of approx. 20m in the southeast side and a pucca road in the west side at a distance of approx. 400 m in the west side of the lease. PP submitted that garland drain and settling tank are proposed and only settled water will be allowed to drain out of lease. PP further submitted that total 2400 no. of trees of native species is proposed in the plantation scheme. Committee observed that a concern is raised in public hearing for nearby Navodaya School regarding pollution from mining activities for which PP was asked to submit detailed plan and committee suggested that dense plantation shall be developed along

the boundary of the school to protect from dust (preferably using “Miyawaki Technique”). Committee further suggested that proposed plantation shall be completed in the initial three years of mining operations. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP and are not in line with the details provided in the EIA report. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. 07.1 “why complete details of public hearing are not uploaded on the web site”, please justify.
2. In point no. 13.1 details are wrongly mentioned, please revise.
3. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
4. In point no. 17- please provide relevant information for solid waste generation/management.
5. In point no. 19- No power supply, please justify the statement.
6. In point no. 32- why detailed green belt plan is not attached.
7. In point no. 35 (10) -18 million cubic meters top soil mentioned, please justify.
8. Properly address following issues raised during public hearing with plan/proposal:
 - Provision of Silent Blasting.
 - Issue rose for Navodaya School regarding pollution from mining activities.
 - Tree plantation at public places and in school premises with adequate protection measures.
 - Proposal for fruit/fodder bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages.
 - Provision of water sprinkling for dust suppression.
 - Provision of Curtain wall for dust suppression.
9. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.

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

PP vide their letter dated 10/08/2021 uploaded online query reply on “Parivesh Portal” and submitted hard copy. The point wise query reply (raised in the 504th SEAC meeting dated 23.07.2021) was presented by consultant Mr. Amar Singh Yadav, M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P., authorized by PP. During presentation PP submitted that they made necessary corrections in the proposal/documents and submitted desired information. The EMP and other submissions made by the PP were found satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production as per approved mine plan with quantity not exceeding for Stone 3395 cum per annum, Murum 1750 cum per annum .
2. A budgetary provision for Environmental management Plan of Rs. 16.40 Lakh as capital and Rs. 4.445 Lakh/year as recurring has proposed by PP.

3. As proposed, a minimum of 833 trees /year shall be planted within three years in barrier zone, evacuation road, and village as per the submitted plantation scheme.

The case was discussed in 685th Meeting of SEIAA dated 14/9/21 and it has been recorded that. After detailed discussion it was observed that EIA submitted by PP/Consultant have following shortcomings.

- The Khasra number and Name of PP in all the attached Quality Test Report (Air, Water, Soil and Noise) is different than that of proposed mine as part of EIA report prepared by the consultant authorizes by PP.
- Issues raised by local villagers during the public hearing should be checked properly and shall be addressed under EC conditions.

In context to above it is decided to send the case along with technical file to SEAC for re-appraisal. As per the above decision you are requested to re-appraisal the case.

In this meeting the case was scheduled for PP reply w.r.t. concern raised by SEIAA in the 685th Meeting dated 14/9/21. The matter was discussed wherein PP submitted that:

- Regarding the khasra number and the name of PP in all the attached Quality Test Report (Air, Water, Soil and Noise) is different than that of proposed mine as part of EIA Report Prepared by the consultant authorized by PP:
 - We had applied R. K. Stone company (Case no. 6769) for obtaining TOR. Monitoring period has been taken Dec.2019-Feb.2020 to generate baseline data of 10km radius to cover all expected impacts of Air, Water, Soil and Noise. Total 09 sampling locations (including T-point) has been taken for Air and Noise monitoring, which is shown in Google image as an annexure -1. Total 07 sampling location has been taken for soil and ground water and 02 sampling locations for surface water. R. K. Stone falls within 500m radius of Meenal Solanki (as shown in Google image) so we had consider same baseline data for Meenal Solanki also. (As per MoEF&CC OM dated 29/0817) This baseline data has covers expected impacts within the study area (10km radius). However, due to oversight, same has not been mentioned in the submitted EIA/EMP reports of Meenal Solanki that due to cluster situation monitoring data obtained for R K stone are mentioned in this

EIA. PP further submitted that this is the common practice adopted by all the consultants in the monitoring of cluster situation to save time and efforts.

- Issues Raised by local villagers during the public hearing should be checked properly and shall be addressed under EC Conditions.

PP replied that Issues Raised by local villagers during the public hearing were properly addressed in EIA/EMP reports (Refer to page no. 123 of EIA report) and further detailed out in the query reply submitted to SEAC in out letter dated 10/08/21.

Committee after presentation discussed on the issue and agrees with the reply submitted by PP. Committee further observed that issues raised in the public hearing were discussed in length and as desired by committee, PP submitted response vide letter dated 10/08/21. The committee also deliberate that at the time of EIA appraisal issue raised in public hearing are discussed in length and PP is asked to incorporate relevant suggestions/recommendations made during public hearing in the CER. In this case as per the query made in the 504th SEAC meeting dated 23-07-21 PP has submitted reply which was discussed in the 510th SEAC meeting dated 25-08-21 and found satisfactory & acceptable. Hence the committee after deliberations decided to stand by its earlier recommendation made in 510th SEAC meeting dated 25-08-21.

18. Case No 7946/2020 Shri Malkhan Singh S/o Shri Sangram Singh, R/o Gambhir Road, Khedipura, Tehsil - Khirkiya, Dist. Harda, MP - 461441 Prior Environment Clearance for Stone Quarry in an area of 3.0 ha. (22,148 cum per annum) (Khasra No. 509), Village - Choukadi, Tehsil - Khirkiya, Dist. Harda (MP). EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 509), Village - Choukadi, Tehsil - Khirkiya, Dist. Harda (MP) 3.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1121 dated: 06/10/2020

has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 13.997 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 469th SEAC dated 17/12/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 6/7/21 which was forwarded through SEIAA vide letter no. 1392 dated 12/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee in the 504th SEAC meeting dated 23.07.2021. During presentation, PP submitted that there are 04 more mines operating or proposed within 500 meters radius around this mine with total area of 13.997 ha. Hence, EIA and public hearing is conducted after obtaining TOR. It was further observed that as per Google image based on coordinates provided by PP that a habitation located at >500 meter distance in the south-west direction of the lease. As per Google image it was also observed by committee that in the QL area agriculture practice were in progress and thus PP was asked to submit soil profile analysis of the lease area. Committee instructed PP that as main issues rose during public hearing such as blasting issue, dust pollution, mine water discharge, improper road etc shall be addressed properly. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP and are not in line with the details provided in the EIA report. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in Form-II, such as:

1. In point no. 07.1 “why complete minutes of public hearing are not uploaded on the web site”, please justify.
2. In point no. 13.1 details are wrongly mentioned, please revise.
3. In point no. 16- When manpower (permanent/temporary) is proposed in point no. 31, then how the waste water volume will be “Zero”.
4. In point no. 17- please provide relevant information for solid waste generation/management.
5. In point no. 35 (9 & 10) – 45,000 million cubic meters OB & top soil mentioned, please justify.
6. Properly address following issues raised during public hearing with plan/proposal:
 - Blasting issue with PPV study.
 - Proposal for tree plantation at public places and nearby school.

- Proposal for fruit/fodder bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages.
 - Provision of water sprinkling for dust suppression.
 - Provision of Curtain wall for dust suppression.
 - Mine water discharge and poor road conditions.
7. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
 8. Patwari's report about the agricultural practices being carried out on this lease area during last 05 years.
 9. Proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to mine workers under CER.
 10. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
 11. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
 12. Commitment that dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique") in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
 13. PP's commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
 14. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 06/08/2021 submitted query reply hard copy as well as on Ministry's Parivesh Portal. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for

grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production as per approved mine plan with quantity not exceeding for Stone 22,148 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.55 Lakh as capital and Rs. 5.55 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 1200 trees /year shall be planted within three years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. All plantation in village shall be uploaded on "Vayudoot app" under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers .

The case was discussed in 685th Meeting of SEIAA dated 14/9/21 and it has been recorded that. After detailed discussion it was observed that EIA submitted by PP/Consultant have following shortcomings.

- The Khasra number and Name of PP in the attached Quality Test Report (Air, Water, Soil and Noise) is different than that of proposed mine as part of EIA report prepared and submitted by the consultant authorizes by PP.
- All issues raised during the public hearing should be checked properly in respect of all three sanctioned lease (Case no. 7944 and 7945) included in the cluster have to be clubbed & replied together and address in EC condition.
- In such case details of mine owned or being operated by the same owner should be collected and compliance to EC/MPPCB consent conditions shall be reviewed.
- Details of Land ownership/agreement and consent with private land owner shall also be reviewed.

In context to above it is decided to send the case along with technical file to SEAC for re-appraisal. As per the above decision you are requested to re-appraisal the case.

In this meeting the case was scheduled for PP reply w.r.t. concern raised by SEIAA in the 685th Meeting dated 14/9/21. The matter was discussed wherein PP submitted that following points area as:

- Regarding the khasra number and the name of PP in all the attached Quality Test Report (Air, Water, Soil and Noise) is different than that of proposed mine

as part of EIA Report Prepared by the consultant authorized by PP: PP submitted that due to cluster situation, We have consider one monitoring location within 500m radius i.e (Dilip Kaushal of Khasra No 555/1, Area 1.547 ha.). Monitoring period has been taken from Oct.2020-Dec.2020 to generate baseline data within 10km radius to cover all expected impacts of Air, Water, Soil and Noise. Total 10 sampling locations (including T-point) has been taken for Air and Noise, which is shown in Google image. Total 08 sampling location has been taken for soil and ground water, and 02 sampling locations for surface water. Lease area of Malkhan Singh falls within 500m radius of Dilip Kaushal (as shown in Google image given in Next Slide) which represents same baseline data for Malkhan Singh. This baseline data has covered all expected impacts within the study area (10km radius). Due to typographical error, we are unable to write this cluster information and consideration of Dilip Kaushal monitoring data in the EIA/EMP reports of Malkhan Singh.

- During discussion PP submitted that in all the cases of cluster, common monitoring locations are selected to find out the concentration of various pollutants in given area and based on the findings through modeling predict GLC and its mitigation plan. Cases number 7946/20, 7944/20 and 7945/20 are located within 500 meters of each other and thus considering cluster situation 10 sampling locations for air quality monitoring were selected in core and buffer zone to obtain air quality of the study area. However, its mistake on our part that we have not mentioned this situation in our EIA reports. PP further submitted that this is the common practice adopted by all the consultants in the monitoring of cluster situation to save time and efforts.
- All issue raised during the Public Hearing should be checked properly in respect of all three sanctioned lease (Case No.- 7945 and 7946) included in the cluster have to be clubbed & replied together and address in EC conditions-. PP replied Issues Raised by local villagers during the public hearing are checked properly and addressed in EIA/EMP reports (Refer to page no. 115 to 127 of EIA report) and PH was conducted separately by Regional Office, MPPCB on same day at different time, that's why we had considered separate public hearing proceedings for each case.
- In such cases details of mines owned or being operated by the same owner should be collected and compliance shall also be reviewed. - PP has one more operational mine. Compliance report along with receiving copy is attached herewith (Annexure-2).

- Details of Land ownership/agreement and consent with private land owner shall also be reviewed. - Consent letter of land owner was already submitted at the time of application submitted in SEIAA with hard copy.

Committee after presentation discussed on the issue and agrees with the reply submitted by PP. Committee further observed that issues raised in the public hearing were discussed in length and as desired by committee, PP submitted response vide letter dated 06/08/21. The committee also deliberate that at the time of EIA appraisal issue raised in public hearing are discussed in length and PP is asked to incorporate relevant suggestions/recommendations made during public hearing in the CER. For seeking compliance status of EC/CTO of other mines owned by the same owner, SEIAA may issue an OM so that at the time of granting TOR this condition shall be stipulated in all B1 categories of cases and in case of B2 projects, PP has to upload this information at the time of making application for EC. In the present scenario as per MoEF&CC OM, compliance of previous EC conditions is sought by SEAC only in the cases of expansion. In this case as per the query made in the 504th SEAC meeting dated 23-07-21 PP has submitted reply which was discussed in the 510th SEAC meeting dated 25-08-21 and found satisfactory & acceptable. Hence the committee after deliberations decided to stand by its earlier recommendation made in 510th SEAC meeting dated 25-08-21.

19. Case No 7944/2020 Shri Dilip Koushal S/o Shri Lekhram Koushal, Ward No. 5, Gomukh Road, Khirkiya, Dist. Harda Prior Environment Clearance for Stone Quarry in an area of 1.547 ha. (11,878 cum per annum) (Khasra No. 555/1), Village - Choukadi, Tehsil - Khirkiya, Dist. Harda (MP). EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 555/1), Village - Choukadi, Tehsil - Khirkiya, Dist. Harda (MP) 1.547 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 129 dated: 23/5/2020 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 18.097 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 469th SEAC dated 17/12/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 06/7/21 which was forwarded through SEIAA vide letter no. 1400 dated 12/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee in the 504th SEAC meeting dated 23.07.2021. During presentation, PP submitted this is a green field project and there are 05 more mines operating or proposed within 500 meters radius around this mine with total area of 18.097 ha. hence, EIA and public hearing is conducted after obtaining TOR. PP submitted that mining will be done by opencast semi-mechanized method with control drilling and controlled blasting using sand bags. Top soil will be scrapped & stacked for the subsequent plantation during the mining plan period. OB and waste generated of the total production, and will be used as road building materials. Blasting shall be only be carried out as per the approved mine plan. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP and are not in line with the details provided in the EIA report. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. 07.1 “why complete minutes of public hearing are not uploaded on the web site”, please justify.
2. In point no. 13.1 details are wrongly mentioned, please revise.
3. In point no. 17- please provide relevant information for top soil generation/management.
4. In point no. 35 (9 & 10) – 9348 million cubic meters OB & 1380 top soil mentioned, please justify.
5. Properly address following issues raised during public hearing with plan/proposal:
 - Tree plantation at public places and in school premises with adequate protection measures.
 - Proposal for fruit/fodder bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages.
 - Provision of water sprinkling for dust suppression.
 - Provision of Curtain wall for dust suppression.

- Mine water discharge and poor road conditions.
- 6. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.
- 7. Proposal for providing solar cookers / LPG gas cylinders under “Ujjwala Yojna” to mine workers under CER.
- 8. Commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam/Van Samiti under monitoring and guidance of Range officer / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
- 9. Commitment that local palatable perennial grass species proposed for grassland development/fodder development shall be added in the species for grassland/fodder development and this activity shall be taken up through Local DFO on degraded land suitable for the purpose or through Gram Panchayat on suitable community land.
- 10. Commitment that dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation with the concern CCF (R&E Circle Bhopal).
- 11. PP’s commitment that activities proposed in the CER and plantation scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained.
- 12. Proposal for CER activates should be based upon Gram Panchayat Annual Action Plan and commitment made during public hearing.

PP vide their letter dated 07/08/2021 submitted query reply hard copy as well as on Ministry’s Parivesh Portal. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production as per approved mine plan with quantity not exceeding for Stone 11,878 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 16.075 Lakh as capital and Rs. 4.70 Lakh/year as recurring has proposed by PP.

3. As proposed, a minimum of 1066 trees /year shall be planted within three years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. All plantation in village shall be uploaded on “Vayudoot app” under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers .

The case was discussed in 685th Meeting of SEIAA dated 14/9/21 and it has been recorded that. After detailed discussion it was observed that EIA submitted by PP/Consultant have following shortcomings.

- All issues raised during the public hearing should be checked properly in respect of all three sanctioned lease (Case no. 7945 and 7946) included in the cluster have to be clubbed & replied together, and address in EC condition.
- In such case details of mine owned or being operated by the same owner should be collected and compliance to EC/MPPCB consent conditions shall be reviewed.
- Details of Land ownership/agreement and consent with private land owner shall also be reviewed.

In context to above it is decided to send the case along with technical file to SEAC for re-appraisal. As per the above decision you are requested to re-appraisal the case.

In this meeting the case was scheduled for PP reply w.r.t. concern raised by SEIAA in the 685th Meeting dated 14/9/21. The matter was discussed wherein PP submitted that following points area as :

- Issues Raised by local villagers during the public hearing should be checked properly and shall be addressed under EC Conditions. PP replied, issues raised by local villagers during the public hearing are checked properly and addressed in EIA/EMP reports (Refer to page no. 116 to 122 of EIA report) and PH was conducted separately by Regional Office, MPPCB on same day at different time, that's why we had considered separate public hearing proceeding for each case. PH Minutes also attached as Annexure-1.
- In such cases details of mines owned or being operated by the same owner should be collected and compliance shall also be reviewed. Same owner has one more operational mine.
PP replied that the compliance of EC conditions (case no. 3438) has already been submitted by PP. (Annexure-2)

- Details of Land ownership/agreement and consent with private land owner shall also be reviewed. PP replied that PP has the land ownership of this mine (Khasra no. 555/1) Khasra Panchshala is attached (Annexure-3)

Committee after presentation discussed on the issue and agrees with the reply submitted by PP. Committee further observed that issues raised in the public hearing were discussed in length and as desired by committee, PP submitted response vide letter dated 07/08/21. The committee also deliberate that at the time of EIA appraisal issue raised in public hearing are discussed in length and PP is asked to incorporate relevant suggestions/recommendations made during public hearing in the CER. However, in this case no serious issues were raised during public hearing. For seeking compliance status of EC/CTO of other mines owned by the same owner, SEIAA may issue an OM so that at the time of granting TOR this condition shall be stipulated in all B1 categories of cases and in case of B2 projects, PP has to upload this information at the time of making application for EC. In the present scenario as per MoEF&CC OM, compliance of previous EC conditions is sought by SEAC only in the cases of expansion. In this case as per the query made in the 504th SEAC meeting dated 23-07-21 PP has submitted reply which was discussed in the 510th SEAC meeting dated 25-08-21 and found satisfactory & acceptable. Hence the committee after deliberations decided to stand by its earlier recommendation made in 510th SEAC meeting dated 25-08-21.

20. Case No 7945/2020 Shri Dilip Koushal S/o Shri Lekhram Koushal, Ward No. 5, Gomukh Road, Khirkiya, Dist. Harda, MP - 461331 Prior Environment Clearance for Stone Quarry in an area of 1.558 ha. (11,878 cum per annum) (Khasra No. 555/3), Village - Choukadi, Tehsil - Khirkiya, Dist. Harda (MP). EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Noida U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 555/3), Village - Choukadi, Tehsil - Khirkiya, Dist. Harda (MP) 1.558 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 130 dated: 23/5/2020 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 18.102 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 469th SEAC dated 17/12/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 6/7/21 which was forwarded through SEIAA vide letter no. 1398 dated 12/07/21 and the same was scheduled in the agenda.

PP and their consultant presented the EIA before the committee in the 504th SEAC meeting dated 23.07.2021. During presentation, PP submitted this is a green field project and there are 05 more mines operating or proposed within 500 meters radius around this mine with total area of 18.102 ha., hence EIA and public hearing is conducted after obtaining TOR. PP submitted that mining will be done by opencast semi-mechanized method with control drilling and controlled blasting using sand bags. Top soil will be scrapped & stacked for the subsequent plantation during the mining plan period. OB and waste generated of the total production, and will be used as road building materials. Blasting shall be only be carried out as per the approved mine plan. During appraisal it was also observed by the committee that there are several mistakes in the form-II submitted by PP and are not in line with the details provided in the EIA report. After presentation committee asked PP to submit response on following issues including irrelevant/misleading information provided in From-II, such as:

1. In point no. 07.1 “why complete minutes of public hearing are not uploaded on the web site”, please justify.
2. In point no. 13.1 details are wrongly mentioned, please revise.
3. In point no. 17- please provide relevant information for top soil generation/management.
4. In point no. 35 (9 & 10) – 6900 million cubic meters OB & 0.00 million cubic meters top soil mentioned, please justify.
5. Properly address following issues raised during public hearing with plan/proposal:
 - Proposal for tree plantation at public places and nearby school.
 - Proposal for fruit/fodder bearing tree saplings (such as Jackfruit, Custard apple, Mango, Guava, Munga, Orange etc) distribution in adjoining villages.
 - Provision of water sprinkling for dust suppression.
 - Provision of Curtain wall for dust suppression.
 - Mine water discharge and poor road conditions.
6. Proposal for plantation in adjoining forest land through concerned DFO forest and commitment that commensurate budget will be transferred to for plantation to DFO.

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

PP vide their letter dated 07/08/2021 submitted query reply hard copy as well as on Ministry’s Parivesh Portal. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘A’:

1. Production as per approved mine plan with quantity not exceeding for Stone 11,878 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 16.034 Lakh as capital and Rs. 4.66 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 1000 trees /year shall be planted within three years in barrier zone, evacuation road, and village through local DFO or Gram Panchayat etc. as per the submitted plantation scheme.
4. All plantation in village shall be uploaded on “Vayudoot app” under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers .

The case was discussed in 685th Meeting of SEIAA dated 14/9/21 and it has been recorded that. After detailed discussion it was observed that EIA submitted by PP/Consultant have following shortcomings.

- The Khasra number and Name of PP in the attached Quality Test Report (Air, Water, Soil and Noise) is different than that of the proposed mine as part of EIA report prepared and submitted by the consultant authorizes by PP.
- All issues raised during the public hearing should be checked properly in respect of all three sanctioned lease (Case no. 7944 and 7946) included in the cluster have to be clubbed & replied together, and address in EC condition.
- In such case details of mine owned or being operated by the same owner should be collected and compliance to EC/MPPCB consent conditions shall be reviewed.
- Details of Land ownership/agreement and consent with private land owner shall also be reviewed context to above it is decided to send the case along with technical file to SEAC for re-appraisal.

In context to above it is decided to send the case along with technical file to SEAC for re-appraisal. As per the above decision you are requested to re-appraisal the case.

In this meeting the case was scheduled for PP reply w.r.t. concern raised by SEIAA in the 685th Meeting dated 14/9/21. The matter was discussed wherein PP submitted that following points area as :

- The Khasra number and Name of PP in the attached Quality Test Report (Air, Water, Soil and Noise) is different than that of the proposed mine as part of EIA report prepared and submitted by the consultant authorizes by PP.

PP replied that due to cluster situation, We have consider one monitoring location within 500m radius i.e (Dilip Kaushal of Khasra No 555/1, Area 1.547 ha. and Dilip Kaushal of acre Area 1.558 ha. Monitoring period has been taken from Oct.2020-Dec.2020 to generate baseline data of 10km radius to cover all expected impacts of Air, Water, Soil and Noise. Total 10 sampling locations (including T-point) has been taken for Air and Noise, which is shown in Google. Total 08 sampling location has been taken for soil and ground water and 02 sampling locations for surface water. Lease area of Dilip Koushal of khasra no. 555/3 falls within 500m radius of Dilip Kaushal of khasra no. 555/1 (as shown in Google image in next slide) so we have considered same baseline

data in this case. This baseline data has covered all expected impacts within the study area (10km radius). Due to typographical error, we are unable to write this cluster information and consideration of Dilip Kaushal.

- During discussion PP submitted that in all the cases of cluster, common monitoring locations are selected to find out the concentration of various pollutants in given area and based on the findings through modeling predict GLC and its mitigation plan. Cases number 7946/20, 7944/20 and 7945/20 are located within 500 meters of each other and thus considering cluster situation 10 sampling locations for air quality monitoring were selected in core and buffer zone to obtain air quality of the study area. However, its mistake on our part that we have not mentioned this situation in our EIA reports. PP further submitted that this is the common practice adopted by all the consultants in the monitoring of cluster situation to save time and efforts.
- All issues raised during the public hearing should be checked properly in respect of all three sanctioned lease (Case no. 7944 and 7946) included in the cluster have to be clubbed & replied together, and address in EC condition. PP replied that Issues Raised by local villagers during the public hearing are checked properly and addressed in EIA/EMP reports (Refer to page no. 116 to 122 of EIA report) and PH was conducted separately by Regional Office, MPPCB on same day at different time, that's why we had considered separate public hearing proceeding for each case.

In such case details of mine owned or being operated by the same owner should be collected and compliance to EC/MPPCB consent conditions shall be reviewed. PP replied that the compliance of EC conditions (case no. 3438) has already been submitted by PP. (Annexure-2)

- Details of Land ownership/agreement and consent with private land owner shall also be reviewed context to above it is decided to send the case along with technical file to SEAC for re-appraisal. PP has the land ownership which is shown in Khasra Panchshala. (Annexure-3)

Committee after presentation discussed on the issue and agrees with the reply submitted by PP. Committee further observed that issues raised in the public hearing were discussed in length and as desired by committee, PP submitted response vide letter dated 07/08/21. The committee also deliberate that at the time of EIA appraisal issue raised in public hearing are discussed in length and PP is asked to incorporate relevant suggestions/recommendations made during public hearing in the CER. However, in this case no serious issues were raised during public hearing. For seeking compliance status of EC/CTO of other mines owned by the same owner, SEIAA may

issue an OM so that at the time of granting TOR this condition shall be stipulated in all B1 categories of cases and in case of B2 projects, PP has to upload this information at the time of making application for EC. In the present scenario as per MoEF&CC OM, compliance of previous EC conditions is sought by SEAC only in the cases of expansion. In this case as per the query made in the 504th SEAC meeting dated 23-07-21 PP has submitted reply which was discussed in the 510th SEAC meeting dated 25-08-21 and found satisfactory & acceptable. Hence the committee after deliberations decided to stand by its earlier recommendation made in 510th SEAC meeting dated 25-08-21.

21. Case No 7805/2020 M/s R.K.Gupta Contractors and Engineers Pvt. Ltd, Authorized Person, Shri Rajendra Kumar Gupta, B-72, Shahpura, Dist. Bhopal, MP – 462039 Prior Environment Clearance for Khodu Bharu Sand Quarry in an area of 7.0 ha. (30,000 cum per annum) (Khasra No. 25/1), Village - Badgaon, Tehsil - Kasrawad, Dist. Khargone (MP).

This is case of Khodu Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 25/1), Village - Badgaon, Tehsil - Kasrawad, Dist. Khargone (MP) 7.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2186 dated: 20/07/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 16.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 462nd SEAC dated 30/09/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 23/6/21 which was forwarded through SEIAA vide letter no. 1295 dated 28/06/21 and the same was scheduled in the agenda.

In the SEAC 502nd meeting dated 06-07-21, PP and their consultant presented the EIA before the committee. During presentation, PP submitted that it's a Khodu Bharu sand mine with an area of 7.00 ha., wherein mining will be carried out as per approved mine plan with semi mechanized open-cast method of mining. During mining operations, manual labors will also be deployed. Tarpaulin covered trucks/tippers (PUC certified)

will be used for loading and transportation of excavated sand. An area of 7.5m will be left along the lease boundary as barrier zone for the safety purpose wherein plantation is proposed. The quarrying operation will be carried out with developing benches. During appraisal, it was observed that proposed lease is approx. 200 m away from the River Narmada on northern side and a tributary in also in the existence on the North-East side approx. 100 meters. PP submitted that three row plantation will be planted on both the side of tributary. After presentation committee recommends that based on the discussion PP shall submit point wise reply / commitment / Revised EMP on following issues:

1. Mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be made in the EMP.
2. Tree sapling “Khirni” shall be replaced by “Katang Bamboo” in the proposed plantation scheme and commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam) / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
3. Khus slips to be planted on the banks of tributary for bank stabilization and check soil erosion.
4. Before onset of monsoon season, 05 saplings per household of fodder / native fruit bearing species (such as Imli, Bel, Kaitha, Bahera, Amla, Nimbu, Kathal, Mango, Katang bamboo, Munaga etc) to be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers in it.
5. Under CER scheme provision to be made for providing solar lights in village school (to demonstrate use of alternate source of electricity) and plantation within school premises by students.
6. Local palatable perennial grass species proposed for grassland development shall be added in the species for grassland development and this activity shall be taken up through Local DFO on degraded land suitable for fodder development or through Gram Panchayat on suitable community land.
7. Dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation.

8. Fodder development in first year and there care till project by agency concerned and accordingly budgetary provisions should be enhanced.

PP vide their letter dated 06.07.2021 submitted query reply. The EIA, EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Sand as per mine plan with quantity not exceeding 30,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 21.55 Lakh as capital and Rs.07.29 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 4200 trees/year shall be planted in barrier zone, evacuation road, Gram Panchayat Bhawan etc. as per the submitted plantation scheme.
4. Khus slips shall be planted on the banks of tributary for bank stabilization and check soil erosion.
5. Dense plantation/ Wood Lot shall be developed (preferably using "Miyawaki Technique") in 7.5m barrier zone left for plantation.
6. Before onset of monsoon season, 05 saplings per 386 household of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers in it.
7. Plantation shall be carried out through Govt. agency (such as Van Vikas Nigam) / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.

The case was discussed in 680th SEIAA meeting dtd 03/8/21 and it has been recorded that..

"The case was recommended for EC in 502nd SEAC meeting dated 06/7/21. After detailed discussion and perusal of recommendation of SEAC, it was observed that the PP & SEAC have not incorporated certain issues raised during public hearing dated 13/3/2021. Apart from the above issues, local need based detailed CER plan and revised plantation programme in consultation with concerning departments and

details of a available govt. & other land on the bank of Narmada River shall also be submitted. It was decided that the case be sent to SEAC for re-examination”.

In this meeting the above matter was discussed wherein committee deliberated that at the time of EIA appraisal issue raised in public hearing are discussed and relevant suggestions/recommendations are incorporated in the CER by SEAC and PP is instructed to submit revised proposal. However, in this case committee recommends that as per the decision of SEIAA, PP shall be instructed to submit suitable reply with commensurate budgetary allocations for re-examination.

In the SEAC 511st meeting dated 26-08-21 meeting the above matter was discussed wherein committee deliberated that at the time of EIA appraisal issue raised in public hearing are discussed and relevant suggestions/recommendations are incorporated in the CER by SEAC and PP is instructed to submit revised proposal. However, in this case committee recommends that as per the decision of SEIAA, PP shall be instructed to submit suitable reply with commensurate budgetary allocations for re-examination.

PP vide letter dated 18.10.21 submitted reply with commensurate budgetary allocations for re-examination. Which are given below-

As per the minutes of the public hearing conducted on dated 13.3.2021 proceedings signed and issued by competent authority on dated 19.03.2021, following 03 issues were recommended.

1. Pertains to employment.
2. Plantation around the mine and evacuation routes.
3. CER activities in educational institute of Gram Panchayat such as arrangement for drinking water, electricity & toilet etc.

During EIA presentation in 680th SEIAA meeting dated 03-08-21 above issues were discussed and PP has proposed:-

- A. Plantation in around the mine including evacuation route in the given plantation scheme (approx. 1800 nos.) with budgetary allocation in EMP.
- B. In CER have proposed various activities as per the minute of PH such as –
 - Solar lights (02) in village school.
 - Provide 2000 liter overhead tank with proper water channelization system.
 - Construction of 01 toilet for boys & 01 toilet for girls of primary school Badgaon.

- Distribution of 140 Fruit bearing tree species will be planted in Badgaon Village School.
- To provide Electricity connection charge for primary school Badgaon.
- Distribution of Mask & Hand Sanitizer.

The committee after deliberated that at the time of EIA appraisal issue raised in public hearing were discussed and relevant suggestions/recommendations are incorporated in the CER by PP in the 502nd SEAC meeting dated 06-07-21. PP has also submitted commitment for plantation on the banks of Narmada River through concerning department as suggested by SEIAA vide letter dated 18/10/21. Hence the committee after deliberations decided to stand by its earlier recommendation made in 502nd SEAC meeting dated 06-07-21.

22. Case No 7807/2020 M/s R.K.Gupta Contractors and Engineers Pvt. Ltd, Authorized Person, Shri Rajendra Kumar Gupta, B-72, Shahpura, Dist. Bhopal, MP – 462039 Prior Environment Clearance for Khodu Bharu Sand Quarry in an area of 10.0 ha. (30,000 cum per annum) (Khasra No. 64, 65, 67), Village - Badgaon, Tehsil - Kasrawad, Dist. Khargone (MP)

This is case of Khodu Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 64, 65, 67), Village - Badgaon, Tehsil - Kasrawad, Dist. Khargone (MP) 10.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2184 dated: 20/07/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 462nd SEAC dated 30/09/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 23/6/21 which was forwarded through SEIAA vide letter no. 1293 dated 28/6/21.

The EIA was presented by PP and their consultant the before the committee in the 502nd SEAC meeting dated 06-07-21. PP stated that it's a Khodu Bharu sand mine with an area of 10.0 ha., wherein mining will be carried out as per approved mine plan with semi mechanized open-cast method of mining. During mining operations, manual labors will also be deployed. Tarpaulin covered trucks/tippers (PUC certified) will be used for loading and transportation of excavated sand. An area of 7.5m will be left along the lease boundary as barrier zone for the safety purpose wherein plantation is proposed. The quarrying operation will be carried out with developing benches. During appraisal, it was observed that proposed lease is approx. 350 m away from the River Narmada on northern side and approx. 140 m away from a tributary on the north-west side. Habitation is on the east side at a distance of 80 meters for which PP submitted that 20 meters area within the lease will be left as non mining area (set back) excluding barrier zone wherein three row plantations will be carried out. Committee suggested that the area which is towards habitation and where PP has left 20 meter set back shall be developed wood log area planted by native plant species. ("Miyawaki Technique") in consultation with concerned DFO and same shall be executed by any government agency. Committee further suggested that before onset of monsoon season, local fruit bearing tree saplings (such as Bel, Harra, Bahera, Amla, Nimbu, Kathal, Mango etc) shall be distributed in nearby villagers to promote plantation from social forestry nursery /Government Horticulture nursery.

After presentation committee recommends that based on the discussion, PP shall submit point wise reply / commitment / Revised EMP on following issues:

1. Revised surface map showing 20 meters setback (east) as non mining area due to habitation.
2. Mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be made in the EMP.
3. Tree sapling "Khirni" shall be replaced by "Katang Bamboo" in the proposed plantation scheme and commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam) / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
4. Khus slips to be planted on the banks of tributary for bank stabilization and check soil erosion.

5. Before onset of monsoon season, 05 saplings per household of fodder / native fruit bearing species (such as Imli, Bel, Kaitha, Bahera, Amla, Nimbu, Kathal, Mango, Katang bamboo, Munaga etc) to be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers in it.
6. Under CER scheme provision to be made for providing solar lights in village school (to demonstrate use of alternate source of electricity) and plantation within school premises by students.
7. Local palatable perennial grass species proposed for grassland development shall be added in the species for grassland development and this activity shall be taken up through Local DFO on degraded land suitable for fodder development or through Gram Panchayat on suitable community land.
8. Dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation.
9. Fodder development in first year and there care till project by agency concerned and accordingly budgetary provisions should be enhanced.

PP vide their letter dated 06.07.2021 submitted query reply. The EIA, EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘C’:

1. Production of Sand as per mine plan with quantity not exceeding 30,000 cum/year.
2. A setback of 20 meters excluding 7.5 meters barrier zone on east side shall be left as non mining area due to habitations.
3. A budgetary provision for Environmental management Plan of Rs. 28.64 Lakh as capital and Rs. 14.00 Lakh/year as recurring has proposed by PP.
4. As proposed, a minimum of 5667 trees/year shall be planted in barrier zone, evacuation road, Gram Panchayat Bhawan etc. as per the submitted plantation scheme.
5. Khus slips shall be planted on the banks of tributary for bank stabilization and check soil erosion.

6. Dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation and in the area designated as non mining area.
7. Before onset of monsoon season, 05 saplings per 386 household of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers in it.
8. Plantation shall be carried out through Govt. agency (such as Van Vikas Nigam) / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.

The case was discussed in 680th SEIAA meeting dtd 03/8/21 and it has been recorded that..

“The case was recommended for EC in 502nd SEAC meeting dated 06/7/21. After detailed discussion and perusal of recommendation of SEAC, it was observed that the PP & SEAC have not incorporated certain issues raised during public hearing dated 13/3/2021. Apart from the above issues, local need based detailed CER plan and revised plantation programme in consultation with concerning departments and details of a available govt. & other land on the bank of Narmada River shall also be submitted. It was decided that the case be sent to SEAC for re-examination”.

In this meeting the above matter was discussed wherein committee deliberated that at the time of EIA appraisal issue raised in public hearing are discussed and relevant suggestions/recommendations are incorporated in the CER by SEAC and PP is instructed to submit revised proposal. However, in this case committee recommends that as per the decision of SEIAA, PP shall be instructed to submit suitable reply with commensurate budgetary allocations for re-examination.

In the 511st SEAC meeting dated 26-08-21 meeting the above matter was discussed wherein committee deliberated that at the time of EIA appraisal issue raised in public hearing are discussed and relevant suggestions/recommendations are incorporated in the CER by SEAC and PP is instructed to submit revised proposal. However, in this case committee recommends that as per the decision of SEIAA, PP shall be instructed to submit suitable reply with commensurate budgetary allocations for re-examination. PP vide letter dated 18.10.21 submitted reply with commensurate budgetary allocations for re-examination. Which are given below-

As per the minutes of the public hearing conducted on dated 13.3.2021 proceedings signed and issued by competent authority on dated 19.03.2021, following 03 issues were recommended.

1. Pertains to employment.
2. Plantation around the mine and evacuation routes.
3. CER activities in educational institute of Gram Panchayat such as arrangement for drinking water, electricity & toilet etc.

During EIA presentation in 680th SEIAA meeting dated 03-08-21 above issues were discussed and PP has proposed:-

- A. Plantation in around the mine including evacuation route in the given plantation scheme (approx. 8001 nos.) with budgetary allocation in EMP.
- B. In CER have proposed various activities as per the minute of PH such as –
 - Solar lights (02) in village school
 - Distribution of 10 benches & tables in a village school.
 - Distribution of 140 Fruit bearing tree species will be planted in Badgaon village School.
 - Installation of 01 hand pump.
 - Cleaning and maintenance of internal drainage system (40m x 4m) of village Badgaon.
 - Distribution of Mask & Hand Sanitizer.

The committee after deliberated that at the time of EIA appraisal issue raised in public hearing were discussed and relevant suggestions/recommendations are incorporated in the CER by PP in the 502nd SEAC meeting dated 06-07-21. PP has also submitted commitment for plantation on the banks of Narmada River through concerning department as suggested by SEIAA vide letter dated 18/10/21. Hence the committee after deliberations decided to stand by its earlier recommendation made in 502nd SEAC meeting dated 06-07-21.

23. Case No 7808/2020 M/s R.K. Gupta Contractors and Engineers Pvt. Ltd, Authorized Person, Shri Rajendra Kumar Gupta, B-72, Shahpura, Dist. Bhopal, MP - 462039 Prior Environment Clearance for Khodu Bharu Sand Quarry in an area of 9.0 ha. (30,000 cum per annum) (Khasra No. 176, 177, 178, 179, 190, 189), Village - Badgaon-3, Tehsil - Kasrawad, Dist. Khargone (MP)

This is case of Khodu Bharu Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 176, 177, 178, 179, 190, 189), Village - Badgaon-3, Tehsil - Kasrawad, Dist. Khargone (MP) 9.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2182 dated: 20/07/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 16.0 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 462nd SEAC dated 30/09/2020 wherein ToR was recommended.

PP has submitted the EIA report vide letter dated 23/6/21 which was forwarded through SEIAA vide letter no. 1297 dated 28/6/21.

The EIA was presented by PP and their consultant before the committees in the EC recommended in 502nd SEAC meeting dated 06-07-21. PP stated that it's a Khodu Bharu sand mine with an area of 9.0 ha., wherein mining will be carried out as per approved mine plan with semi mechanized open-cast method of mining. During mining operations, manual labors will also be deployed. Tarpaulin covered trucks/tippers (PUC certified) will be used for loading and transportation of excavated sand. An area of 7.5m will be left along the lease boundary as barrier zone for the safety purpose wherein plantation is proposed. The quarrying operation will be carried out with developing benches. During appraisal, it was observed that proposed lease is approx. 700 m away from the River Narmada in the northern side and a tributary in also in the existence in the east side at a distance of approx. 55 meters for which PP submitted that 45 meter set back is proposed as non mining area and three row plantation will be carried out. It was also observed by the committee that part of the lease is occupied by trees for which PP

submitted that this area will also be left as non mining area. Committee during discussion suggested that the area which is towards small tributary where PP has left 45 meter setback and area occupied by trees, shall be developed as wood log area and native plant species. (“Miyawaki Technique”) shall be planted in consultation with concerned DFO and same shall be executed by any government agency. Committee further suggested that before onset of monsoon season, local fruit bearing tree saplings (such as Bel, Harra, Bahera, Amla, Nimbu, Kathal, Mango etc) shall be distributed in nearby villagers to promote plantation from social forestry nursery /Government Horticulture nursery.

After presentation committee recommends that based on the discussion, PP shall submit point wise reply / commitment / Revised EMP on following issues:

1. Revised surface map showing 45 meters setback (east) as non mining area due to habitation.
2. Mineral evacuation road/transportation road shall be made pucca and commensurate budgetary allocations shall be made in the EMP.
3. Tree sapling “Khirni” shall be replaced by “Katang Bamboo” in the proposed plantation scheme and commitment that plantation shall be carried out through Govt. agency (such as Van Vikas Nigam) / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.
4. Khus slips to be planted on the banks of tributary for bank stabilization and check soil erosion.
5. Before onset of monsoon season, 05 saplings per household of fodder / native fruit bearing species (such as Imli, Bel, Kaitha, Bahera, Amla, Nimbu, Kathal, Mango, Katang bamboo, Munaga etc) to be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers in it.
6. Under CER scheme provision to be made for providing solar lights in village school (to demonstrate use of alternate source of electricity) and plantation within school premises by students.
7. Local palatable perennial grass species proposed for grassland development shall be added in the species for grassland development and this activity shall be taken

up through Local DFO on degraded land suitable for fodder development or through Gram Panchayat on suitable community land.

8. Dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation.
9. Fodder development in first year and there care till project by agency concerned and accordingly budgetary provisions should be enhanced.

PP vide their letter dated 06.07.2021 submitted query reply. The EIA, EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘C’:

1. Production of Sand as per mine plan with quantity not exceeding 30,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.55 Lakh as capital and Rs. 5.55 Lakh/year as recurring has proposed by PP.
3. As proposed, a minimum of 4,000 trees/year shall be planted in barrier zone, evacuation road, Gram Panchayat Bhawan etc. as per the submitted plantation scheme.
4. Khus slips shall be planted on the banks of tributary for bank stabilization and check soil erosion.
5. Dense plantation/ Wood Lot shall be developed (preferably using “Miyawaki Technique”) in 7.5m barrier zone left for plantation and in the area designated as no mining area.
6. Before onset of monsoon season, 05 saplings per 386 household of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers in it.
7. Plantation shall be carried out through Govt. agency (such as Van Vikas Nigam) / Gram Panchayat / Forest Department / Agricultural department by transferring proportionate funds to them.

The case was discussed in 680th SEIAA meeting dtd 03/8/21 and it has been recorded that.

“The case was recommended for EC in 502nd SEAC meeting dated 06/7/21. After detailed discussion and perusal of recommendation of SEAC, it was observed that the PP & SEAC have not incorporated certain issues raised during public hearing dated 13/3/2021. Apart from the above issues, local need based detailed CER plan and revised plantation programme in consultation with concerning departments and details of a available govt. & other land on the bank of Narmada River shall also be submitted. It was decided that the case be sent to SEAC for re-examination”.

In this meeting the above matter was discussed wherein committee deliberated that at the time of EIA appraisal issue raised in public hearing are discussed and relevant suggestions/recommendations are incorporated in the CER by SEAC and PP is instructed to submit revised proposal. However, in this case committee recommends that as per the decision of SEIAA, PP shall be instructed to submit suitable reply with commensurate budgetary allocations for re-examination.

In the 511st SEAC meeting dated 26-08-21 meeting the above matter was discussed wherein committee deliberated that at the time of EIA appraisal issue raised in public hearing are discussed and relevant suggestions/recommendations are incorporated in the CER by SEAC and PP is instructed to submit revised proposal. However, in this case committee recommends that as per the decision of SEIAA, PP shall be instructed to submit suitable reply with commensurate budgetary allocations for re-examination.

PP vide letter dated 18.10.21 submitted reply with commensurate budgetary allocations for re-examination. Which are given below-

As per the minutes of the public hearing conducted on dated 13.3.2021 proceedings signed and issued by competent authority on dated 19.03.2021, following 03 issues were recommended.

1. Pertains to employment.
2. Plantation around the mine and evacuation routes.
3. CER activities in educational institute of Gram Panchayat such as arrangement for drinking water, electricity & toilet etc.

During EIA presentation in 680th SEIAA meeting dated 03-08-21 above issues were discussed and PP has proposed:-

- A. Plantation in around the mine including evacuation route in the given plantation scheme (approx. 1800 nos.) with budgetary allocation in EMP.
- B. In CER have proposed various activities as per the minute of PH such as –
- Solar lights (02) in village school
 - Distribution of 140 Fruit bearing tree species will be planted in Badgaon village School.
 - Renovation of Aganwadi kendra of village Badgaon
 - Installation of 01 hand pump .
 - Cleaning and maintenance of internal drainage system (35m x 4m) of village Lakangaon.
 - Distribution of Mask & Hand Sanitizer.

The committee after deliberated that at the time of EIA appraisal issue raised in public hearing were discussed and relevant suggestions/recommendations are incorporated in the CER by PP in the 502nd SEAC meeting dated 06-07-21. PP has also submitted commitment for plantation on the banks of Narmada River through concerning department as suggested by SEIAA vide letter dated 18/10/21. Hence the committee after deliberations decided to stand by its earlier recommendation made in 502nd SEAC meeting dated 06-07-21.

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murum and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.

21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
34. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases

- 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
 3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
 4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
 5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
 6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
 7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
 8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
 9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
 10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
 11. No Mining shall be carried out during Monsoon season.
 12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
 13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
 14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
 15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
 16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
 17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
 18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
 19. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
 20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
 22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.

23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and

- fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
 35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- ‘C’

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

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

20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
32. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.

33. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.

24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna".
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The undertaking inter alia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.

- ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
- ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
- ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.

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

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