

### **Minutes of 699<sup>th</sup> SEAC-2 Meeting Dated 09/11/2022**

The 699<sup>th</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 09/11/2022. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2            |
| 2. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 3. | Shri Tanzar Ullah Khan,     | Member, SEAC-2              |
| 4. | Prof. Jaswant Singh,        | Member, SEAC-2              |
| 5. | Dr. Shiv Om Singh,          | Member, SEAC-2 (through VC) |
| 6. | Shri Ashish Tiwari,         | Member Secretary, SEAC-2    |

The Chairman welcomed the members to the 699<sup>th</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

#### **1. I T Planet P-16, Knowledge Park -V, Greater Noida, Uttar Pradesh, M/s DR I T M LIMITED. File No. 7279/Proposal No. SIA/UP/INFRA2/400540/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult, Delhi. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for proposed IT Planet P-16, Knowledge Park -V, Greater Noida, Uttar Pradesh, M/s DR I T M Limited.
2. The total plot area of the 40433.3 m<sup>2</sup> whereas built-up area will be 90972.340 m<sup>2</sup> respectively.
3. Salient features of the project:

Sr. No.	Description	Quantity	Unit
GENERAL			
1	Plot Area	40433.3	SQMT
2	Proposed Built Up Area	90972.340	SQMT
3	Total no of Resdl Units	6	No.
4	Max Height - (Height of tallest block)	37.36	M
5	No of Building Blocks	5	
6	Max No of Floors	B+G+8	No.
7	Expected Population (295 Residential +7399 Floating)	7694	No.
8	Total Cost of Project	189	CR
9	Proj Activity: IT Offices, Institute & Hostels etc.		
AREAS			
10	Permissible Ground Coverage Area (30%)	12130	SQMT
11	Proposed Ground Coverage Area (24.7%)	9993.51	SQMT
12	Permissible FAR Area (187.5)	75812.437	SQMT
13	Proposed FAR Area (175)	70808.99	SQMT
14	Other Non FAR Areas (Basement etc)	15339.490	SQMT
15	Non FAR areas (Services area)	4823.86	SQMT
16	Proposed Total Built Up Area	90972.340	SQMT
WATER			
17	Total Water Requirement	558	KLD
18	Fresh water requirement	202	KLD
19	Treated Water Requirement	356	KLD
20	Waste water Generation	309	KLD

21	Proposed Capacity of STP	375	KLD
22	Treated Water Available for Reuse	278	KLD
23	Treated Water Recycled	355.84	KLD
24	Additional treated water required	78	KLD
25	Discharge to Municipal Sewer	Zero	KLD
RAIN WATER HARVESTING			
26	Rain Water Harvesting - Recharge Pits	10	No.
PARKING			
27	Total Parking Required as / Building Bye Laws	1378	ECS
28	Proposed Total Parking	1402	ECS
29	Parking on Surface	550	ECS
30	Parking in Basements	852	ECS
GREEN AREA			
31	Proposed Green Area (35.7% of plot area)	14439.60	SQMT
WASTE			
32	Total Solid Waste Generation	2.0	TPD
33	Organic waste	1.21	TPD
34	Quantity of E-Waste Generation- Kg/Day	1.94	KG/DAY
35	Quantity of Hazardous waste Generation	2.3	LPD
36	Quantity of Sludge Generated from STP	22	KG/DAY
ENERGY			
37	Total Power Requirement	9153	KW
38	DG set backup	3750	KVA
39	No of DG Sets	3	No.

**4. Population details:**

	NO OF DU'S	POPULATION RATE	TOTAL POPULATION
RESIDENTIAL	DU'S/ ROOMS	POP/DU	TOTAL POPULATION
RESIDENCES	6	5	30
HOSTEL OCCUPANTS	85	3	255
HOSTEL STAFF ( Cooks etc)		10	10
TOTAL		LS	295
NON RESIDENTIAL			
(Employees etc. )	Area		
I T OFFICES	59569.73	As/NBC	5957
STUDENTS		As/Planning	720
TEACHING NON TEACHING & SUPPORT STAFF		As/Planning	59
FACILITY MANAGEMENT STAFF		LS	38
TOTAL			6774
VISITORS			
RESIDENTIAL		10% of Resdl Population	30
IT OFFICES		As/NBC	596
TOTAL VISITORS			625
TOTAL POPULATION			7694

**5. Water requirement details:**

	POPULATION/ AREA/UNIT	RATE IN LTS	TOTAL QTY IN KL
RESIDENTIAL			
DOMESTIC	295	65	19.18
FLUSHING	295	21	6.20
NON RESIDENTIAL (Working)			
DOMESTIC	6774	25	169.35
FLUSHING	6774	20	135.48
VISITORS			
DOMESTIC	625	5	3.13

FLUSHING	625	10	6.25
TOTAL POPULATION	7694		
FILTER BACK WASH		LS	10
	Area in sqm		
GARDENING	14439.6	1	14.44
	KVA		
D G COOLING	3750	0.9	13.50
A C TONNAGE	2000	10	180.0
TOTAL WATER REQUIREMENT			557.49
	Source	Quantity (kld)	
1	Fresh water from municipal supply	202	
2	Recycle of treated water from on site STP	278	
3	Additional treated water from nearby STP	78	
	Total water source	558	

**6. Parking details:**

No. of Parking (ECS)			
Sr. No.	Description	Total Quantity	Unit
1.	Total Parking Required as / Building Bye Laws	1378	ECS
2.	Proposed Total Parking	1402	ECS
3.	Parking on Surface	550	ECS
4.	Parking in Basements	852	ECS

**7. Solid waste generation details:**

Waste Category	Quantity	Unit
Total Solid Waste Generation	2.0	TPD
Organic waste	1.21	TPD
Quantity of E-Waste Generation- Kg/Day	1.94	KG/DAY
Quantity of Hazardous waste Generation	2.3	LPD
Quantity of Sludge Generated from STP	22	KG/DAY

**8. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended).**

The consultant (EIA Coordinator) also submitted an affidavit dated 01/10/2022 mentioning is as follows:

1. I, Anand Kumar Dubey, S/o Shri Amar Nath Dubey is EIA Coordinator of Ind Tech House Consult.
2. I have prepared the EC application for the proposal (SIA/UP/INFRA2/400540/2022), proposed IT Planet P-16, Knowledge Park -V, Greater Noida, Uttar Pradesh, M/s DR I T M Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken as on 07/09/2022 at the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Application/Form-1, 1A & Conceptual Plan for Environmental Clearance are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.

**RESOLUTION AGAINST AGENDA NO. 01**

**The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:**

**Additional Conditions:**

1. Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent shall comply the use of fuel for backup power as per guidelines by “Commission of Air Quality Management in NCR”, directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon’ble Court(s)/Competent authorities from time to time.
5. The proponent should provide the electric vehicle charging points/facility and also allocate the safe and suitable place in the premises of the housing project as per approved map of competent authority.
6. The proponent should provide the electric vehicle charging facility and also allocate the safe and suitable place in the premises of the project as per approved map of competent authority.
7. Revised plan for rain water harvesting, recharging along with storage facility in the layout plan and use of stored rainwater.
8. Proponent shall provide the dual pipeline network in the project for utilisation of treated water (STP) for different purposes and also provide the monitoring mechanism for the same.
9. The Project proponent is required to take permission in case of discharging/utilising treated water (STP) outside the premises. The permission shall be obtained from the Competent Authority.
10. As per the discussion held during the meeting dated 09/11/2022, the Corporate Social Responsibility (CSR) plan with EMP to be revised as per the MoEF guidelines.
11. The project proponent/consultant to submit the chronology of the project from the date of allotment of land from the authority till present date.
12. PP should revise the solid waste disposal (MSW) scheme on the basis of latest technology and also increase the solar energy generation facility as per the revised guidelines to reduce the power consumption.
13. The project proponent shall submit the approved building map of the project by the competent authority (Greater Noida Authority), Airport Authority NOC and other required permissions (NOC) from the concerned authority for establishment of the housing project. No construction/development activity shall be done at site without obtaining the required above permissions.
14. Revise the detail of water requirement with supply source. submit the MoU with concerned authority for STP treated water use in construction activity as proposed.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. 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.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

5. 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.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. 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.
8. 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.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
  4. 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 walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and 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.
  9. 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 mission standards.
  10. The gaseous emissions from DG set 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. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. 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-swailes, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. 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.
5. 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.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. 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.
  9. 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.
  10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
  12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh 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.
  13. All recharge should be limited to shallow aquifer.
  14. No ground water shall be used during construction phase of the project.
  15. 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.
  16. 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.
  17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
  18. No sewage or untreated effluent water would be discharged through storm water drains.
  19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
  20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
  21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:

1. 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 monitored 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.
2. 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.
3. 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.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. 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.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. 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, whichever is higher.
  6. 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.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. 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.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. 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.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.

8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. 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.
7. Green Cover:
1. No tree can be felled/transplant unless exigencies demand. Where absolutely 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 by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 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.
  3. 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.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. 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.
  2. 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.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all 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 plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ 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.
9. Human health issues :
1. 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.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. 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.



5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
  1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. 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.
11. Miscellaneous:
  1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  10. 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.
  11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. 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.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**2. Expansion of proposed Grain Based Ethanol Distillery Capacity from 50 KLD To 80 KLD along with 2.0 MW Co Gen Power at Khasra No – 494chha, 549ka, 549ga, 549kha, 565, 549gha, Total Area – 3.056 Hectare, Village: Khiwai, Block: Sarurpur, Tehsil: Sardhana, District: Meerut by Shri Vinish Gupta, M/s RCP Distilleries (India) Private Limited. File No. 7174/Proposal No. SIA/UP/IND2/402368/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental and Technical Research Center. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Expansion of proposed Grain Based Ethanol Distillery Capacity from 50 KLD To 80 KLD along with 2.0 MW Co Gen Power at Khasra No – 494chha, 549ka, 549ga, 549kha, 565, 549gha, Total Area – 3.056 Hectare, Village: Khiwai, Block: Sarurpur, Tehsil: Sardhana, District: Meerut, U.P., M/s RCP Distilleries (India) Private Limited.
2. Environmental Clearance for the existing project was issued by SEIAA, U.P. vide EC Identification no: EC22B022UP167099 dated 08<sup>th</sup> April 2022 for Grain based Distillery capacity of 50 KLD along with 2.0 MW Co-gen power plant.
3. Salient features of the project:

5.7. Salient features of the project.			
Particulars	Details		
Brief description about the project	Expansion of proposed Grain Based Distillery Capacity from 50 KLD to 80 KLD along with 2.0 MW Co Gen Power.		
Plot area	Existing Land area is 3.056 Ha (7.55 acres) which is sufficient for proposed expansion so there is no change in project area.		
% of greenbelt provided	1.008 Hectares (2.49 Acre) i.e., ~ 33% of the total plant area will be developed as greenbelt & plantation.		
Land use change required	Existing Land use of proposed site is industrial, as the land is already under the possession of M/s RCP Distilleries (India) Private Limited		
Estimated project cost	Existing Cost: Rs. 65 Crores Cost for proposed expansion: Rs. 30 Crores for expansion only.		
EMP Cost	Recurring Cost: Rs. 2 Crores /annum	Capital cost – 25 Crores (for proposed expansion)	
Manpower	As per Existing EC : 100 persons (Permanent – 40 Nos, Contractual: 60 Nos), Proposed expansion : No changes.		
Details of environment officers with qualifications	Industry already appointed environment officers for existing distillery unit with adequate qualifications. (M.Sc. / M.Tech Environment and PG Diploma Industrial Safety ).		
	Existing (50 KLD)	Proposed Expansion (30 KLD)	Total After Expansion (80 KLD)
Fresh Water	Industrial	-	Industrial requirement =

consumption/day	requirement = 475 KLD (@9.5 KL/KL of products)		475 KLD (@5.94 KL/KL of products)
Domestic Requirement	15 KLD	-	15 KLD
Total water requirement	490 KLD	-	490 KLD
Source of water	Ground Water, Ground water NOC has been already obtained. Fresh requirement will be reduced from 9.5 KL / KL of Product to 5.9 KL / KL of Product.		
Power Requirement (MW)	1.75 MW	0.25 MW	2.0 MW
Kind of fuel used	Bagasse / Other biomass	Bagasse / Other biomass	Bagasse / Other biomass
Quantity of fuel used	Bagasse : 302 T/Day	No Change	Bagasse : 302 T/Day
Waste water generated/day	Spent Wash : 340 KLD Other Effluent : 429 KLD	Spent Wash : 204 KLD Other effluent : 84 KLD	Spent Wash : 544 KLD Other Effluent : 513 KLD
Steam Requirement	14 TPH	3 TPH	17 TPH
Mode of discharge	Zero Liquid Discharge		
Number of Operation days	365 Days / Annum		
Spent Wash Treatment Scheme	<p>Spent wash treatment scheme :</p> <p>As per Existing EC, Spent wash generated from the analyzer column during the operation, will be fed into the decanter then concentrated in MEE. Concentrate from MEE will be mixed with Wet Cake of decanter and converted into the Cattle Feed.</p> <p>After proposed expansion, same scheme will be adopted for 80 KLD distillery capacity.</p>		
Other Effluent Treatment Scheme	<p>Existing System : Other effluent like Lees, MEE Condensate, Floor washing, CIP, Blowdown of CT &amp; Boiler, DM reject etc is being treated in CPU which comprises of anaerobic, aerobic, UV, UF and RO system which supports and leverages recycle of water up to maximum extent. CPU capacity is 600 KLD.</p> <p>After expansion, CPU capacity is adequate for treatment of other effluent after expansion also.</p>		
Sources of Air + Noise pollution	<p>Air: Stack emissions: Bagasse / biomass Fired Boiler (18 TPH)</p> <p>Fugitive emissions: Handling &amp; transportation of Raw material, fuel, fly ash</p> <p>Noise: Exhaust fans, compressors, pumps, motors, Turbine (2.0 MW).</p>	In Stack & Fugitive emission, source will be the same.	<p>Air: Stack emissions: Bagasse / biomass Fired Boiler (18 TPH) (No Change)</p> <p>Fugitive emissions: Handling &amp; transportation of Raw material, fuel, fly ash.</p> <p>Noise: Exhaust fans, compressors, pumps, motors, Turbine (2.0 MW)</p>

4. The project proposal falls under category-5(g) of EIA Notification, 2006 (as amended).

During the presentation the project proponent/consultant informed that the baseline study has been conducted from 1<sup>st</sup> March 2021 to 31<sup>st</sup> May 2021 at 08 different locations within study area against the existing EC of Distillery unit capacity 50 KLD and submit that as per MoEF&CC OM No - F. No. IA3-22/10/2022-IA.III [E 177258] dated 8<sup>th</sup> June, 2022, “*The baseline data and Public Hearing shall not be more than three years old at the time of submission of application for consideration of EC*”. On the basis of above OM, it is requested that, kindly exempt our proposal from fresh baseline data collection and Public hearing.

The consultant (EIA Coordinator) also submitted an affidavit dated 08/11/2022 mentioning is as follows:

1. I, Manoj Garg, S/o Late Shri Surendra Kumar Gar is EIA Coordinator of M/s Environmental and Technical Research Center.
2. I have prepared the Form-1 & Pre-feasibility report for TOR for the Expansion of proposed Grain Based Ethanol Distillery Capacity from 50 KLD To 80 KLD along with 2.0 MW Co Gen Power at Khasra No – 494chha, 549ka, 549ga, 549kha, 565, 549gha, Total Area – 3.056 Hectare, Village: Khiwai, Block: Sarurpur, Tehsil: Sardhana, District: Meerut, U.P., M/s RCP Distilleries (India) Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Form-1 & Pre-feasibility report are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 02**

The SEIAA has issued Environmental clearance for Grain based Distillery project of capacity 50 KLD along with 2.0 MW Co gen power plant vide EC identification no. EC22B022UPI167099 dated 08th April 2022.

Project Proponent/consultant applied for expansion from 50KLD to 80 KLD grain based distillery. As per MoEF&CC OM No - F. No. IA3-22/10/2022-IA.III [E 177258] dated 8th June, 2022 baseline data and public hearing is not required for proposed expansion as it is already covered in said Office Memorandum dated 08th June 2022 column no 3 of serial no 6.

The committee discussed the matter and in view of above notification the committee recommended to exempt public hearing and fresh baseline data study and to issue standard terms of reference(TOR) as per prescribed by MoEF&CC, Govt. of India for the preparation of EIA report for the expansion of projects. The committee also stipulated following additional TOR points:

**Additional TOR:**

1. Process description along with major equipment and machines, process flow sheet (quantitative) from raw material to product.
2. Detailed treatment proposal for mitigation/control for odour and process emissions which emit during the process of proposed product.
3. Revised proposal for waste water treatment (on ZLD technology) and reutilization of treated water in different purposes along with water balance flow diagram to be submitted at the time of EIA presentation.
4. TOR conditions compliance report along with action plan in tabular form at the time of EIA presentation.
5. Latest status of project along with site photographs at the time of EIA presentation.

**Standard Terms of Reference**

- I. Executive Summary.
- II. Introduction:
  - i. Details of the EIA Consultant including NABET accreditation

- ii. Information about the project proponent
- iii. Importance and benefits of the project.
- III. Project Description:
  - i. Cost of project and time of completion.
  - ii. Products with capacities for the proposed project.
  - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
  - iv. List of raw materials required and their source along with mode of transportation.
  - v. Other chemicals and materials required with quantities and storage capacities
  - vi. Details of Emission, effluents, hazardous waste generation and their management.
  - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, manpower requirement (regular and contract)
  - viii. Process description along with major equipment and machineries, process flow sheet (quantative) from raw material to products to be provided
  - ix. Hazard identification and details of proposed safety systems.
  - x. Expansion/modernization proposals:
    - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
    - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- IV. Site Details:
  - i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
  - ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
  - iii. Details w.r.t. option analysis for selection of site
  - iv. Co-ordinates (lat-long) of all four corners of the site.
  - v. Google map-Earth downloaded of the project site.
  - vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
  - vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
  - viii. Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
  - ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
  - x. Geological features and Geo-hydrological status of the study area shall be included.
  - xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
  - xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
  - xiii. R&R details in respect of land in line with state Government policy.
- V. Forest and wildlife related issues (if applicable):

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
  - ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)
  - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
  - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon
  - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
  - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.
- VI. Environmental Status:
- i. Determination of atmospheric inversion level at the project site and site-specific micrometeorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
  - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
  - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values foreach of the AAQ parameters from data of all AAQ stations should be provided as an annexure tothe EIA Report.
  - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
  - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
  - vi. Ground water monitoring at minimum at 8 locations shall be included.
  - vii. Noise levels monitoring at 8 locations within the study area.
  - viii. Soil Characteristic as per CPCB guidelines.
  - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
  - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
  - xi. Socio-economic status of the study area
- VII. Impact and Environment Management Plan
- i. Assessment of ground level concentration of pollutants from the stack emission based on site specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall b plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
  - ii. Water Quality modelling - in case of discharge in water body
  - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
  - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics

of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.

- v. Details of stack emission and action plan for control of emissions to meet standards.
- vi. Measures for fugitive emission control
- vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also touse for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- xii. Action plan for post-project environmental monitoring shall be submitted.
- xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

**VIII. Occupational health:**

- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
- ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
- iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
- iv. Annual report of health status of workers with special reference to Occupational Health and Safety.

**IX. Corporate Environment Policy:**

- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
- ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
- iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
- iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report

- X. Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.

**XI. Enterprise Social Commitment (ESC):**

- i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
- XII. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
- XIII. A tabular chart with index for point wise compliance of above TOR.

**A. Specific Terms of Reference for EIA studies for distilleries:**

- 1. List of existing distillery units in the study area along with their capacity and sourcing of raw material.
  - 2. Number of working days of the distillery unit.
  - 3. Details of raw materials such as molasses/grains, their source with availability.
  - 4. Details of the use of steam from the boiler.
  - 5. Surface and Ground water quality around proposed spent wash storage lagoon, and compost yard.
  - 6. Plan to reduce spent wash generation within 6-8 KL/KL of alcohol produced.
  - 7. Proposed effluent treatment system for molasses/grain based distillery (spent wash, spent lees, condensate and utilities) as well as domestic sewage and scheme for achieving zero effluent discharge (ZLD).
  - 8. Proposed action to restrict fresh water consumption within 10 KL/KL of alcohol production.
  - 9. Details about capacity of spent wash holding tank, material used, design consideration. No. of peizometers to be proposed around spent wash holding tank.
  - 10. Action plan to control ground water pollution.
  - 11. Details of solid waste management including management of boiler ash, yeast, etc. Details of incinerated spent wash ash generation and its disposal.
  - 12. Details of bio-composting yard (if applicable).
  - 13. Action plan to control odour pollution.
  - 14. Arrangements for installation of continuous online monitoring system (24x7 monitoring device).
- 3. Ordinary Sand Mining Project on (Tons River) of at Khand No- 45, Village- Sulmai to Sodhiya, Tehsil-Karchhana, District- Prayagraj, Smt. Shakuntala, Area 6.00 Ha. File No. 7273/6846/Proposal No. SIA/UP/MIN/50340/2022**

**RESOLUTION AGAINST AGENDA NO-03**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

- 4. “Building stone(Sandstone)” Project at Arazi No.-21/2,Village– Latifpur, Tehsil-Chunar, District–Mirzapur, Shri Dildar, Area – 0.809 ha. File No. 7276/Proposal No. SIA/UP/MIN/402612/2022**

**RESOLUTION AGAINST AGENDA NO-04**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.



**5. Production of 3,75,000 Tons per Annum Steel Billets and 3,75,000 Tons per Annum TMT Bars, Sections and Strips through Induction Furnace at Khasra No. 17 – 20, 24, 26, 28 – 31, 34-35, 38, 40A, 40B, 41, 42A, 42B, 43 – 49, Village Dharampur, Tehsil- Kher, District- Aligarh, Shri Raadha Rukmani Steels Pvt. Ltd. File No. 7277/6591/Proposal No. SIA/UP/IND1/402846/2022**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment & Development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Production of 3,75,000 Tons per Annum Steel Billets and 3,75,000 Tons per Annum TMT Bars, Sections and Strips through Induction Furnace at Khasra No. 17 – 20, 24, 26, 28 – 31, 34-35, 38, 40A, 40B, 41, 42A, 42B, 43 – 49, Village Dharampur, Tehsil- Kher, District- Aligarh, U.P., M/s Shri Raadha Rukmani Steels Pvt. Ltd..
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 48/Parya/SEIAA/6872/2022, dated 25/03/2022.
3. The Public Hearing was organized on 19/07/2022 & Final EIA Report was submitted by the Project Proponent on 11/10/2022
4. Salient features of the project:

S. No.	Particulars	Details
1	Area of plant	Area: 1,11,200 Sqm (11.12 Ha)
2	Capacity	3,75,000 Tons per Annum Steel Billets and 3,75,000 Tons per Annum TMT Bars, Sections and Strips
3	Manpower Requirement	250 workers will be employed
4	Power Requirement	Power requirement - 40 MW (at full capacity) Main Supply from DVNL – 132 KV
5	Water Requirement	400 m <sup>3</sup> /day (Source Ground Water)
6	Source of Water	Groundwater from Borewell (Permission shall be taken from UPGWD)
7	Waste water generation	30 KLD (From Domestic - 20 and cooling - 10)
8	STP Capacity	30 KLD
9	DG Set Capacity	DG Sets – 750 KVA for power backup
10	Project Cost	159.0 Crore
11	Working day	330 days

**5. Area breakup:**

Land use details	Area (ha)	Percentage (%) of area
Green belt /open area	3.70	33.27
Road/paved area	2.40	21.58
Parking Area	1.72	15.47
Rooftop area of building /sheds	3.30	29.68
Total	11.12	100.00

**6. Details of product:**

Items	Phase – I	Phase-II	Phase -III	Total capacity
Induction furnace	1 x 30 Tons	1 x 30 Tons	1 x 30 Tons	3 Nos x 30Tons
Billets production	1,25,000 TPA	1,25,000 TPA	1,25,000 TPA	3,75,000 TPA
Rolling mill	500 TPD	350 TPD	400 TPD	1,250 TPD
Rolled products (bars, sections etc)	1,50,000 TPA	1,05,000 TPA	1,20,000 TPA	3,75,000 TPA

**7. Water requirement details:**

S No	Activity	Required Quantity (KLD)	Waste Water Generation (KLD)
1	Domestic	25	20
2	Cooling Systems	325	10
3	Gardening	50	0
	Total	400	30

8. The project proposal falls under category–3(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 07/11/2022 mentioning is as follows:

1. I, Dr. Shibeswar Prasad, S/o Dr. Bisheshwar Prasad is EIA Coordinator of M/s Paramarsh Servicing Environment & Development.
2. I have prepared EIA/EMP report for the proposal no. SIA/UP/IND1/402846/2022 (File No. 7277/6591) Project Name: Production of 3,75,000 Tons per Annum Steel Billets and 3,75,000 Tons per Annum TMT Bars, Sections and Strips through Induction Furnace at Khasra No. 17 – 20, 24, 26, 28 – 31, 34-35, 38, 40A, 40B, 41, 42A, 42B, 43 – 49, Village Dharampur, Tehsil-Kher, District- Aligarh, U.P., M/s Shri Raadha Rukmani Steels Pvt. Ltd. with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA/EMP report are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO-05**

**The committee discussed the matter and recommended grant of Environmental clearance for the project proposal along with following standards environmental clearance conditions prescribed by MoEF&CC, Govt. of India. The committee also stipulated following additional conditions:**

#### **Additional Conditions:**

1. Land conversion for industrial use from the competent authority to be submitted.
2. Action plan for mitigation/prevention of air pollution control (APCS) based on latest technology to be prepared and implemented in the project to control the air emissions/fugitive emissions.
3. Three tier belt shall be developed with native species all along the periphery of the project. Site survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years (Miyawaki method to be adopted for plantation)
4. Performance test shall be conducted on all pollution control system every year and report shall be submitted to Regional office of the MoEF and CC
5. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface.
6. The project proponent shall submit the required permissions(NOC) from the concerned authority for establishment of the said project. No construction/development activity shall be done at site without obtaining the required permissions.

#### **Standards environmental clearance conditions:**

- I. Statutory compliance:
  - I. The project proponent shall obtain forest clearance under the provisions of Forest

- (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
  - IV. The project proponent shall obtain Consent to Establish I 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.
  - V. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water I from the competent authority concerned in case of drawl of surface water required for the project.
  - VI. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- II. Air quality monitoring and preservation:
- I. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - II. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - III. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) , covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)
  - IV. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - V. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
  - VI. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
  - VII. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors , roofs, regularly.
  - VIII. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
  - IX. The project proponent shall use leak proof trucks /dumpers carrying coal and other

- raw materials and cover them with tarpaulin.
- X. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
  - XI. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
  - XII. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
- III. Water quality monitoring and preservation:
- I. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)
  - II. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
  - III. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - IV. Adhere to 'Zero Liquid Discharge'.
  - V. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
  - VI. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
  - VII. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
  - VIII. The project proponent shall practice rainwater harvesting to maximum possible extent.
  - IX. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- IV. Noise monitoring and prevention:
- I. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  - II. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- V. Energy Conservation measures
- I. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
  - II. Practice hot charging of slabs and billets /blooms as far as possible.
  - III. Ensure installation of regenerative type burners on all reheating furnaces.
  - IV. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.

- V. Provide the project proponent for LED lights in their offices and residential areas.
- VI. Waste management:
  - I. Used refractories shall be recycled as far as possible.
  - II. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
  - III. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
  - IV. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
  - V. Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant).
- VII. Green Belt:
  - I. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
  - II. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- VIII. Public hearing and Human health issues:
  - I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - II. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - III. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  - IV. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- IX. Corporate Environment Responsibility:
  - I. The project proponent shall comply with the provisions contained in this Ministry 's OM vide F.No. 22-65/2017-IA.III dated 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 balances and to bring into focus any infringements/deviation/violation of the environmental / forest I wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders I stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  - III. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  - 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. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- VI. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.
- X. Miscellaneous:
  - I. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
  - II. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  - III. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  - IV. The project proponent shall monitor the criteria pollutants level namely; PM10, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
  - V. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  - VI. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  - VII. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  - VIII. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - IX. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  - X. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  - XI. 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.
  - XII. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - XIII. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  - XIV. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

- XV. 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.
- XVI. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**6. Ordinary earth mine, over an area 0.402 ha. in Khasra/ GataNo.-709, Village- Chhedanagar, Tehsil- Nawabganj, District- Barabanki, Vivek Verma. File No. 7285/Proposal No. SIA/UP/MIN/402736/2022**

**RESOLUTION AGAINST AGENDA NO-06**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

**7. Ordinary earth mine, Village- Gehndwer, Tehsil- Nawabganj, District Barabanki, Gata no. 179, Pratap Singh, Area- 0.78 ha. File No. 7286/Proposal No. SIA/UP/MIN/402772/2022**

**RESOLUTION AGAINST AGENDA NO-07**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

**8. Ordinary sand mining from river bed of Yamuna, at Khand No 14, Village – Baswaar, Tehsil- Karchhana, District-Prayagraj, Shri Surendra Kumar. File No. 3989/Proposal No. SIA/UP/MIN/293074/2022**

The project proponent/consultant appeared before SEAC and informed that the environmental clearance for the above project proposal has already been granted by SEIAA, U.P. vide letter no. 229/Parya/SEAC/3989/2018, dated 08/03/2018 for the leased area 12.0 ha and production capacity 1,60,480 m<sup>3</sup>/annum. The project proponent informed that the most of the mining lease area is submerged under active water channel and District Magistrate, Prayagraj issued revised letter of intent (LoI) vide letter no. 256/Khanij/2022-23, dated 11/05/2022 for leased area 4.69 ha and production capacity 70,454 m<sup>3</sup>/annum. The project proponent also submitted the revised approved mining plan in accordance to revised LoI. The project proponent/consultant submitted an amendment application through online Parivesh Portal on 18/10/2022 and requested to issue amended EC letter for mining lease area.

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. The project proponent requested the committee to amend the environmental clearance letter dated 08/03/2018 as per details given below:

1.	On-line proposal No.	SIA/UP/MIN/293074/2022
2.	File No. allotted by SEIAA, UP	3989
3.	Name of Proponent	Shri Surendra Kumar S/o Late Shri Shivmurti Bharti
4.	Full correspondence address of proponent	R/o: Vill- Berui, Post - Garapur

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	and mobile no.	Tehsil – Phoolpur, District – Prayagraj,(U.P.) Mobile no. – 9918645074 E mail ID - <a href="mailto:surendraberui@gmail.com">surendraberui@gmail.com</a>															
5.	Name of Project	Environmental clearance for ordinary sand mining from river bed of Yamuna, at Khand No. 14, Area – 4.69 ha at Village –Baswaar, Tehsil- Karchhana, District- Prayagraj, Uttar Pradesh of Shri Surendra Kumar.															
6.	Project Location (Plot. Khasra/Gata No.)	Khand No.- 14															
7.	Name of River	Yamuna															
8.	Name of Village	Village – Baswaar															
9.	Tehsil	Karchhana															
10.	District	Prayagraj															
11.	Name of Minor Mineral	Sand/Morrum Mining Project															
12.	Sanctioned Lease Area (in Ha.)	4.69 ha															
13.	Max. & Min mRL within lease area	Highest mRL - 70.00 mRL Lowest mRL - 68.00 mRL															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude N</th><th>Longitude E</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°22'49.60"N</td><td>81°47'57.10"E</td></tr> <tr> <td>B</td><td>25°22'49.20"N</td><td>81°47'55.20"E</td></tr> <tr> <td>C</td><td>25°23'05.50"N</td><td>81°47'55.90"E</td></tr> <tr> <td>D</td><td>25°23'06.80"N</td><td>81°48'00.20"E</td></tr> </tbody> </table>	Point	Latitude N	Longitude E	A	25°22'49.60"N	81°47'57.10"E	B	25°22'49.20"N	81°47'55.20"E	C	25°23'05.50"N	81°47'55.90"E	D	25°23'06.80"N	81°48'00.20"E
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C	25°23'05.50"N	81°47'55.90"E															
D	25°23'06.80"N	81°48'00.20"E															
15.	Total Geological Reserves	1,26,817 m <sup>3</sup>															
16.	Total Mineable Reserve	70,454 m <sup>3</sup>															
17.	Total Proposed Production	3,52,270 m <sup>3</sup> (5 years)															
18.	Proposed Production /year (as per LoI)	70,454 m <sup>3</sup> per annum															
19.	Sanctioned Period of Mine lease	Plan Period 5 years															
20.	Method of Mining	Opencast semi - mechanized															
21.	No. of worker	17															
22.	Type of Land	Govt./Non Forest Land															
23.	Depth of Mining	1.5 m															
24.	Nearest metalled road from site	1.00 km															
25.	Water Requirement	PURPOSE Drinking - 2.00 KLD Suppression of dust - 2.40 KLD Plantation - 2.00 KLD Others (if any) - 0.00 KLD Total - 6.40 KLD															
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024															
27.	Any litigation pending against the project or land in any court	No															
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 413/Khanij/2022-23, dated 19/05/2022															
29.	Details of Lease Area in approved DSR	Serial no. 14, in village -, Page no. 55															
30.	Project Cost	1.00 Crore															
31.	Proposed CER cost	2.00 Laacs															
32.	Length and breadth of Haul Road	Length – 0.55 km, Breadth – 6.00 m															
33.	No. of Trees to be Planted	500															

**RESOLUTION AGAINST AGENDA NO-08**

The committee discussed the matter and recommended to amend the environmental clearance letter no. 229/Parya/SEAC/3989/2018, dated 08/03/2018 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 229/Parya/SEAC/3989/2018, dated 08/03/2018 shall remain the same.



**9. Construction of 4656, G+3, EWS, Affordable Housing under Pradhan Mantri Awas Yojna at Basant Kunj Yojna, Sector-I, Hardoi Road Scheme, Lucknow; Lucknow Development Authority. File No. 6697/Proposal No. SIA/UP/MIS/69442/2022**

The Secretariat informed the committee that the project proposal was earlier discussed in 682<sup>nd</sup> SEAC meeting dated 06/09/2022 and directed the project proponent to submit following information:

1. Permission from CGWA/State Ground Water Authority regarding extraction of ground water in proposed Township to be submitted.
2. Clarification regarding proposed titled project whether the project relates to building construction or township/area development.
3. Proposal for Sewage Treatment Plant (STP) and Municipal solid waste treatment for disposal and treatment in township. Along with revised layout plan showing the location and required area for these facilities. Clear commitment regarding treatment of generated sewage and proper disposal of MSW.
4. Plan for parking along with electric vehicle charging station in the premises.
5. Revised plan for rain water harvesting (Recharging and storage of rain water).
6. The permission from the Airport Authority (NOC), if required.
7. Provide the dual pipeline network in the project for utilization of treated water (STP) for different purposes and also provide the monitoring mechanism for the same.
8. The Project proponent is to take permission in case of discharging treated water (STP) outside the premises. The permission shall be obtained from the Competent Authority.
9. Revised proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted.
10. Provide the detail of water requirement with supply source. Submit the MoU with concerned authority for STP treated water use in construction activity as proposed.

The project proponent submitted their replies vide letter dated 29/10/2022 and the matter was listed in 699<sup>th</sup> SEAC meeting dated 09/11/2022 for reply presentation. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s ENV DAS (India) Pvt. Ltd., Lucknow. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Construction of 4656, G+3, EWS, Affordable Housing under Pradhan Mantri Awas Yojna at Basant Kunj Yojna, Sector-I, Hardoi Road Scheme, Lucknow, Uttar Pradesh, M/s Lucknow Development Authority.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 472/Parya/SEIAA/6697/2021, dated 04/03/2022 and EIA report submitted by the project proponent on 13/08/2022.
3. The total plot area of the project is 1,44,270.68 m<sup>2</sup> and Built-up Area is 1,96,649.89 m<sup>2</sup> respectively.
4. 08 nos. of rain water harvesting pits are proposed to be constructed in the project.
5. Area details of the project:

S.NO	Description	Area (m <sup>2</sup> )	Percentage
1	Plot Area	1,44,270.68	100
2	Area Under PMAY Block	49,492.99	34.31
3	Area Under Open Space (Park + Parking & Green)	21697.29	15.04
4	Area Under Commercial	7788.71	05.04

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5	Area Under Police Chowki	740.65	00.51
6	Area under Health Centre+ N.H.	4822.17	03.34
7	Area under primary School	1004.01	00.71
8	Area under Educational	9156.76	06.34
9	Area under Garbage Collection	330.51	00.23
10	Area under Roads	49237.59	34.14
11.	Proposed Ground Coverage for residential	49,492.99	
12.	Max Ground Coverage for Commercial	3115.48	(@40%)
13.	Max Ground Coverage for Nursing Home & Health Centre	1446.65	(@30%)
14.	Max Ground Coverage for primary School	331.32	(@33%)
15.	Max Ground Coverage for Educational Institute	3204.86	(@35%)
	FAR Calculation (As per Town & Country Planning Organisation)		
16	Max FAR for Commercial	15,577.42	(@2.0)
17	Max FAR for Nursing Home & Health Centre	7233.25	(@1.50)
18	Max FAR for Educational Institute including primary School	15,241.15	(@1.50)
19	Total FAR Area (Commercial+ Nursing Home & Health Centre+ Educational Institute)	38,051.82	
20.	Total Non-FAR Area	9512.95	
21.	Total no. of Units	4656 units	
22.	Built up Area of 1 EWS unit	32.02	
23.	Total built up Area of all EWS units	32.02 × 4656 units = 1,49,085.12 m <sup>2</sup>	
24.	Total Built up Area of the project	1,96,649.89 m <sup>2</sup> (1,49,085.12+38,051.82+ 9512.95)	
25.	Number of floors	G+3	
26.	Height of the building	15m (EWS)	

**6. Land use details:**

S.no	Particulars	Area
1.	Area Under PMAY Block	49,492.99
2.	Area Under Open Space	21697.29
3.	Area Under Commercial	7788.71
4.	Area Under Police Chowki	740.65
5.	Area under Health Centre + N.H.	4822.17
6.	Area under Primary School	1004.01
7.	Area under Educational	9156.76
8.	Area under Garbage Collection	330.51
9.	Area under Roads	49237.59
	Total	1,44,270.68

**7. Population details:**

S.no.	Particular	Population
1.	Residential	23,280
2.	Students + staff	600
3.	Visitors	2400
4.	N.H & Health Centre	150 beds
5.	Visitors	300
6.	Staff (N.H & Health Centre)	200
	Total	26,930

**8. Water and waste water details:**

Water/Waste Water Details	
Drinking Water	2176 KLD
Flushing	1089 KLD
Horticulture / Landscape	108 KLD

Total Water Requirement	3373KLD
Source of water - Ground Water Supply	
Waste water - 2612 KLD	
Combined STP of 15 MLD is proposed at approx. 2km from the project site & will be constructed & managed by Jal Nigam. Waste water will be discharged in it.	

Water/Waste Water Details of Health Centre & Nursing Home	
Drinking Water	47 KLD
Flushing	21 KLD
HVAC	11 KLD
Total Water Requirement	79 KLD
Waste water - 63 KLD	
The 63 KLD of waste water (@80% of total Water i.e 79 KLD) will be generated from the Health Centre and Nursing Home which will be treated in ETP of capacity 75 KLD proposed at the site. After that the treated water will be discharged in the combined STP of capacity 15 MLD proposed nearby the site.	

**9. Solid waste generation details:**

S.No.	Particulars	Population	Waste generated (kg/day)
1.	Residential (@0.5kg/day)	23,280	11,640
2.	Visitors (@ 0.15kg/day)	2500	375
3.	Staff (@0.25 kg/day)	1550	387
4.	School Students (@0.25 kg/day)	300	75
Total Solid waste generated			12,477 Kg/day
Horticulture Waste(.0037/sqm/day)( 21697.29sqm)			80Kg/Day
E-Waste (0.15 kg/C/Yr)			10Kg/Day

**10. Waste generation details from health center:**

S.No.	Particulars	Population	Waste generated (kg/day)
1	Health Centre & Nursing Home(Solid Waste) (@2 kg/bed /day)	150 beds	300
2	Visitors (@ 0.15kg/day)	400	60
3	Staff (@0.25 kg/day)	250	63
Total waste generation			423 kg/day
Biomedical waste generation (@ 0.277 kg/day)		150 beds	42kg/day

11. Power requirement: 14000 KW from Madhyanchal Vidyut Vitran Nigam.

12. The project proposal falls under category-8(b) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 13/08/2022 mentioning is as follows:

1. I, Ipsita Pande, W/o Ankit Pande is EIA Coordinator of ENV Das India Pvt. Ltd.
2. I have prepared EIA/EMP report for the proposal no. SIA/UP/MIS/69442/2021 with project name : Construction of 4656, G+3, EWS, Affordable Housing under Pradhan Mantri Awas Yojna at Basant Kunj Yojna, Sector-I, Hardoi Road Scheme, Lucknow, Uttar Pradesh, M/s Lucknow Development Authority with my team.
3. I have personally visited the site of proposal and certify that no construction as explained & submitted by the proponent/development authority in their affidavit.
4. I have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application and hard copy/presentation submitted.
7. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 09**

**The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:**

**Additional Conditions:**

1. Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The proponent should provide the electric vehicle charging points/facility and also allocate the safe and suitable place in the premises of the housing project as per approved map of competent authority.
5. The Lucknow Development Authority (LDA) should provide the electric vehicle charging facility and also allocate the safe and suitable place in layout plan of the township area.
6. Under the township (project), different purposes of area/land has been allotted, it is mandatory that a separate Environmental Clearance shall be taken by the project/activity having built-up area more than 20,000 sqm and also those industry/activity covered under the provision of EIA Notification 2006, (as amended).
7. Lucknow Development Authority shall provide the captive facility for Municipal Solid Waste treatment and disposal to its residential township. The location of the site and area for MSW in the layout plan to be defined.
8. The project proponent shall submit the required permissions(NOC) from the concerned authority for establishment of the township. No construction/development activity shall be done at site without obtaining the required permissions.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. 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.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  5. 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.
  6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
  7. 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.
  8. 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.

9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
  4. 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 walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and 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.
  9. 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 mission standards.
  10. The gaseous emissions from DG set 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. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. 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.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. 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.
  5. 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.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.

7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. 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.
9. 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.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh 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.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. 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.
16. 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.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
  1. 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 monitored 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.
  2. 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.

3. 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.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. 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.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. 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, whichever is higher.
  6. 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.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. 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.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. 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.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
  8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. 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.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely 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 by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 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.
  3. 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.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. 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.
  2. 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.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all 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 plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ 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.
9. Human health issues :
1. 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.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. 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.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation



of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. 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.

11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. 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.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. 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.

15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**10. Cement Grinding Unit (Capacity 1100 TPD) at Khasra No. 357, Village: Kodra, Post: Purani Basti, District: Basti, U.P., M/s Bala Ji Industry, Shri Arun Jaiswal. File No. 6195/Proposal No. SIA/UP/IND/60660/2021**

The committee noted that the matter was earlier discussed in 659<sup>th</sup> SEIAA meeting dated 14/10/2022 and directed is as follows:

- a) ToR to this project was given on 11.06.2021 while data collection for preparing EIA-EMP was carried out during the period December 2020 to February 2021. PP / consultant to make available letters, duly acknowledged, submitted by them to District Administration, Basti and UP PCB before commencing data collection.*
- b) PP / consultant to make available registration of this unit with Industries Department, GoUP.*
- c) PP / consultant to make available certified true legible copy of land ownership / lease documents in favour of said industry.*
- d) PP / consultant to give details of air pollution measures to be installed at raw material handling point and transfer points.*

*Further, SEIAA opined to refer back to SEAC-2 for examining documents / reports submitted by PP / consultant and to give their opinion / recommendation to SEIAA.*

As per the direction of SEIAA, the matter was listed in 699<sup>th</sup> SEAC meeting dated 09/11/2022. The committee went through the file and documents and observed that neither the project proponent/consultant submitted the reply nor present in the meeting. Hence, the committee directed the project proponent/consultant to submit the replies of query/issues raised by the SEIAA and present their clarification along with proper documents before the SEAC.

The matter shall be discussed only after submission of online requests on prescribed online portal. The matter shall not be treated as pending at SEAC level.

**11. "Building Stone (Sand stone) Mining" at Arazi No.- 428 Village- Dhuriya, Tehsil-Chunar, District- Mirzapur, Shri Manish Singh Area- 2.828Ha. File No. 7092/Proposal No. SIA/UP/MIN/76270/2022**

The committee noted that the matter was earlier discussed in 643<sup>rd</sup> SEIAA meeting dated 25/08/2022 and directed is as follows:

*"SEIAA noted that the above project was taken in its 625<sup>th</sup> meeting in which SEIAA observed that Point no. 28 of salient features of the project mentions:-*

*"There are numbers of areas occupied by sensitive man made land uses within 15 km of radius only schools, small hospital and temples are present." Hence SEIAA opined that PP/consultant should clarify their statement and submit a letter from District Administration whether mining can be carried out with the presence of these sensitive man-made structures or not?"*

The project proponent has submitted his reply vide letter dated 03.08.2022 stating that it was a typographical error and there are no area occupied by sensitive man made land uses. This project was appraised by SEAC-2 in its 663<sup>rd</sup> meeting dated 16.06.2022, thus SEIAA opined to refer the reply to SEAC-2 for their deliberation/recommendation."

As per the direction of SEIAA, the matter was listed in 699<sup>th</sup> SEAC meeting dated 09/11/2022. The project proponent submitted their replies vide letter dated 01/08/2022 mentioned that due to typographical error in point no 28 of salient features mentioned as “There are number of areas occupied by sensitive man made land uses” instead of “There are no areas occupied by sensitive man made land uses”. As per the record file, the project proponent submitted the clarification along with the documents as follows:

- There is no man made construction within 1.0 km distance from the sanction mining lease area.
- The nearest man made temple lies at the distance of 1.41 km of said mining lease area.
- As per MCr-1960 and UPMMCR-1963, the man made construction should not be within or less than 50 m of mining lease area.
- Hospital – Primary health center hospital at Rampur Dhabahi – 7.80 km, SW direction from lease area.
- School – Primary School at madarpur – 3.19 km, SE direction from lease area.
- Worship – Bhandar Devi Temple at Bindpur Khurd – 1.41 km, SW direction from lease area.
- Community Facilities – Post Office at Ahraura – 4.40 km, SW direction from lease area.

**The committee went through the reply submitted by project proponent and found it satisfactory. The committee recommended to issue the terms of reference for the project proposal as earlier prescribed in stipulated in 633<sup>rd</sup> SEAC meeting dated 16/06/2022.**

**(Prof. Jaswant Singh)**  
**Member**

**(Dr. Shiv Om Singh)**  
**Member**

**(Dr. Dineshwar Prasad Singh)**  
**Member**

**(Tanzar Ullah Khan)**  
**Member**

**(Ashish Tiwari)**  
**Member-Secretary**

**(Dr. Harikesh Bahadur Singh)**  
**Chairman**

**Nodal, SEAC-2**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-2 during the meeting.