Minutes of 723th SEAC-2 Meeting Dated 24/01/2023

The 723^{th} meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 24/01/2023. Following members participated in the meeting:

1.	Dr. Harikesh Bahadur Singh,	Chairman, SEAC-2
2.	Dr. Amrit Lal Haldar,	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)

The Chairman welcomed the members to the 723th 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. <u>Group Housing Project at Plot No: GH-10, Sector- 4, New Moradabad Scheme, District-</u> Moradabad, U.P., Prabhleen Singh Saggu., 7499/SIA/UP/INFRA2/412260/2022

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. The project proponent informed the committee that the proposed land site has been allotted by Moradabad Development Authority on 19/06/2006 and no construction work has been undertaken by them till date. The project proponent also informed that there is no litigation pending against the aforesaid project.

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 Group Housing Project at Plot No: GH-10, Sector- 4, New Moradabad Scheme, District-Moradabad, U.P., M/s Jainco Developers Private Limited.
- 2. Total plot area of the project is 50084.27 m2 and built-up area is 93081.233 m2 respectively.
- 3. Maximum number of floors will be B+G+2 and maximum height of the building will be 11.1 m.
- 4. Total Saleable DU's (dwelling units) is 90.
- 5. Salient features of the project as submitted by the project proponent:

PROJECT	SUMMARY					
Sl. No.	Description	Total Quantity	Unit			
GENERA	L					
1	Plot Area	50084.27	SQMT			
2	Proposed Built Up Area	93081.233	SQMT			
3	Total no of Saleable DU's/Villas	90	No.			
4	Max Height - (Height of tallest block)	11.1	М			
5	No of Building Blocks (Residential + Community facilities)	90+2				
6	Max No of Floors	B+G+2	No.			
7	Expected Population (540 Residential+387 Floating)	927	No.			
8	Total Cost of Project	200	CR			
9	Proj Activity : Housing complex with community hall convt shopping facilities					
AREAS						
10	Permissible Ground Coverage Area (40%)	20034	SQMT			
11	Proposed Ground Coverage Area (39%)	19713.40	SQMT			

12	Permissible FAR Area (250)		125210.68	SOMT				
13	Proposed FAR Area		66584.356	SOMT				
14	Other Non FAR Areas - including basement are	ea etc.	21602.923	SOMT				
15	Proposed Total Built Up Area	93081.233	SOMT					
WATER	WATER							
16	Total Water Requirement		70	KLD				
17	Fresh water requirement		46	KLD				
18	Treated Water Requirement		24	KLD				
19	Waste water Generation		53	KLD				
20	Proposed Capacity of STP		65	KLD				
20	Treated Water Available for Reuse		48	KLD				
22	Treated Water Recycled		24	KLD				
22	Surplus treated water to be discharged in Munic	rinal Sewer	24	KLD				
25	with Prior permission	iipui sewei	21	KLD				
RAIN WA	TER HARVESTING							
24	Rain Water Harvesting - Recharge Pits		12	No				
PARKING	Rum Water Harvesting Reenarge 1115		12	110.				
25	Total Parking Required as / Building Bye Laws		143	ECS				
26	Proposed Total Parking	, 	485	ECS				
20	Parking in Basements		485	FCS				
GREEN A	RFA		105	LCS				
28	Proposed Green Area (15.2% of plot area)		7600	SOMT				
WASTE			/000	SQIIII				
29	Total Solid Waste Generation		0.4	TPD				
30	Organic waste		0.4					
31	Quantity of E-Waste Generation- Kg/Day		3 55	KG/DAV				
32	Quantity of Hazardous waste Generation	0.1						
32	Quantity of Sludge Generated from STP	<u>0.1</u>	KG/DAV					
ENERGY	Quantity of Studge Generated from STI		Т	RG/D/TI				
34	Total Power Requirement		1457	KW				
35	DG set backup	1250	KVA					
36	No of DG Sets		2x625	No				
6 Population details:								
	TION							
TOTOLA								
RESIDEN	TIAL	DU'S	POP/DU	TOTAL				
		Des	101700	POPULATION				
TOTALS	ALEABLE DU'S (All 3 BHK)	90	6	540				
TOTAL		70		540				
NON RES	IDENTIAL							
CLUB (Er	nplovees etc.)	Area						
CLUB		2075.30	1/50	42.				
COMMER	CIAL	624.62	As/NBC	62				
FACILITY MANAGEMENT STAFF			LS	30				
TOTAL				134				
VISITORS	2							
RESIDEN	TIAL		10% of Resdl	54				
			Population					
CLUB/CO	MMUNITY HALL		10% of Resdl	54				
	_	Population						
COMMER	CIAL		As/NBC	146				
TOTAL V	ISITORS			253				
TOTAL P	OPULATION			927				
				1				

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

The consultant (EIA Coordinator) also submitted an affidavit dated 23/01/2023 mentioning is as follows:

- 1. I, Suman Banerjee, S/o Shri Nanak Chandra Banerjee is EIA Coordinator of M/s Ind Tech House Consult.
- I have prepared the Application/Form-1, 1A & Conceptual Plan for the proposal no. SIA/UP/INFRA2/412260/2022, Project Name : Group Housing Project at Plot No: GH-10, Sector- 4, New Moradabad Scheme, District-Moradabad, U.P., M/s Jainco Developers 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 Application/Form 1, 1A & Conceptual Plan 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 EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 01

The committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

- 1. 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.
- 2. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
- 3. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
- 4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
- 5. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
- 6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
- 7. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
- 8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
- 9. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
- 10. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

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 and 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 andPM25) 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 a 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.
- 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 25th 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. <u>Group Housing at Khasra No.- 83, 84, 88 &90, Village- Malookpurkh, Tehsil –</u> <u>Mohanlalganj, Lucknow, Shri Ariz Abbas, M/s Dragon Age Realtors Pvt. Ltd.,</u> <u>7505/SIA/UP/INFRA2/412890/2023</u>

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 and Development, Lucknow, U.P. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

 The environmental clearance is sought for Group Housing project at Khasra No.- 83, 84, 88 & 90, Village- Malookpurkh, Tehsil – Mohanlalganj, Lucknow, U.P., M/s Dragon Age Realtors Pvt. Ltd.

S.N.	Area Details	Sq. Mts
1	Area of plot as per record	
	Document Area	11710.00
	As per site condition	14891.73
	Area of plot considered	9288.23
2	Deduction for	
	(a)Proposed Roads	1282.24
	Existing road area	1282.24
	(b)Any reservation	4321.26
	Area not in proposal	4321.26
	Total (A+B)	5603.50
3	Net area of Plot (1-2) Area of plot	9288.23
	Existing road area	1282.24
	Area not in proposal	4321.26
	Green and open space	1406.71
	Plot area for coverage	9288.23

2. Area details of the project:

4	Total permissible FAR area (@3.75)	34830.86
	Permissible FAR area (@2.50)	23220.58
	Permissible Paid FAR area (@1.25)	11610.28
5	Total proposed FAR area (@3.68)	34096.85
6	Permissible ground coverage area (50%)	4644.12
7	Proposed ground coverage area (21.52%)	1998.86
8	Non- FAR Area	8989.46
9	Total Built-up area (FAR+ Non- FAR Area)	43086.25
10	Parking space required	6215.00
	Parking space provided	6435.00

3. Salient features of the project as submitted by the project proponent:

1	Water Requirement	Fresh water demand – 162KLD
		Flushing water demand – 66KLD
		Total water requirement - 228KLD
	Waste Water	188 KLD
	STP Capacity	210 KLD
	Treated water	160 KLD
	Source of water	Ground water supply
2	Rain water harvesting pits (RWH pits)	04 no of rain water harvesting (RWH) pits proposed for
		effective recharge of rain water.
3	Power Requirement	2000 kW (Source : UPPCL)
	Backup Power	Backup DG sets: 125 KVA * 2Nos and 65kVA* 1Nos
4	Parking Details	
	Total Car parking Provided	6435.00Sqm
5	Man-power Requirement	61 nos
6	Solid Waste Details	
	Total Solid Waste Generation	1256 kg/day
	Landscape Waste (@0.0036/sqm/day)	5kg/day
	E-waste (0.15 kg/C/Yr.)	<1
	Management opted for organic waste	Organic waste convertor technology adopted for bio-
		degradable waste management.
7	Green area Details	
	Total proposed Green and Open Area	1406.71sqm
	Proposed No. of Trees	156

4. Tower details:

Building	Building Use	No	of	No of	Non-	Floor Name	Floor use
Name		Residential		Residential	1		
		units		units			
Block A	Residential	396nos		55nos		Basement floor	Residential &
						plan	parking
						Ground Floor Plan	Residential
						Typical 1-15 Floor	Residential
						Plan	
						Sixteenth Floor	Residential
						plan	
						Typical 17-22	Residential
						Floor Plan	
						Terrace Floor Plan	Residential
Block B	Residential	56nos		6nos		Ground Floor Plan	Residential
						Typical 1-7 Floor	Residential
						Plan	
						Terrace Floor Plan	Residential

5. Population details:

S. No.	Particulars	No of Units	Unit Population	Populations
				(persons)
1	Total Units	507		
	Residential GH units	446	5 persons per unit	2230
	Non- Residential units	61	5 person per unit	305
2	Total Population			2535

	Staff population	4	5% ot total populati	on		126.75			
	Visitor Population		10% of total popula	tion	253.5				
6. Wa	6. Water calculation details:								
S.No.	Description	Pop	ulation/area		FrW			FlW	TW
А	Group Housing Unit	Nos		LPCD	KLD	LI	PCD	KLD	KLD
1	Residential Unit	223	0	65	145	21	[47	192
2	Non- Residential	305		25	8	21		6	14
	Unit (Commercial)								
3	Staff	126		25	3	21	l	3	6
4	Visitors	253		25	6	21	l	5	12
В	Landscape	1406.71		2				2.8	2.8
	development								
С	DG set cooling	125 KVA * 2Nos and		0.9I/kVA/hr				2.3	2.3
		65kVA* 1Nos							
TOTAL					162			66	228
7. Sol	id waste details:				<u>+</u>				•
S.No.	. Category Wast		Waste Generation rate		Population		Wast	e C	enerated
	6 7	(kg/day)			1		(kg/d	ay)	
А	Group housing population	Broup housing population							
1	Residential unit	ential unit 0.5			2230		1115		
2	Non- Residential U	Residential Unit 0.2			305		61		

3 25.2 Staff 0.2 126 4 Visitors 0.2 253 50.6 В Landscape development 0.0037kg/sqm/day 1394 5 С E-Waste (0.15 kg/C/Yr) + 1.0 obsolete machinery

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/01/2023 mentioning is as follows:

- 1. I, Dr. Manjul Gupta, W/o Shri Saurabh Gupta is EIA Coordinator of M/s Paramarsh Servicing Environment and Development, Lucknow, U.P.
- I have prepared the Form-1, 1A report for the File No. 7505, Proposal no. SIA/UP/INFRA2/412890/2023, Project : Group Housing project at Khasra No.- 83, 84, 88 & 90, Village- Malookpurkh, Tehsil – Mohanlalganj, Lucknow, U.P., M/s Dragon Age Realtors 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 Application/EIA/EMP 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/presentation which will be submitted after acceptance of application.
- 7. The EC application/EIA/EMP report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

(Commercial)

The committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

- 1. 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.
- 2. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
- 3. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
- 4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
- 5. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
- 6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
- 7. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
- 8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
- 9. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
- 10. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

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.
 - 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 and 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 andPM25) 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 a 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.
 - 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 25th 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.
 - e. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - f. Traffic calming measures.
 - g. Proper design of entry and exit points.
 - h. 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.

3. <u>Ordinary Earth Mining project at Gata No.-272, Village: Ruknapur, Tehsil: Biswan,</u> <u>District-Sitapur, Shri Naseem, Area- 0.527 ha., 7510/SIA/UP/MIN/413166/2023</u>

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 and Development), Lucknow, U.P. 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 Ordinary Earth Mining project at Gata No.-272, Village: Ruknapur, Tehsil: Biswan, District-Sitapur, U.P., (Leased Area- 0.527 ha.).

	1 5		
1.	On-line proposal No.	Proposal No. SIA/UP/MIN/ 413166/2023	
2.	File No. allotted by SEIAA, UP	7510	
3.	Name of Proponent	Shri Naseem S/o Mohd Anees R/o 9/23, Mahrajaganj,	
		Biswan, Sitapur, Uttar Pradesh-261201	
4.	Full correspondence address of	Email.id- <u>naseemsoilec@gmail.com</u>	
	proponent and mobile no.	Mobile No	
5.	Name of Project	Environmental Clearance of proposed simple soil excavation	
		form Gata No 272 in Village: Ruknapur, Tehsil: Biswan,	
6	Device Leasting (Dist Khages/Cate	Coto Nos. 272	
0.	No.)	Gata Nos. 272	
7	Name of River	NA	
8	Name of Village	Ruknanur	
0.	Tehsil	Biswan	
10	District	Sitanur	
10.	Name of Minor Mineral	Ordinary Soil mining	
11.	Sanctioned Lease Area (in Ha)	A rea 0.527 ha	
12.	Max & Min mPL within losso area	Highest mPL 124.0 mPL	
15.	Wax. & Will link within lease area	I = 134.0 mRL	
14	Pillar Coordinates (Verified by DMO)		
17.		A 27°29'16 42"N 80°57'56 03"E	
		B 27°29'15.11"N. 80°57'58.36"E	
		C 27°29'13.13"N. 80°57'56.79"E	
		D 27°29'14.62"N, 80°57'54.67"E	
15.	Total Geological Reserves	13175 m ³	
16.	Total Mineable Reserve	10739 m ³	
17.	Total Proposed Production	10739 m ³ (3.0 months)	
18.	Proposed Production /year (as per LoI)	$10739m^3$ (3.0 months)	
19.	Sanctioned Period of Mine lease	Plan Period (3.0 months)	
20.	Method of Mining	Opencast semi-mechanized	
21.	No. of vehicles movement/day	15	
22.	Type of Land	Govt./Non Forest Land	
23.	Depth of Mining	2.50 m	
24.	Nearest metalled road from site	0.50 km	
25.	Water Requirement	PURPOSE	
		Drinking - 0.20 KLD	
		Suppression of dust - 1.80 KLD	
		Plantation - 0.20 KLD	
		Others (if any) - 0.00 KLD	
		Total - 2.20 KLD	
26.	Name of QCI Accredited Consultant	Paramarsh Servicing Environment and development	
	with QCI No and period of validity.	NABET/EIA/2124 RA 0224, Valid till –01 May 2024	
27.	Any litigation pending against the	No	
1	project or land in any court		

2. Salient features of the project as submitted by the project proponent:

28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No. 370/ Khanan/Sitapur/202-23 Dated 14/12/2022
29.	Details of Lease Area in approved DSR	Simple Soil Mining
30.	Project Cost	10.0 Lacs
31.	Proposed CER cost	0.5 Lacs
32.	Length and breadth of Haul Road	Length -0.20 km, Breadth -6.00 m
33.	No. of Trees to be Planted	200

- 3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6. There is no litigation pending in any court regarding this project.
- 7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 23/01/2023 mentioning is as follows:

- 1. I Dr. Surendra Vikram Ghavri, S/o Shri Pratap Kumar is EIA Coordinator of M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P.
- I have prepared Form-1, PFR and EMP report for the Ordinary Earth Mining project at Gata No.-272, Village: Ruknapur, Tehsil: Biswan, District-Sitapur, U.P., (Leased Area- 0.527 ha.) Proposal No. SIA/UP/MIN/413166/2023 with my team.
- 3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- 4. I have satisfied with that all the necessary data/information required for Form-1, PFR and EMP presentations 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 will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
- 7. The EC report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

4. <u>Building stone (Sandstone) Project at Gata No.- 3 Gha, Village– Manikpur, Tehsil- Lalganj,</u> <u>Mirzapur Smt. Mithilesh Kumari, Area-3.643 ha. 7512/SIA/UP/MIN/413042/2023</u>

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 and Development, Lucknow, U.P. 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 Building Stone (Sand stone) Mining at Araji/Gata no.-3 Gha,Village-Manikpur, Tehsil-Lalganj, District-Mirzapur, U.P., (Leased Area- 3.643 ha.).

2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/413042/2023
2.	File No. allotted by SEIAA, UP	7512

2	Newser	Cont Med.1	. I. D. I.			
3.	Name of Proponent	Smt. Mitniesh Dubey				
4.	Full correspondence address of proponent	R/oKalna Dubey, Gaipura, Tehsil- Sadar, District-				
	and E-mail Id	Mırzapur,				
		State-Uttar	Pradesh			
		E-mail Id- n	nithileshdubey541	<u>8@gm</u>	ail.com	
5.	Name of Project	"Building st	tone (Sandstone)"	Project	at Gata No3 Gha,	
		Village- Ma	nikpur, Tehsil- La	ılganj, l	District- Mirzapur,	
		Uttar Prades	sh			
6.	Project Location (Plot.Khasra/Gata No.)	Gata No3	Gha, Village- Ma	nikpur,	Tehsil- Lalganj,	
		District-Mi	rzapur, Uttar Prad	esh	0.0	
7.	Name of River	NA				
8.	Name of Village	Manikpur				
9.	Tehsil	Lalgani				
10	District	Mirzapur				
11	Name of Minor Mineral	Building Ste	one (Sandstone) M	lining		
12	Sanctioned Lease Area (in Ha)	3 643 ha	one (Sunastone) iv	ming		
12.	Max & Min mPL within lease area	Highest mP	Lis 148 60& Low	act is 1	20.80 mPI	
13.	Piller Coordinates (Verified by DMO)	Tingliest link	LIS 140.00& LOW	CSI 15 1.	39.00 IIIKL	
14.		Dillara	NT		Б	
		Pillars	IN 250 02122 101	INT	E 92020/27 (0//F	
		A	25° 02'33.10'	'N	82°20'27.60"E	
		В	25° 02'31.10'	'N	82°20'33.40"E	
		C	25° 02'26.22'	'N	82°20'31.38"E	
		D	25° 02'25.30'	'N	82°20'29.90"E	
		E	25° 02'27.50'	'N	82°20'24.40"E	
15.	Total Geological Reserves	$7,04,572 \text{ m}^3$				
16.	Total Mineable Reserve (as per Approved	4,55,178 m ³				
	Mine Plan)					
17.	Total Proposed Production (In 5 Years)	2,00,000 m	³ (In 5 Years)			
18.	Proposed Production/year	$40,000 \text{ m}^3/\text{y}$	vear			
19.	Sanctioned Period of Mine lease	10 years				
20.	Method of Mining	Opencast, S	Semi-Mechanized			
21.	No. of working days	300				
22.	Working hours/day	8				
23.	No. of worker	52				
24	Type of Land	Govt land				
25	Illtimate of Depth of Mining	Unto125 ml	51			
25.	Nearest metalled road from site	270 Km				
20.	Water Paguirement			DEOI	IIDEMENT (VID)	
27.	water Requirement	Drinking				
		Summagaian	of dust	0.321		
		Blantation	Suppression of dust		2.08 KLD	
		Othang (if			λLD	
		Tatal	1y)	-	ZLD	
20			· · · ·	<u>3.20 ł</u>		
28.	Name of QCI Accredited Consultant with	Paramarsh servicing environment and development				
	QCI No and period of validity.	Lucknow		1040		
			Certificate noNABET/EIA/2124/RA 0224			
		Valid Till-m	nay 01/2024			
29.	Any litigation pending against the project or	No				
	land in any court					
30.	Details of 500 m Cluster Certificate verified	vide letter n	o. 2481/khanij/202	22-23		
	by Mining Officer					
31.	Details of Lease Area in approved DSR	3.643 ha.				
32.	Proposed CER cost	Rs. 1.8 Lak	hs			
33.	Proposed EMP cost	Total projec	t cost- Rs. 90 lakh	ns,		
34.	Distance of Haul Road	270 m				
35.	No. of Trees to be Planted	300				

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

- 4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6. There is no litigation pending in any court regarding this project.
- 7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 23/01/2023 mentioning is as follows:

- 1. I, Dr. Surendra Vikram Ghavri, S/o Shri Pratap Kumar is EIA Coordinator of M/s Paramarsh Servicing Environment and Development.
- 2. I have prepared the TOR application report for the proposal Building Stone (Sand stone) Mining at Araji/Gata no.-3 Gha,Village-Manikpur, Tehsil-Lalganj, District-Mirzapur, U.P., (Leased Area-3.643 ha.) with my team.
- 3. I have personally visited the site of proposal and certify that no Mining 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 TOR 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 application for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

- 1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
- 2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
- 3. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
- 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
- 6. Combined KML of all mines in a cluster should be submitted at the time of EIA.

- 7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
- 9. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
- 10. 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 at the time of EIA presentation.
- 11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
- 12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
- 13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

5. <u>Building stone (Sandstone) Project at Gata No.-3 Kha, Village– Manikpur, Tehsil-Lalganj,</u> <u>Mirzapur, Shri Rama Mishra, Area-1.57 ha., 7513/SIA/UP/MIN/413098/2023</u>

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 and Development, Lucknow, U.P. 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 Building Stone (Sand stone) Mining at Araji/Gata no.-3 Gha,Village-Manikpur, Tehsil-Lalganj, District-Mirzapur, U.P., (Leased Area- 3.643 ha.).

2.	Salient	features	of the	project a	as submitted	by the	project p	proponent:
				1 ./		~		

1.	On-line proposal No.	SIA/UP/MIN/413098/2023				
2.	File No. allotted by SEIAA, UP	7513				
3.	Name of Proponent	Shri Ramasl	nankar Mishra			
4.	Full correspondence address of proponent	R/o- Villa	ge- Manikpur, Tehs	il- Lalganj, District-		
	and E-mail Id	Mirzapur, U	ttar Pradesh.			
		E-mail Id- ramashankarmishra5418@gmail.com				
5.	Name of Project	"Building stone (Sandstone)" Project at Arazi No3 Kha,				
		Village– Manikpur, Tehsil- Lalganj, District–Mirzapur,				
		Uttar Pradesh By Shri Ramashankar Mishra				
6.	Project Location (Plot.Khasra/Gata No.)	Gata No 3 Kha, Village-Manikpur, Tehsil- Lalganj,				
		District-Mirzapur, Uttar Pradesh				
7.	Name of River	NA				
8.	Name of Village	Manikpur				
9.	Tehsil	Lalganj				
10.	District	Mirzapur				
11.	Name of Minor Mineral	Building Sto	one (Sandstone)			
12.	Sanctioned Lease Area (in Ha.)	1.57 ha.				
13.	Max. & Min mRL within lease area	Highest mR	Lis 146.6& Lowest is	143.8 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillars	Ν	E		
		A	25°02'36.87"N	82°20'38.73"E		
		В	25°02'36.26"N	82°20'42.05"E		
		C	25°02'30.99"N	82°20'40.86"E		
		D	25°02'31.71"N	82°20'37.53"E		
15.	Total Geological Reserves	3,15,900 m ³				
16.	Total Mineable Reserve (as per Approved	$2,00,430m^3$				
	Mine Plan)					

17.	Total Proposed Production	1,00,000 m ³ (In 5 Years)	
18.	Proposed Production/year	20,000 m ³ /year	
19.	Sanctioned Period of Mine lease	10 years	
20.	Method of Mining	Opencast, Semi-Mechanized	
21.	No. of working days	300	
22.	Working hours/day	8	
23.	No. of worker	52	
24.	Type of Land	Govt. land	
25.	Ultimate of Depth of Mining	Upto125mRL	
26.	Nearest metalled road from site	270 m	
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.52 KLD
		Suppression of dust	2.08 KLD
		Plantation	0.50 KLD
		Others (if any)	-
		Total	3.10 KLD
28.	Name of QCI Accredited Consultant with	Paramarsh servicing environm	nent and development
	QCI No and period of validity.	Lucknow	
		Certificate noNABET/EIA/2	2124/RA 0224
		Valid Till-may 01/2024	
29.	Any litigation pending against the project or	No	
	land in any court		
30.	Details of 500 m Cluster Certificate verified	vide letter no. 2480/khanij/20	22-23
	by Mining Officer		
31.	Details of Lease Area in approved DSR	1.57 ha.	
32.	Proposed CER cost	Rs. 5.6 Lakhs	
33.	Proposed EMP cost	Total project cost- Rs. 78 Lak	h
34.	Distance of Haul Road	270 m	
35.	No. of Trees to be Planted	250	

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

- 4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6. There is no litigation pending in any court regarding this project.
- 7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 23/01/2023 mentioning is as follows:

- 1. I, Dr. Surendra Vikram Ghavri, S/o Shri Pratap Kumar is EIA Coordinator of M/s Paramarsh Servicing Environment and Development.
- 2. I have prepared the TOR application report for the proposal Building Stone (Sand stone) Mining at Araji/Gata no.-3 Gha,Village-Manikpur, Tehsil-Lalganj, District-Mirzapur, U.P., (Leased Area-3.643 ha.) with my team.
- 3. I have personally visited the site of proposal and certify that no Mining 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 TOR 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 application 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 to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

- 1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
- 2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
- 3. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
- 4. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 5. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
- 6. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 7. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 8. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
- 9. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
- 10. 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 at the time of EIA presentation.
- 11. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
- 12. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
- 13. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

6. <u>Ordinary Soil Project at at Gata No.–16 & 72, Village- Sharifnagar, Tehsil-Thakurdwara&</u> <u>District- Moradabad, Area:1.639 ha., 7519/SIA/UP/MIN/413074/2023</u>

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. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

- The environmental clearance is sought for "Ordinary Soil Excavation" project at Gata No.-16, 72, Village- Sharifnagar, Tehsil- Thakurdwara, District- Moradabad, Uttar Pradesh, (Leased Area-1.639 ha.).
- 2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/413074/2023			
2.	File No. allotted by SEIAA, UP	7519			
3.	Name of Proponent	Shri Pushpendra Singh S/o Shri Harphool Singh			
4.	Full correspondence address of proponent and	Village-Rehmapur, Tehsil- Jaspur & District-U.S.			
	mobile no.	Nagar (Uttarakhand).			
5.	Name of Project	Ordinary Soil Excavation" project named Shri.			
		Pushpendra Singh at Gata No16,72 in the Village-			
		Sharifnagar , Tehsil- Thakurdwara, District-			
		Moradabad, Uttar Pradesh. Area:1.639 Ha.			
6.	Project Location (Plot.Khsra/Gata No.)	Gata No16,72			
7.	Name of Village	Sharifnagar			
8.	Tehsil	Thakurdwara			
9.	District	Moradabad			
10.	Name of Minor Mineral	Ordinary Soil			
11.	Sanctioned Lease Area (in Ha.)	1.639 Ha			
12.	Max. & Min mRL within lease area	202.00 mRL & 200.00mRL			
13.	Pillar Coordinates (Verified by DMO)	Sr. No GATA NO. 16			
		Latitude Longitude			
		A 29°13'29.67"N 78°46'26.00"E			
		B 29°13'27.02"N 78°46'28.43"E			
		C 29°13'26.12"N 78°46'25.56"E			
		D 29°13'26.41"N 78°46'25.43"E			
		E 29°13'25.64"N 78°46'21.45"E			
		Sr. No GATA NO 72			
		Latitude Longitude			
		A 29°13'23.59"N 78°46'28.97"E			
		B 29°13'25.51"N 78°46'30.78"E			
		C 29°13'22.99"N 78°46'33.34"E			
		D 29°13'21.80"N 78°46'32.18"E			
14.	Total Geological Reserves	36058 m ³			
15.	Total Mineable Reserve	29665.9 m ³			
16.	Proposed Production	$15800 \text{ m}^3/3 \text{ months}$			
17.	Sanctioned Period of Mine lease	3 months			
18.	Method of Mining	Open cast Manual / Semi Mechanized Mining			
		Method			
19.	No. of working days	90 Days			
20.	Working hours/day	8 Hours			
21.	No. of workers	18 workers			
22.	No. of vehicles movement/day	20 Trucks / Day			
23.	Type of Land	Pvt. Land (Uneven Agricultural Land)			
24.	Ultimate of Depth of Mining	2.2 m			
25.	Nearest metalled road from site	1.0 Km			
26.	Water Requirement	PURPOSE REQUIREMENT (KLD)			
		Drinking 0.18			
		Suppression 1.08			
		of dust			
		Plantation 0.05			
		Others (If -			
		any)			
27					
27.	Name of QCI Accredited Consultant with QCI No	ind Tech House Consult Certificate No-			

	and period of validity.	NABET/EIA/2023/SA 0174/Rev .01
		Period of Validity- 29-04-2023
28.	Any litigation pending against the project or land	No
	in any court	
29.	Details of 500 m Cluster Map & Certificate	Letter No 452/2/Khanij/2021, Date-20.10.2021
	verified by Mining Officer	
30.	Proposed EMP cost	1.18 Lakhs
31	Proposed total Project cost	12.47 Lakhs
32.	Length and breadth of Haul Road	180 m Length & 6m width haulage road
33	No. of Trees to be Planted	Trees

- 3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6. There is no litigation pending in any court regarding this project.
- 7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 24/01/2023 mentioning is as follows:

- 1. I, Umesh Pratap Singh Chauhan, S/o Late Surya Pal Singh Chauhan is EIA Coordinator of M/s Ind Tech House Consult.
- 2. I have prepared EMP report for the project "Ordinary Soil Excavation" project at Gata No.-16, 72, Village- Sharifnagar, Tehsil- Thakurdwara, District- Moradabad, Uttar Pradesh, (Leased Area-1.639 ha.) with my team.
- 3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- 4. I have satisfied with that all the necessary data/information required for EC presentations 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 will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
- 7. The EC report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

7. <u>Group Housing Project "Roma Entertainment City" at Plot No.- 169,170,174 Village-Visokhar, Pargana-Dehat Amanat, District- Varanasi, M/s Roma Builders & Promoters Private Limited., 7520/SIA/UP/INFRA2/413742/2023</u>

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. The project proponent informed the committee that the proposed land site has been purchased by M/s Roma Builders & Promoters Pvt. Ltd. on 30/07/2016 and no construction work has been undertaken by them till date.

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 Group Housing Project "Roma Entertainment City" at Plot No. 169, 170, 174, Village-Visokhar, Pargana-Dehat Amanat, District- Varanasi, U.P., M/s Roma Builders & Promoters Private Limited.
- 2. Site surrounding details:

Particul	ars	Details				
Locatio	n	Plot No. 169,170,174 Village-Visokhar, Pargana-DehatAmanat,				
		Dist Varanasi, U.P.				
Type of	Industry	Building & Large Construction Project				
Categor	'Y	B, Type- 8(a)				
Latitude	e & Longitude	A-25.250674	°, 82.942164°			
	C C	B- 25.250409	9°, 82.943007°			
		C- 25.249679	9°, 82.942774°			
		D- 25.249677	7°, 82.942410°			
		E- 25.249992	2°, 82.941864°			
Elevatio	on (m) above MSL	78 m				
Current	status of land	Mixed Land	use			
Type of	facilities	Residential H	Building			
Nearest	Highway	NH-19 Vara	nasi Prayagraj Road (Grand Trunk	Road)		
Nearest	railway station	Varanasi June	ction Railway Station: 9.5km (NE)			
Nearest	airport	Lal Bahadur	Shastri International Airport, Babatp	our		
		Approx23ki	m (NW)			
Protecte	ed areas as per Wildlife Protection	None				
Act, 19'	72 (Tiger reserve, Elephant reserve,					
Biosphe	eres, National parks, Wildlife					
sanctua	ries, community reserves and					
conserv	ation reserves)					
Reserve	ed/Protected Forests	Chandraprabha Wildlife Sanctuary -41 km(SW)				
Rivers/l	Lakes	River Ganaga approx.: 8.5 km (E)				
		Varuna River: 8km (N)				
Archaeo	ological important places	Sarnath appro	ox.:15km (NE)			
		Chunar Fort:	15 km (SW)			
		Dasaswamed	h Ghat:10 km (NE)			
Seismic	zone	Seismic Zone	e III			
Defense	e installations	Varanasi Cantonment Board Approx. 9km (N)				
3. Ar	ea details of the project:					
Sl.No.	Description		Area (m ²)	Percentage		
1.	Total Plot Area (as per deed)		8220.00	100		
2.	Total Plot Area (as per site)		8189.12			
3.	Area left for Road Widening (206.3	6+143.69)	350.05			
4.	Net Plot Area (8189.12-350.05)	,	7839.07			
5.	Area for green belt & service road		1508.36			
6.	Net Balance Plot Area		6330.71			
	(7839.07-1508.36)					
7.	Green Area required		949.61	15 %		
8.	Green Area Proposed		1100.39	17.38 %		
9.	Permissible Ground Coverage		2532.28	40%		
10.	Proposed Ground Coverage		2530.56	40%		
11	Permissible FAR		15826.775	@2.5		
12	Permissible Purchasable FAR		6330.71	1.00		
13	Extra FAR					
	For green belt & services		1885.45			
	For road widening		437.56			
	For LIG & EWS		1261.6			
	Total		3584.61			
14	Total permissible FAR		25,742.10			

15	Total P	otal Proposed FAR					245	87.78			
16	Baseme	asement					4555.34				
17	Stilt Ar	Stilt Area						420.91			
18	Service	s Area					880.79				
19	Balcon	y Area					370	9.16			
20	Total N	lon-Far	Area				956	6.208			
	(Basem	tent +	Stilt Area-	- Sei	vices A	Area +					
21	$\frac{1}{2} = \frac{1}{2} $							133 438			
22	Numbe	r of floc	ors	1 41 7 1	leaj		B-	+ S/G +14			
23	Height	of the b	uilding				44.9	90 M.			
24	Total n	o. of Un	its				180	Units			
25	Popula	tion					5 pc	ersons per	flat	900 persons	
26	Power						Pov	ver: 3200	KVA	•	
							Sou	rce of Po	wer:		
							Stat	te Grid Sı	ıpply		
27	Power	Backup					DG	Set no: 2			
							Cap	acity: 1 x	/50 KVA		
20	Dortrin	r Dotail	,				1 X	300 K V A			
20	Parking	Requir	ed.				280	FCS			
30	Parking	Provid	ed				209	LCS			
	Basema	ent	~~				97			292 ECS	
	Stilt Ar	rea					21				
	Multile	vel/Med	hanized car	oarkin	g		174				
4.	Land use d	etails:			0						
Sl. N	0	Detail	s						Area(m ²)		
1.		Groun	d Coverage						2530.56		
2.		Green	area						1100.39 (60 nos. tree	e proposed to be	
									planted.		
3.		Intern	al road circul	ation	& Other	· services			2699.76		
		Total							6330.71		
5.	Water calc	ulation	details:								
SI.	Water		$\frac{\text{unit}}{2}$	Tota	ıl	Rate	of	Total	Total	Total Water	
NO.	Descriptio	n	(in m)	Occi	upancy	water	A	Fresh	Flushing/Recycled	(KID)	
						(lpcd)	u	(KID)	water (KLD)	(KLD)	
1	Residentiz	1	180 units	900		Fresh		81 0	41.0	122	
		••	100 units	200		Water	a)	01.0	11.0	122	
						90 LPC	CD				
						Flushir	ng				
						Water	@				
						45LPC	D				
2.	Visitors			90		Fresh	\sim	0.9	0.45	1.35	
	(10% of	total				Water					
	nonulation	ו א)				Fluchie	ער				
		1)				Water	ig @				
				SI PCD) "					
3.	Staff			45 Fresh				1.35	0.65	2.0	
	(5% of	total		Water		(a)					
	residential 30 LPC		CD								
	population	n) +				Flushir	ng				
	Staff @ sh	nop				Water	a				
T · ·						15 LPC	Ĵ	02.5	42	12(
1 ota	I Domestic	water	1100.202		Nor			83.5	42	120	
4.	Landscape	5	1100.39 m		monsor	on@51/m	a^2	-	0.0	0.0	
					Monse	$\operatorname{on}(\mathcal{A})$	05				
					LPD/S	QM					

Minutes of 723th SEAC-2 Meeting Dated 24/01/2023

			Total demand	Water	84	48	132	
						Fotal 132		
6. Waste	e water detai	ls:						
Water/Wa	ste water Deta	ails						
Fresh Wat	er			84 KLD				
Flushing				42 KLD				
Horticultur	re (Summer)			6 KLD				
Total wate	r requirement			132 KLD				
Recycled v	vater			48 KLD				
Source of	water –Ground	d water and Recycl	ed Water	r .				
Waste wat	er: Approxim	ately 101 KLD wa	aste wate	er will be pro	oduced in	operation pl	hase of the project which	
will be tre	ated in the pr	oposed onsite STP	P of 125	KLD and re-	-circulate	d for the low	v end uses (Flushing, and	
horticultur	e).							
STP Tech	nology: MBB	R						
7. 05 no	s. of rain wa	ter harvesting pits	s are pro	posed for re	echarge o	of ground w	ater.	
8. Parki	ng details:							
Required N	No. of Parking				289 ECS	5		
Parking Pr	ovided			292 ECS				
В	asement			97				
S	tilt				21			
N	Iultilevel/Mec	hanized Parking			174			
9. Solid	waste genera	ation details:						
Sl. No.	Particulars			-	Population	n	Waste generated in	
							kg/day	
1 Residential (@0.5kg/day)				1	900		450	
2 Visitors (@0.15kg/day)				1	90		13.5	
3	Staff (@ 0.2	5kg/day) including	g commei	rcial 4	45		6.75	
Total Solid	l waste genera	ited		·			470	
Horticultur	re Waste (@ .	0037/sq/day)			1100.39 n	n ²	4.0	
E-Waste ().15 kg/C/Yr)				-		Less than	
	- ,						1 kg/day	
STP sludg			-		4 5			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 21/01/2023 mentioning is as follows:

- 1. I, Ipsita Pande, W/o Ankit Pande am EIA Coordinator of M/s ENV DAS (India) Pvt. Ltd., Lucknow.
- 2. I have prepared Form-1, Form-1A & Conceptual Plan for the proposal no. SIA/UP/INFRA2/413742/2023 & File No. 7520 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 have satisfied with that all the necessary data/information required for report preparations are true and correct.
- 5. I certify that this project proposal has been uploaded again on Parivesh Portal after the withdrawal of previous project which has been accepted by SEIAA, UP on Parivesh Portal. 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 EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

The committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

- 1. 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.
- 2. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
- 3. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
- 4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
- 5. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
- 6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
- 7. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEFCC, Lko/Director of Environment and other concerning authority regularly.
- 8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
- 9. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
- 10. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

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 and 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 andPM25) 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 a 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:
 - 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.
 - 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 25th 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.
 - i. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - j. Traffic calming measures.
 - k. Proper design of entry and exit points.
 - 1. 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 :
 - 7. 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.
 - 1. For indoor air quality the ventilation provisions as per National Building Code of India.
 - 2. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 - 3. 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.
 - 4. Occupational health surveillance of the workers shall be done on a regular basis.
 - 5. 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.

8. <u>Group Housing Project "URBANAC SKY MANSION" at Khasra No.- 477, 478, 479KA, 611, 612 Village - Mastemau, Tehsil - Mohanlalganj, Lucknow, M/s Chinmay Developers.</u> 7521/SIA/UP/INFRA2/413744/2023

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 and Development, Lucknow, U.P. 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 Group Housing Project "URBANAC SKY MANSION" at Khasra No.- 477, 478, 479KA, 611, 612, Village- Mohanlalganj, Lucknow, Uttar Pradesh, M/s Chinmay Developers.

1 5	
Project Location	Proposed Group Housing Project "Urbanac Sky Mansion" at Khasra No 477, 478, 479KA, 611, 612 Village - Mastemau, Tehsil - Mohanlalganj, Lucknow,
	M/s Chinmay Developers
Land Use	The project comes under residential land use as per Lucknow Master Plan 2031.
Built-up Area	The total plot area of project site is 9287.00 sqm and the Built-up area of the project is 42363.10 sqm.
Total Water Requirement and	Total fresh water requirement is 30 KLD and it shall be sourced through
source	ground water.
Waste Water Generation and its	35 KLD Waste water will be generated and shall be treated in the sewage
Treatment	treatment plant having capacity of 75 KLD. Treated water shall be re-used
	for flushing, green area and DG Set cooling.
Solid Waste	Total solid waste- 235 KG/day
	Management of Solid waste as per the solid waste management Rule, 2016
	and organic waste converter shall be installed for biodegradable waste
	management.
Rain Water Harvesting	01 Rain Water Harvesting Pits is proposed.
Power Requirement and backup	Total Power Demand is 1000 Kw
in case of power failure	Source of Power is Grid Supply.
	1 No of D.G. Sets of capacity 500 KVA to be installed for power backup
	only.
Project Cost	Rs. 125 Crore
CER Cost	Rs. 1.8 Crore [1.5% of project cost]

2. Salient features of the project as submitted by the project proponent:

3. Area details of the project:

S.No.	Description	Area(m ²)									
1.	Plot Area as per record	9287.00									
2.	Area as per site condition	9287.00									
3.	Area of plot considered	9287.00									
4.	Permissible Ground Coverage [@ 40% of Plot Area]	3714.80									
	Proposed Ground Coverage [@ 16.58% of Plot Area]	1539.91									
	Plot Area for F.A.R.	9287.00									
5.	Permissible F.A.R. @2.50	23217.50									
	Incentive F.A.R. against EWS and LIG	684.00									
	Permissible Paid F.A.R. Area @1.25	11608.75									
6.	Total Permissible F.A.R. Area with Paid F.A.R. @3.75	34826.25									
	Total Permissible F.A.R. Area @3.82	35510.25									
	Total paid proposed F.A.R. Area	8999.73									
6.	Total Permissible F.A.R. Area with Paid F.A.R. @3.75Total Permissible F.A.R. Area @3.82Total paid proposed F.A.R. Area	34826.25 35510.25 8999.73									
	7.		F	FAR & BU	JILT-AP AF	REA DE	TAILS				
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		Gross	Built up Area	Tower (1)					1860	02.04 sqm	
1		No. of Units in Tower (1)					44				
1		Total	F.A.R. Area To	ower (1)				16450.57 sqm			
1		Gross	Built up Area	Tower (2)				23866.63			
1		No. of	Units in Towe	er (2)					44		
İ		Total	F.A.R. Area To	ower (2)					1645	50.57	
İ		TOTA	L F.A.R. Area	l					3290)1.23	
		TOTA	L BUILT-UP	Area					4236	53.10	
4.	Popula	ation de	tails:								
S.		Particul	ars				No	. of Units		Population	ı
No.							/ A	rea			
1.		Main D	welling units p	rovided			88				
2.		Residen	tial Population	@ 5 pers	ons/du					440	
3.		Visitors	(10 % of the R	Residential	Population)				44	
4.		Staff	Population	(a)	5%	of				22	
		resident	ial population								
		Total								506	
5.	Water	calcula	tion details:	1							,
S .	Descri	iption	Population/		Freshwat		Flushi	Tota	Flow t	to sewer	Wastewa
N			Area		er		ng	1			ter
0							Water	Wat			
			N 7	LDOD	WID	ING	WID	er			WID
			Nos.	LPCD	KLD		KLD	KLD	Dome	s Flushi	KLD
						D				ng	
A	Total		440	65	20	21	0.24	20.2	80%	80%	20.5
A	nopule	otion	440	05	29	21	9.24	50.2 4	23.2	7.5	50.5
	Staff	uion	22	30	1	15	0.33	1 3 3	1	0.2	1.2
	Popula	ation	22	50	1	15	0.55	1.55	1	0.2	1.2
	Float	ation	44	5	0.22	10	0.44	1	0.2	0.1	0.3
	ting				0.22	10	0	-	0.12	0.11	0.0
	Popula	ation									
В	Green	Area	1441.71	2			3	3			
С	DG Se	et	500	0.91/K				3			
				VA/hr							
				for 6							
				hr							
TO	TAL				30.22		13	47~5	24.4	8	32.5 ~ 35
								0			
6.	Solid	waste de	etails:			-					-
S.N	0	Particu	lar			Popula	tion	W	aste gei	nerated kg/d	lay
1.		Resider	ntial (@ 0.5 kg	/day)		440		22	20		
2.		Visitor	s(a) 0.15 kg/da	ay)		44		7			
3.		Staff (@	v 0.15 kg/day	0.00051		22		3			
4.		Green	Area waste (@)	0.0036/sq/	(day)			5			
-		Total N	<u>15W</u>	```				2.	35		
5.	D 1	E-wast	e(0.15 kg/C/Y)	r.)				<	I		
/.	Parkin	ig detail	S:				_ D				
V-1	viale T		Required		A		Prop	osed	г	Δ	
Ver E m	licie Ty	pe Car	INO.		Area [sqm]		NO.			Area [sqm]	
Equ	uvalent	Car	-		-		134			1842.30	
	al Car		132		1815.00		124			18/2 50	
Via	ai Car	Cor	152		1013.00		134			275.00	
V 1S	nor s king	Car	-		10130		20			213.00	
r ar	ning or Dorla	ina								1356.82	
	ol rarki	шg	-				- 647/	1 2 2		+220.03	
101	al		1990.30				04/4	+.33			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 20/01/2023 mentioning is as follows:

- 1. I, Pramod Kumar Vishwakarma, S/o Shri R.P. Vishwakarma is EIA Coordinator of M/s Paramarsh Servicing Environment and Development, Lucknow, U.P.
- I have prepared the Form-1, 1A report for the File No. 7521, Proposal no. SIA/UP/INFRA2/413744/2023, Project : Group Housing Project "URBANAC SKY MANSION" at Khasra No.- 477, 478, 479KA, 611, 612, Village- Mohanlalganj, Lucknow, Uttar Pradesh, M/s Chinmay Developers 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 Application/EIA/EMP 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/presentation which will be submitted after acceptance of application.
- 7. The EC application/EIA/EMP report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

The committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

- 1. 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.
- 2. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
- 3. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
- 4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
- 5. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
- 6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
- 7. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEFCC, Lko/Director of Environment and other concerning authority regularly.
- 8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
- 9. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
- 10. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

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.
- 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 and 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 andPM25) 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 a 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.
- 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 25th 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.
 - m. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - n. Traffic calming measures.
 - o. Proper design of entry and exit points.
 - p. 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.

9. Expansion of Phase-II of Housing Scheme "ELDECO IMPERIA" at Khasra No.- 119, 122, 123, 124, 125, 126, 129, 131, 138,139, 140, 293SA at Village - Jaitikhera, Pargana - Bijnaur, Tehsil- Sarojininagar, Lucknow, U.P., M/s Eldeco Housing And Industries Limited., 7522/SIA/UP/INFRA2/413798/2023

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult, Delhi. The committee noted that the environmental clearance for the existing project was issued by SEIAA, U.P. vide letter no. 132/Parya/SEAC/4763/2019, dated 28/06/2019 for the plot area 68,00 sqm and built up area 47,077.09 sqm. The project proponent submit the expansion of existing project proposal through online Parivesh Portal but the project proponent has not been submit the certified compliance report for the existing environmental clearance conditions imposed by SEIAA.

The committee directed the project proponent to submit certified compliance report from IRO, MoEFCC, Luknow for the existing environment clearance issued by SEIAA, U.P. for further consideration of the matter. The matter will be discussed only after submission of online requests along with a certified compliance report on prescribed online portal.

10. <u>Factory Building Project at Plot No: 66, Udyog Vihar, Greater Noida, District- Gautam</u> <u>Buddha Naga, M/s Palika Town LLP, Shri Ram Sankar.</u>, <u>7525/7190/SIA/UP/INFRA2/408356/2022</u>

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 Ambiental Global Pvt. Ltd. The project proponent/consultant informed the committee that it is existing warehouse building project before the issuance of EIA Notification,2006, there are six factory sheds had already been existed out of 7 factory shed before the buy of this factory. No construction has been done for Proposed Shed No.3 (Shed 3A & 3B) after purchase of this

factory under NCLT Bidding.

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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 Factory Building.Project at Plot No: 66, Udyog Vihar, Greater Noida, District- Gautam Buddha Naga, U.P., M/s Palika Town LLP.
- 2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 234/Parya/SEIAA/7190/2022 dated 28/10/2022.
- 3. Final EIA Report was submitted by the Project Proponent on 10/01/2023.
- 4. Construction of Factory Building project with a built-up area of 185339.678 Sqm (including Phase 1+Phase 2) and the total plot area measuring 270201.230 Sqm.
- 5. Salient features of the project as submitted by the project proponent:

S.N.	Description	Details in Sqm/KLD/Nos.
1.	Plot Area	270201.230 Sq. mt.
2.	Built-up Area	185339.678 Sq.mt.
3.	Green Area	68118.440 Sq.mt.
		(11360 numbers of tree proposed to be planted)
4.	Number of floors	G+1+Terrace
5.	Estimated Water Requirement with	Total Water-450 KLD
	source:	Fresh water- 135 KLD, source- Municipal Supply
	Operational Phase	Recycled water-315 KLD, source- In house STP
6.	Estimated wastewater generation and	423 KLD (STP with capacity of 450 KLD based on
	treatment	MBBR)
7.	Power Demand and Source	1056 kVA by Noida Power Company Limited (NPCL).
	Power Back-up	1 Nos. of DG sets of 360 kVA
8.	Solid Waste Generation	1125 kg/day
9.	Parking Facilities Required	Required :150 ECS.
	Total Parking required	Provided: 200 ECS.
	Total Parking Proposed	
10.	RWH Pits	6 pits
11.	Project Cost	145 crores
12.	Project Completion Date	December, 2025

Sl. No.	Description		Q	uantity	Unit
WATER					
1	Total Water Requirement		4	50	KLD
2	Fresh water requirement		1.	35	KLD
3	Treated Water Requirement		3	15	KLD
4	Waste water Generation		42	23	KLD
5	Proposed Capacity of STP		4	50	KLD
6	Discharged in Municipal Sewer		6	5	KLD
RAIN W	ATER HARVESTING				
7	No of RWH of Pits Proposed		5		No.
PARKIN	G				·
8	ECS Required		1:	50	Nos.
9	Total ECS Proposed		20	00	Nos.
ENERGY	l				·
10	Total Power Requirement		10	056	KVA
11	DG set backup		3	50	KVA
12	DG Gen sets Proposed (Air cooled)		1	*360 KVA	KVA
13	No of DG Gen sets		0	1	Nos.
6. Wat	er calculation details:				•
S.No	Description	Rate	of	Domestic	Flushing Water
	-	water		Water	Requirement
		demand		Requirement	(KLD)
		(LPD)		(KLD)	
1	Population				

2	[201029.151 Sq.m (@ 10 sqm/person)]			
3	Staffs @ 90% of Total residential population	45	120	125
4	Visitors/Floating@ 10% of Total residential	15	15	30
	population			
5	Total		135	315
6	Total Waste Water generation (80 % of Domestic		423	KLD
	Water+ 100% of Flushing Water)			
7	Proposed capacity of STP (20% more than waste		450	KLD
	water generation)			
8	Total Treated Water Generation		381	KLD
7. Wa	aste water details:			
Total V	Vater Requirement		450 KLD	
Fresh W	/ater Requirement		135 KLD	
Flushin	g Water Requirement		315 KLD	
Total 7	Freated Water Requirement for HVAC Gard	ening & Dust	160 KLD	
Suppres	sion	0		
Wastew	rater Generated		423 KLD	
(@ 80%	fresh domestic water + 100% flushing)			
Propose	ed capacity of STP (20% more than waste water gener	ration)	450 KLD	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 19/01/2023 mentioning is as follows:

- 1. I, Tarun Saharan, S/o Ranveer Saharan is EIA Coordinator of M/s Ambiental Global Pvt. Ltd.
- I have prepared EIA/EMP report for the Proposal No. SIA/UP/INFRA2/408356/2022, Project Name: Factory Building.Project at Plot No: 66, Udyog Vihar, Greater Noida, District-Gautam Buddha Naga, U.P., M/s Palika Town LLP 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 have satisfied with that all the necessary data/information required for EIA/EMP presentations 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 will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be 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. (If & as required)
- 8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 10

The committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

- 1. 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.
- 2. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
- 3. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).

- 4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
- 5. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
- 6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
- 7. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
- 8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
- 9. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
- 10. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

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.
 - 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 and 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 andPM25) 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 a 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.
 - 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 25th 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.

11. <u>Building stone (Sand stone) Mining project at Araji No.-708 Ka, Village-Chandlewan Kalan,</u> <u>Tehsil-Sadar, District-Mirzapur, U.P., Shri Devendra Pratap Singh, Area-0.809 Ha.,</u> <u>6669/SIA/UP/MIN/68790/2021</u>

The committee noted that the matter was earlier discussed in 686th SEAC meeting dated 22/09/2022 and directed the project proponent to submit following information:

- 1. Agreement/ Consent between project proponent and competent authority/
- 2. Land owner for haulage road from lease site to link road.

- 3. Plan for adopting Latest technology (water sprinklers/ tankers) for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement and photographs of equipments to be used
- 4. Revised plan for plantation with area specific plant species, number of plants to be planted along with plantation map and consent/MoU with concern authority and landowner to be submitted.
- 5. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
- 6. Revised compliance report for TOR additional conditions and compliance of observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound action plan to be submitted.

The project proponent submitted their replies through online parivesh portal on 09/01/2023 and the matter was listed in 723rd SEAC meeting 23/01/2023 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 Ind Tech House Consult. 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 Building stone (Sandstone) Mining project named Shri Devendra Pratap Singh at Araji No.-708 Ka. Village-Chandlewa kalan, Tehsil-Sadar, District-Mirzapur, U.P., (Leased Area 0.809 Ha).
- 2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 423/Parya/SEIAA/6669/2021 dated 7/01/2022.
- 3. The Public Hearing was organized on 19/05/2022. Final EIA Report was submitted by the Project Proponent on 09/08/2022.

1.	On Line Proposal No.	SIA/UP/MIN/68790/2021				
2.	File No. allotted by SEIAA, UP	6669				
3.	Name of Proponent	Shri. Devendra Pratap Singh				
4.	Full correspondence address of	Shri Devendra Pratap Singh ,R/o Chuppepur, Tehsil- Sadar District				
	proponent and mobile no.	Varanasi	U.P			
5.	Name of Project	Building	g stone (Sandstone)	Mining project		
6.	Project	Araji no.7	'08 Ka			
	Location(Plot.Khsra/Gata/Araji					
	No.)					
7.	Name of Village	Chandlew	vakalan			
8.	Tehsil	Sadar				
9.	District	Mirzapur				
10.	Name of Minor Mineral	Building S	Stone(Sandstone)			
11.	Sanctioned Lease Area (in Ha.)	0.809 Ha				
12.	Max. & Min mRL within lease	140.00mF	RL& 132.90mRL			
	area				-	
13.	Pillar Coordinates (Verified by	Point	Latitude	Longitude		
	DMO)	A	25°03'4.9"N	82°45'06.4"E		
		В	25°03'2.9" N	82°45'11.2" E		
		C	25°03'01 0" N	82°45'09 9" F	_	
		D	25°03'03 3" N	82°45'05 5" E	_	
	<u> </u>	D	25 05 05.5 IN	62 45 05.5 E		
14.	Total Geological Reserves	331308m	3			
15.	Total Mineable Reserve in LOI	16180 m ³	/Annum			
16.	Total Proposed Production in	16180 m ³	Annum			
	LOI					
17.	Sanctioned Period of Mine lease	10 Years				
18.	Method of Mining	Open ca	st Manual/ Semi Me	echanized Mining		

4. Salient features of the project as submitted by the project proponent:

19.	No. of working days	300 Days	
20.	Working hours/day	8 Hours	
21.	No. of worker	21 Workers	
22.	No. of vehicles movement/day	6 Trucks / Day (Depe	ending on market demand)
23.	Type of Land	Pvt. Land	
24.	Ultimate of Depth of Mining	12.00 m	
25.	Nearest metalled road from site	1.00Km	
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.21 KLD
		Suppression of dust	2.04 KLD
		Plantation	0.08 KLD
		Others (if any)	
		Total	2.33 KLD
27.	Name of QCI Accredited	Ind Tech House Cons	sult Certificate No- NABET/EIA/2023/SA
	Consultant with QCI No and	0174/Rev.01	
	period of validity.	Period of Validity- 29	9-4-2023
28.	Any litigation pending against the	No	
	project or land in any court		
29.	Details of 500 m Cluster Map &	Letter No-6173/Khan	ij/2021
	Certificate verified by Mining	Date-23.10.2021	
	Officer		
30.	Details of Lease Area in approved	Page No'-15 Sr. No'-	122, Shuddhi Patra vide letter no -
	DSR	2702/khanij/2021 dat	ed 9.12.2021
31.	Proposed CER cost	2% of total project co	ost i.e. Rs.3.70 Lakhs
32.	Proposed EMP cost	15.92 Lakhs	
33.	Length and breadth of Haul	680mt Length & 6m	width haulage road
	Road		
34.	No. of Trees to be Planted	40 Trees	
25	Baseline Monitoring Period	October 2021 to Dec	cember 2021

- 5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 8. There is no litigation pending in any court regarding this project.
- 9. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 10/08/2022 mentioning is as follows:

- 1. I Umesh Pratap Singh Chauhan S/o Late Surya Pal Singh Chauhan am EIA Coordinator of M/s Ind Tech House Consult.
- I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/68790/2021, Project Name: Building stone (Sandstone) Mining project named Shri Devendra Pratap Singh at Araji No.-708 Ka. Village-Chandlewa kalan, Tehsil-Sadar, District-Mirzapur, U.P., (Leased Area 0.809 Ha) with my team.
- 3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- 4. I have satisfied with that all the necessary data/information required for EIA/EMP presentations 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 will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be 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/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 11

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes. The committee also stipulated the following specific conditions:

- 1. Project proponent has committed to plant 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
- 2. The project proponent shall install solar light in their site office.
- 3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
- 4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
- 5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
- 6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
- 7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
- 8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
- 9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
- 10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
- 11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
- 12. The project proponent should explore the possibilities of rainwater harvesting.
- 13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
- 14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
- 15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department

12. <u>Riverbed Sand/Morrum mining having lease area 16.00 ha along River Betwa in Khand No.</u> <u>21/1 at Village – Chandaut, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh of M/s Om</u> <u>Prakash Ram Aoutar Prop: Smt Renu Gupta., 7545/SIA/UP/MIN/412564/2023</u>

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 and Development. 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 Riverbed Sand/Morrum mining from River Betwa in Khand No. 21/1 at Village – Chandaut, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh, (Leased Area-16.00 ha.).

1.	On-line proposal No.	SIA/UP/N	MIN/412564/2023			
2.	File No. allotted by SEIAA, UP	7545				
3.	Name of Proponent	M/s Om l	Prakash Ram Aoutar			
	<u>^</u>	Renu Gu	ota W/o Satya Prakash (Gupta		
4.	Full correspondence address of proponent	R/o 123/3	346, H Block, Kidwai N	agar		
	and mobile no.	District – Kanpur Nagar, Uttar Pradesh Mobile no. – 7007590381				
		Mobile n	o. – 7007590381			
		E mail ID - oprasand@gmail.com				
5.	Name of Project	Environm	nent Clearance of	proposed Riverbed		
		Sand/Mor	rrum mining having le	ease area 16.00 ha along		
		River Be	twa in Khand No. 21/	1 at Village – Chandaut,		
		Tehsil- S	arila, District- Hamirp	ur, Uttar Pradesh of M/s		
_		Om Praka	ash Ram Aoutar Prop: S	mt Renu Gupta		
6.	Project Location (Plot. Khasra/Gata No.)	Khand N	o. 21/1			
7.	Name of River	Betwa rr	ver			
8.	Name of Village	Chandau	t			
9.	Tehsil	Sarila				
10.	District	Hamırpu	r			
11.	Name of Minor Mineral	"river bed Sand/morrum mining"				
12.	Sanctioned Lease Area (in Ha.)	16.00 ha				
13.	Max. & Min mRL within lease area	Highest i	nKL - 104.2 mKL			
14	Biller Coordinates (Verified by DMO)	D'llen	IRL- 101.5 MRL	T		
14.	Pillar Coordinates (verified by DiviO)	Pillar				
		A	25° 54' 51.78"N	79° 38° 47.31° E		
		B	25° 54' 55.57"N	79° 39 00.98 E		
			25° 54' 30.42 IN	79 38 39.00 E 70° 28' 46 41"E		
			25 54 56.49 N	79 38 40.41 E		
15	Total Goological Pasartyas	5 10 461	$\frac{23}{3440.01}$ m ³	79 38 39.02 E		
15.	Total Mineable Reserve	2 40 750	$\frac{11}{m^3}$			
10.	Total Proposed Production	12,40,730	m^3 (5 years)			
17.	Proposed Production /vear (as per LoI)	2 40 000	$m^{3/2}$			
10.	Sanctioned Period of Mine lease	Lease Per	riod 5 years			
20	Method of Mining	Opencast	semi - mechanized			
21	No of worker	55	John meenamized			
22.	Type of Land	Govt./No	on Forest Land			
23.	Ultimate Depth of Mining	3.0 m				
24.	Nearest metalled road from site	0.34 km				
25.	Water Requirement	PURPOS	SE			
	1	Drinking		- 0.35 KLD		
		Suppress	ion of dust	- 4.08 KLD		
		Plantatio	n	- 1.5 KLD		
		Others (i	f any)	- 0.00 KLD		
		Total	• •	- 6.13 ~ 6.00 KLD		

2. Salient features of the project as submitted by the project proponent:

26.	Name of QCI Accredited Consultant with	Paramarsh Servicing Environment and development
	QCI No and period of validity.	NABET/EIA/2124 RA 0224, Valid till -01 May 2024
27.	Any litigation pending against the project or	No
	land in any court	
28.	Details of 500 m Cluster Certificate verified	Letter No – 1135/Khanij- MMC-30-Vividh, dated -
	by Mining Officer	23/11/2022
29.	Details of Lease Area in approved DSR	Letter No 1530/ Khanij- MMC-30-Vividh (2018-19) dt.
		20/02/2019 followed by dt 20/02/2019, at Serial no. 06
30.	Project Cost	1.10 Crore
31.	Proposed CER cost	2.20 lacs
32.	Length and breadth of Haul Road	Length – 0.34 km, Breadth – 6.00 m
33.	No. of Trees to be Planted	1,500

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

- 4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6. There is no litigation pending in any court regarding this project.
- 7. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 20/01/2023 mentioning is as follows:

- 1. I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared ToR Application for the Environment Clearance of proposed Riverbed Sand/Morrum mining having lease area 16.00 ha along River Betwa in Khand No. 21/1 at Village – Chandaut, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh of M/s Om Prakash Ram Aoutar Prop: Smt Renu Gupta. Proposal number: SIA/UP/MIN/412564/2023 with my team.
- 3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- 4. I am satisfied with that all the necessary data/information required for ToR Application preparations are true and correct.
- 5. I certify that this project has been uploaded for the first time on Parivesh Portal.
- 6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
- 7. The ToR Application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 12

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC.

- 2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
- 3. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
- 4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
- 5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
- 6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
- 7. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
- 8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
- 9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
- 10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
- 11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
- 12. 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 at the time of EIA presentation.
- 13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
- 14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
- 15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
- 16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River. Study report should be present at the time of EIA presentation.

13. <u>Common Bio Medical Waste Treatment Facility (CBWTF) at Khasra No.-274 & 279,</u> <u>Village- Rajdhani, Post-Nautanwa, District-Maharajganj, U.P., M/s AV Biomedical Waste</u> <u>Services., 7548/6494/SIA/UP/INFRA2/414658/2023</u>

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 Environment Management Division of M/s India Glycols Limited, Kashipur. 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 Common Bio Medical Waste Treatment Facility (CBWTF) at Khasra No.-274 & 279, Village- Rajdhani, Post-Nautanwa, District-Maharajganj, U.P., M/s AV Biomedical Waste Services.

- 2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 473/Parya/SEIAA/6494/2021, dated 04/03/2022.
- 3. The public hearing was organized on 25/05/2022. Final EIA report submitted by the project proponent on 17/01/2023.
- 4. Consent to Establish for the project has been issued by UPPCB vide letter no. 132430/UPPCB/Gorakhpur(UPPCBRO)/CTE/MAHARAJGANJ/2021, dated 16/08/2021 and valid up to 27/06/2026.

5.	Salient features	of the	project:	

Total Plot A	tal Plot Area 0.4758 ha or (1.18 Acre)							
Khasra Nun	Khasra Numbers274 and 279							
Location		Village- Rajdhani, Post- Nautanwa, District- Maharajganj Uttar Pradesh						
Latitude		27° 22'12"N 27° 22'15"N						
Longitude		83°23'53"E 83°23'54"E						
Elevation		93 m						
Proposed pl	ant capacity	Equipment	Capacity	y	Number			
		Incinerator	250 kg/l	nr	1			
		Double chamber						
		Autoclave	1000 lite	er/Batch	1			
		Shredder	150 kg/l	nr	1			
		Chemical	1500 Lt	r	1			
		Disinfection Tank						
		Effluent Treatment	10 KLD		1			
		Plant						
Nearest hab	ituated area	Kavlahi, approx. 0.73 k	m towards	SSW				
Nearest Ma	in Public Road	NH-24, approx. 1.03 kt	n in WNW	direction				
Nearest Rai	lway station/Airport	Barwa Kalan Railway	Station, app	prox. 0.66 km to	wards North	n East		
	•	Mahayogi Gorakhnath	Airport is a	at a distance of 6	67 km (Aeri	ial) from the		
		project site in South.				,		
Nearest wat	er body	Rohini River, approx. 8	8.66 km tov	vards East				
Water requi	rement	Water requirement for	Water requirement for the proposed CBWTF project is 11 KLD. (Fresh					
		7.1 KLD and Recycled 3.9 KLD)						
Source of w	vater	Water requirement will be met through bore wells						
Wastewater	Generation	Waste water generated from the treatment of Biomedical waste during						
		colling of gases by Venturi and wet Scrubber autoclaving, washing of						
		floors, etc. is 8 KLD and it shall be treated in effluent treatment plant and						
		reuse in process						
Man Power		During Construction phase, the labors and workers will be hired from						
		nearby villages. Total 50 persons are proposed to be hired for plant						
		operation including officers, skilled unskilled workers & temporary .						
Air Pollutio	n Control Device	Venturi and wet Scrubb	ber, Cyclon	e separator and l	Mist elimina	ator		
Nos. of Stac	ek	2						
Power requi	irement	DG Set of 82.5 KVA is proposed for the project and lines will be taken						
-		from the authorized electricity board. ~ 1% of the total power load will						
		meet through solar energy.						
Alternative	site	No Alternative site is examined						
Land form	, Land use and land	The land for project is located in Village- Rajdhani, Post- Nautanwa,						
ownership		District- Maharajganj Uttar Pradesh.						
Conclusion		The estimated cost of the Project is Rs. 2.78 Cr.						
6. Water	calculation details:	•						
S. No.	Requirement for	Water	Process	Waste water	ETP	Recycled/		
	1	Consumption	Losses	generation	losses	Reuse		
А.	Process (Scrubbing)	2.40	1.40	1.00	0.20	0.80		
B.	Steam Generation	0.20	0.05	0.15	0.05	0.10		
	(Autoclaving)	-						
C.	Miscellaneous i.e	3.80	0.20	3.60	0.60	3.0		
	Floor washing.							
	Vehicle washing etc.							
D.	Domestic Purpose	0.60	0.10	0.50	0.00	0.00		
-	I	1.0	1.0	0.00	0.00	0.00		

Minutes of 723th SEAC-2 Meeting Dated 24/01/2023

Total (KL/	Day)	11.0		5.75	5.25	0.85	3.90		
		7.10 (F	Fresh) $+$ 3.9	0					
		(Recycl	ed)						
-	Waste water (4.	75 KLD) is l	being general	ted from the	Industrial Pr	ocess will be	subjected to		
	Proposed ETP (Capacity- 10.0	KLD). Treat	ted water fro	m (3.90 KLD)	will be reuse	ed in scrubber		
	for cooling purpo	ose and green	belt purpose.		,				
-	The entire system	m shall be a :	zero discharg	ge system in	terms of wast	tewater disch	arge from the		
	process as re-circulated through ETP.								
-	Domestic Waster	water shall be	treated in a se	oak pit/septi	c tank.				
7. Solid	waste details:			<u> </u>					
Total No. c	of Employees		20						
Assuming	per capita solid wast	e generation ra	ate as 0.2 kg/	capita/day					
Quantity of	f solid waste generat	ed	4.0 kg/day	1 2					
Organic sc	olid waste : 60 %	of the total	2.40 kg/day	r					
waste									
Inorganic s	solid waste : 40 %	of the total	1.60 kg/day						
waste									
Disposal of	f domestic solid was	te	Domestic wastes are segregated at source, collected in bins and						
-			composted.						
8. Hazar	dous waste details								
Sl. No.	Source	Quantity of	hazardous	Category	according to	Treatment/	Disposal		
		waste		Schedule I	of hazardous		•		
		Generated (A	Approx.)	waste					
1.	Spent Oil from	5.0 MTPA	•• ·	5.1		Handed	over to		
	DG set					authorized	recyclers/re-		
						processors			
2.	Discarded	100 Nos./Ar	num	33.1		Handed	over to		
	Containers					authorized	recyclers/re-		
	/Barrels					processors			
3.	Sludge from Wet	1.0 MTPA		37.1		Send to	TSDF / Co		
	Scrubbers					processing i	ndustries.		
4.	Ash from	25.0 MTPA		37.2		Send to	TSDF / Co		
	incinerator and					processing i	ndustries.		
	flue gas cleaning								

9. The project proposal falls under category-7(da) of EIA Notification, 2006 (as amended).

residue

The consultant (EIA Coordinator) also submitted an affidavit dated 23/01/2023 mentioning is as follows:

- 1. I, Muzaffar Ahamd, S/o Shri S. Iqbal Ahmad is EIA Coordinator of Environment Management Division of M/s India Glycols Limited, Kashipur.
- I have prepared the Form-1 and PFR report for the proposal (EC) in name of Common Bio Medical Waste Treatment Facility (CBWTF) at Khasra No.-274 & 279, Village- Rajdhani, Post-Nautanwa, District-Maharajganj, U.P., M/s AV Biomedical Waste Services 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 Application/ EIA/EMP 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 will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be 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/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 13

The committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

- 1. Proposed CBWTF shall comply with the revised guidelines issued by CPCB on December 21st 2016 with respect to location criteria.
- 2. In case, the number of beds is exceeding >10,000 beds in a locality and the existing treatment capacity is not adequate, in such a case, a new CBWTF may be allowed in such a locality in compliance with various provisions notified under the location. Environment (Protection) Act, 1986, to cater services only to such additional bed strength of the HCFs.
- 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. Proponent shall comply with the action plan and CSR plan submitted by PP/consultant at the time of EIA presentation.
- 5. The project proponent should develop green belt in the CBWTF unit as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
- 6. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- I. Statutory compliance:
 - 1. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 - 2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - 3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and be 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)
 - 4. The project proponent shall obtain Consent to establish/Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 - Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 20016 including section 129 to137 of Central Motor Vehicle Rules1989.
 - 6. The project shall fulfill all the provisions of hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration — 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerators shall be followed.
 - 7. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
 - 8. 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.

- 9. 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
- II. Air quality monitoring and preservation:
 - 1. The project proponent shall install an emission monitoring system including Dioxin and furans in monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online serves and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - 2. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
 - 3. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the material.
 - 4. Venture scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm3.
 - 5. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply with prescribed standards. All necessary air pollution control devices (quenching, Venturi scrubber, mist eliminator) should be provided for compliance with emission standards.
 - 6. Masking agents should be used for odour control.
- III. Water quality monitoring and preservation:
 - 1. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - 2. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
 - 3. Process effluent/any waste water should not be allowed to mix with storm water.
 - 4. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from the competent authority shall be obtained for use of fresh water.
 - 5. A sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
 - 6. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
 - 7. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
 - 8. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
 - 9. Rain water runoff from the hazardous waste storage area shall be collected and treated in the effluent treatment plant.
- IV. Noise monitoring and prevention:
 - 1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time.

- V. Energy Conservation measures:
 - 1. Provide solar power generation on roof tops of buildings, for the solar light system for all common areas, street lights, parking around the project area and maintain the same regularly;
 - 2. Provide LED lights in their offices and residential areas
- VI. Waste management:
 - 1. Incinerated ash shall be disposed of at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
 - 2. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.
 - 3. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project.
 - 4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016
 - 5. No landfill site is allowed within the CBWTF site.
 - 6. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCR/SPCB.
- VII. Green Belt:
 - 1. Green belt shall be developed in the area as provided in project details, with native tree Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- VIII. Public bearing and Human health issues:
 - 1. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
 - 2. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.
 - 3. Necessary provision shall be made for fire-fighting facilities within the complex.
 - 4. An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 - 5. An emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or the environment from fires, explosions or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
 - 6. 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.
 - 7. Occupational hearth surveillance of the workers shall be done on a regular basis.
- IX. 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.1I I 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 standard operating procedures to balances have proper checks and 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.

A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the 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 the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not be diverted for any other purpose. Year rise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- 5. A self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- X. Miscellaneous:
 - 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 with 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 the 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 criteria pollutant levels namely; SPM, RSPM, SP, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - 7. 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.
 - 8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - 9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitments made during Public hearings and also that during their presentation to the Expert Appraisal Committee.
 - 10. 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).
 - 11. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
 - 12. The Ministry may revoke or suspend the clearance if the implementation of any of the above conditions is not satisfactory.
 - 13. The Ministry reserves the right to stipulate additional conditions if found necessary. The

Company in a time-bound manner shall implement these conditions.

- 14. The Regional Office of this Ministry shall monitor compliance with 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.
- 15. 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 Trans boundary 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/NGT and any other Court of Law relating to the subject matter.
- 16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(Prof. Jaswant Singh) Member (Dr. Amrit Lal Haldar) Member (Dr. Shiv Om Singh) Member

(Tanzar Ullah Khan) Member (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.

Annexure-1

General and Specific Conditions for Gitti, Patthar & Boulder Mining Projects: -

A. General Conditions:

- 1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
- 2. Forest clearance shall be taken by the proponent as necessary under the law.
- 3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
- 4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
- 5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
- 6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
- 7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
- 8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
- 9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
- 10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
- 11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
- 12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
- 13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
- 14. The transportation of the materials shall be limited to the day hours' time only.
- 15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, 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.
- 16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

- 18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
- 19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
- 20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
- 21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
- 22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
- 23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
- 24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

B. <u>Specific Conditions:</u>

- 1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
- 2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
- 3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
- 4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
- 5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
- 6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
- 7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
- 8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
- 9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
- 10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
- 11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.

- 12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
- 13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
- 14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
- 15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
- 16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
- 17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
- 18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
- 19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- 20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
- 21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
- 22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
- 23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
- 24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.

- 25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
- 26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
- 27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
- 28. Occupational health and safety measures for the workers including identification of workrelated health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
- 29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
- 30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
- 31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
- 32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
- 33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
- 34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (AprilMay), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
- 35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
- 36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
- 37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be

covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.

- 38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
- 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
- 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
- 41. Commitment towards CER has to be followed strictly.
- 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
- 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
- 44. The blasting will be done only after getting permission from the Mining Department.

Annexure-2

Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI

- Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The 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, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.

- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season); December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 45) Besides the above, the below mentioned general points are also to be followed:
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.

- c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

Annexure-3

General and Specific Conditions for Soil/Earth Mining Projects:-

General condition:

- 1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
- 2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
- 3. No change is mining technology and scope of working shall be made without approval of Authority.
- 4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
- 5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
- 6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
- 7. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Specific Conditions:

- 1. The Environmental clearance will be co-terminus with the agreement/mining plan whichever is less.
- 2. Environment management should be in accordance with the present environment status of the project.
- 3. Approach kaccha road should be made motorable and maintained periodically.
- 4. Transportation of soil should be undertaken in covered containers.
- 5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
- 6. Land to be leveled and handed over to the owners after completion of excavation work.
- 7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
- 8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
- 9. Top soil should be adequately preserved and should be used for landscaping.
- 10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
- 11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
- 12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
- 13. Safety measures for the people working at the site shall be duly taken care of as per law.
- 14. The excavation work shall be done in day time only.
- 15. The project boundary shall be properly covered to restrict dust dispersion.
- 16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
- 17. Noise level shall be maintained as per standards for both day and night.
- 18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
- 19. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.

- 20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
- 21. Solid waste material vizgutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
- 22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
- 23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
- 24. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
- 25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
- 26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
- 27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
- 28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
- 29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
- 30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
- 31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
- 32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
- 33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
- 34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.