

### **Minutes of 473<sup>rd</sup> SEAC Meeting Dated 24/06/2020**

The 473<sup>rd</sup> meeting of SEAC was held through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) on 24/06/2020. Following members were participate in the online meeting:

- |    |                           |          |
|----|---------------------------|----------|
| 1. | Dr. (Prof.) S.N. Singh,   | Chairman |
| 2. | Dr. Sarita Sinha,         | Member   |
| 3. | Dr. Virendra Misra,       | Member   |
| 4. | Dr. Pramod Kumar Mishra,  | Member   |
| 5. | Dr. Ranjeet Kumar Dalela, | Member   |
| 6. | Dr. Ajoy Kumar Mandal,    | Member   |
| 7. | Shri Rajive Kumar,        | Member   |
| 8. | Shri Meraj Uddin,         | Member   |
| 9. | Prof. S.K. Upadhyay,      | Member   |

The Chairman welcomed the members to the 473<sup>rd</sup> SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Proposed Production of 72000 MTPA Ingot & 71280 MTPA Billets at Khasra no. 1797 & 1799, Opposite 66 kVA Power House, Industrial Area, Meerut Road, District- Muzaffarnagar, U.P. M/s Shree Shailja Iron and Steel Pvt. Ltd. File No. 5643/4699 /Proposal No. SIA/UP/MIS/52778/2019**

The SEAC gone through the EIA Notification no. S.O. 3067(E) dated 01/12/2009 and observed that the category 5(k) has been omitted. However, in different documents at many places 5(k) has been mentioned as error. It should be read as 3(a). However, the project proponent has uploaded EIA report in 3(a) category.

A presentation was made by the project proponent along with their consultant M/s Perfact Enviro Solutions Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for proposed production of 72000 MTPA Ingot & 71280 MTPA Billets at Khasra no. 1797 & 1799 Opposite 66 kVA Power House, Industrial Area, Meerut Road, District- Muzaffarnagar, U.P. M/s Shree Shailja Iron and Steel Pvt. Ltd.
- 2- Terms of Reference (TOR) for the proposed project was issued by SEIAA U.P. vide letter no. 316/Parya/SEAC/4699/2018 dated 24th October, 2019.
- 3- Public hearing was conducted by the UPPCB on 11/02/2020 at the project site. Final EIA report submitted by the project proponent on 01/04/2020.
- 4- Salient features of the project:

Particulars	Unit	Details
Total Plot area	m <sup>2</sup>	6570
Induction Furnace Details:-		
No. of furnace	Nos.	2
Furnace output at 100% capacity	kg liquid per hour	12000
Size of crucible	kg per hour	12000
Total working hours in a day	hours	24
Time taken in a heat	hours	2.5

No. of heats per day	Nos.	10
Utility Details:-		
Power Requirement	kVA	9500
Source of power	Uttar Pradesh Power Corporation Ltd. (UPPCL)	
DG Sets	kVA	500
Total water requirement	KLD	17
Source of Water	Borewell	
Total waste water generated	KLD	7.5
Total solid waste generation	kg/day	90
Manpower	Nos.	200

**5- Details of Products and Productivity:**

Products		
Particulars	Unit	Details
Ingot	MTPA	72000
Billets (99% for concast plant)	MTPA	71280
Raw Material		
Particulars	Unit	Details
M.S. Scrap	MTPA	31304.35
Sponge Iron	MTPA	48000

**6- Water requirement details:**

S. No.	Activity	Required Quantity (KLD)	Waste water Generation (KLD)
1	Domestic	9	7.0
2	Cooling Tower	4	0.5
3	Gardening	4	0.0
Total		17	7.5

**7- Waste generation details:**

Category	Type of Waste	Colour codes	Treatment method	Waste (in kg/day)
Biodegradable	Organic Waste	Black	Shall be disposed off at MSW site through approved vendor	20
Non-Biodegradable	Recyclable Waste	Blue	(Packing material, Plastic/Cardboard) Shall be given to approved recycler	70
Total				90 kg/day

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

**RESOLUTION AGAINST AGENDA NO-01**

**The committee discussed the matter and recommended grant of Environmental clearance for the project proposal along with following general and specific conditions:**

**I. Statutory compliance:**

- I. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (incase of the presence of schedule-I species in the study area).
- IV. The project proponent shall obtain Consent to Establish I Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of

Pollution) Act, 1986 from the concerned State pollution Control Board/ Committee.

- V. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water and from the competent authority concerned in case of drawl of surface water required for the project.
- VI. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

**II. Air quality monitoring and preservation:**

- I. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- II. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- III. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)
- IV. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
- V. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- VI. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- VII. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- VIII. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- IX. The project proponent shall use leak proof trucks /dumpers carrying coal and other raw materials and cover them with tarpaulin.
- X. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- XI. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- XII. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.

**III. Water quality monitoring and preservation:**

- I. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to

SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)

- II. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
  - III. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - IV. Adhere to 'Zero Liquid Discharge'.
  - V. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
  - VI. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
  - VII. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
  - VIII. The project proponent shall practice rainwater harvesting to maximum possible extent.
  - IX. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- IV. Noise monitoring and prevention:
- I. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  - II. The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- V. Energy Conservation measures
- I. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
  - II. Practice hot charging of slabs and billets /blooms as far as possible.
  - III. Ensure installation of regenerative type burners on all reheating furnaces .
  - IV. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
  - V. Provide the project proponent for LED lights in their offices and residential areas.
- VI. Waste management:
- I. Used refractories shall be recycled as far as possible.
  - II. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
  - III. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
  - IV. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
  - V. Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant).

**VII. Green Belt:**

- I. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- II. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

**VIII. Public hearing and Human health issues:**

- I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- II. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- III. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- IV. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

**IX. Corporate Environment Responsibility:**

- I. The project proponent shall comply with the provisions contained in this Ministry 's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- II. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest I wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders I stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- III. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- IV. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- V. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- VI. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

**X. Miscellaneous:**

- I. The project proponent shall make public the environmental clearance granted for their project

- along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- II. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  - III. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  - IV. The project proponent shall monitor the criteria pollutants level namely; PM10, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
  - V. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  - VI. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  - VII. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  - VIII. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - IX. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  - X. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  - XI. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - XII. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - XIII. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  - XIV. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
  - XV. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
  - XVI. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

2. **Expansion of Induction Furnace and Rolling Mills 53000 MT PA Inuction furnace and 60000 MT TMT Bars to 2,25000 MT PA (115000 MT INGOT 110000 MT TMT Bars), at Khasra No.- 2074 & 2090, Village- Sujru, District- Muzaffarnagar, U.P., M/s Sarvottam Rolling Mills Pvt. Ltd. File No. 5648/4629 /Proposal No. SIA/UP/IND/149964/2020**

**RESOLUTION AGAINST AGENDA NO-02**

The SEAC gone through the EIA Notification no. S.O. 3067(E) dated 01/12/2009 and observed that the category 5(k) has been omitted. The SEAC observed that the project proponent has submitted EIA report under 5(k) category. Hence, the project proponent advised to upload EIA report under 3(a) category.

3. **Capacity Expansion of Cement Grinding Unit from 0.90 MTPA to 1.25 MTPA at UPSIDC Industrial are, Phase-II, Amawan road, Tehsil-Maharajganj, District- Reabareli, U.P., M/s Birla Corporation Ltd. File No. 5649/4969 /Proposal No. SIA/UP/IND/52921/2019**

**RESOLUTION AGAINST AGENDA NO-03**

A presentation was made by the project proponent along with their consultant M/s Vimta Labs Ltd., Hyderabad. The committee discussed the matter and directed the project proponent to submit following information:

1. Two intermediate coordinates of the plot.
2. Ratio of SiO<sub>2</sub> & CaCO<sub>3</sub> used as raw material in the formation of cement.
3. Occupation exposure level data of worker.
4. Last month data of occupational health workers.
5. EMP details along with budgetary provision.
6. Details of environment management cell.
7. Name of three vulnerable species mentioned in the area.

The matter shall be discussed only after submission of online information on prescribed portal.

4. **Cement Unit at Plot No.-B-61, Industrial Area, Satharia (SIDA), Jaunpur. U.P., Shri Sonu Gupta, Director, M/s Ganesh Laxmi Cements Pvt. Ltd. File No. 4855 /Proposal No. SIA/UP/IND/37208/2019**

A presentation was made by the project proponent along with their consultant M/s PARAMARSH Servicing Environment & Development. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Cement Grinding Unit (3000 TPA) at Plot No.-B-61, Industrial Area, Satharia (SIDA), Jaunpur. U.P., M/s Ganesh Laxmi Cements Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 218/Parya/SEAC/4855/2018 dated 16/01/2020.
3. Public hearing was conducted by UPPCB on 17.03.2020 at Industrial area of SIDA Tehsil and district Jaunpur, U.P. Final EIA report submitted on 29/05/2020.
4. Salient features of the project:

A.	Name of the Unit and Size of the Project	M/s Ganesh Laxmi Cements Private Limited 100 Ton per day (30000 T.P.A on 300 days) Total Area - 3880 sqm
B.	Category of the Project	The proposed unit is categorized under 3 (b) {Cement plants [<1.0 million tonnes/annum production capacity. All Stand alone grinding units]} of Gazette Notification dated Sep 14th, 2006 and subsequent amendment on dated December 1st 2009 and April 4th 2011.

C.	Location Details	
	Location	Plot No. B – 61, Industrial Area Satharia (SIDA), Jaunpur, UP
	Latitude	25°39'59.86"N
	Longitude	82°14'7.52"E
D	Plant Area	3880 sqm
	Green Area	1280.40 sqm
E	Environmental Setting Details (with approximate aerial distance and direction from the plant site)	
	Nearest village	Ahmadpur kaithauli 1.8km (W), Sarai dinger 980m (W), Govindashpur 2.4km (NW) Sathhariya 1.5km (S)
	Approach Road / Highway	NH-31/ SH-36 – 850m (E)
	Nearest River& Water Body	Sai River– 18 km(NE)
	Nearest City	Jaunpur - 47.0km (E) Prayagraj – 46.33km (SW)
	Nearest Railway Station	Mungara Badshahpur - 4.75 Km (W)
	Nearest Airport	Allahabad Airport - 29.35 Km (SE)
	Reserve Forest	None within 10km radius
	National Park/Sanctuary	None within 10km radius
	Water Requirement	Water would be required for human consumption and for horticultural purposes. The total no of employer is 20 including manager, supervisor etc. the water requirement is 2 .00KLD @45 LPCD Total fresh water demand – 4 KLD
	Power Requirement (MW)	The power required will be 350 KW
	Man Power Requirement	20
	Project Cost	Estimated Project Cost along with analysis of Land & Site Development is 107 Lac.

**5. Raw material details:**

S. No	Raw material	Consumption (TPA)	Percentage (%)	Source	Mode of transportation
1.	Clinker	25,200	65-70%	J.P. Bhilai, Maihar	Transported to plant by road
2.	Flyash	9,000	25-30%	NTPC, Unchahar, Tata Power, Prayagraj	Transported to plant by road
3.	Gypsum	1800	5%	Jodhpur,/ Jaisalmere, Raiaasthan	Transported to plant by road

**6. Water Requirement :**

- The total no of employer is 20nos. The water requirement is 0.9 KLD @45 LPCD.
- Total water requirement is 4 KLD water including horticultural demand.

**7. Power Requirement:** The power required will be 350 KW.

**8. Man power requirement:** Total 20 man power will be deployed including skilled, unskilled and administrative staff, which is available locally.

**9. The project proposal falls under category–3(b) of EIA Notification, 2006 (as amended).**

**RESOLUTION AGAINST AGENDA NO-04**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with following conditions:**

**I. Statutory compliance**

- 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.
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of



the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).

- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the State pollution Control Board.
- v. 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.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
- iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions . (case to case basis small plants: Manual; Large plants: Continuous).
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
- x. Provide wind shelter fence and chemical spraying on the raw material stock piles.
- xi. Have separate truck parking area and monitor vehicular emissions at regular interval.
- xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of

- covered conveyor belts/railways as a mode of transport.
- xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants
- III. Water quality monitoring and preservation:
- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (Case to case basis small plants: Manual; Large plants: Continuous).
  - ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
  - iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - iv. Adhere to Zero Liquid Discharge.
  - v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
  - vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
  - vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
  - viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
  - ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- IV. Noise monitoring and prevention
- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  - ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- V. Energy Conservation measures
- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
  - ii. Provide the project proponent for LED lights in their offices and residential areas.
  - iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- VI. Waste management
- i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
  - ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).

**VII. Green Belt**

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

**VIII. Public hearing and Human health issues**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

**IX. Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and 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.
- iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.

**X. Miscellaneous**

- i. Under CER activity as committed ambulance for handicapped, equipped with medical facilities may be provided.

- ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- iii. 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.
- iv. 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.
- v. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- vi. 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.
- vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii. 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.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi. 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).
- xii. 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.
- xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.
- xv. The Company in a time bound manner shall implement these conditions.
- xvi. 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.
- xvii. 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.
- xviii. 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.

**5. Cement Unit at Plot No.- 190, Village-Mai, Rampur, Block-Mariyahun, District- Jaunpur, U.P., Shri Vineet Jaiswal., M/s VCC Hi-Tech Cement Pvt. Ltd. File No. 5679-A/5011/Proposal No. SIA/UP/IND/53395/2019**

A presentation was made by the project proponent along with their consultant M/s PARAMARSH Servicing Environment & Development. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Cement Grinding Unit (60000 TPA) at Plot No.- 190, Village-Mai, Rampur, Block-Mariyahun, District- Jaunpur, U.P., M/s VCC Hi-Tech Cement Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 523/Parya/SEAC/5011/2018 dated 16/01/2020.
3. Public hearing was conducted by UPPCB on 17.03.2020 at Industrial area of SIDA Tehsil and District Jaunpur, U.P. Final EIA report submitted on 29/05/2020.
4. Salient features of the project:

A.	Name of the Unit and Size of the Project	M/S VCC Hi-Tech Cement Private Limited 200 Ton per day (60000 T.P.A on 300 days) Total Area 3729.00 sqm
B.	Category of the Project	The proposed unit is categorized under 3 (b) {Cement plants [<1.0 million tonnes/annum production capacity. All Stand alone grinding units]} of Gazette Notification dated Sep 14th, 2006 and subsequent amendment on dated December 1 <sup>st</sup> 2009 and April 4 <sup>th</sup> 2011.
C.	Location Details	
	Location	Plot No. -190, Village -Mai, Block - Rampur, Tehsil – Mariahu, Jaunpur, UP.
	Latitude	25°27'34.86"N
	Longitude	82°34'0.75"E
D	Plant Area	3729.00 sqm
E	Environmental Setting Details	
	Nearest village	Jagdishpur 1.4km (N), Mahamadpur 2.0km (W) Ashanandpur 1.4km (N), Malpur – 1.5km (E), Dhanauha – 1.4km (E)
	Approach Road Highway	Jaunpur- Bhadohi road / SH – 850m (E)
	Nearest River& Water Body	Varuna River– 0.75 km(W), Basuhi – 13.4km (N)
	Nearest City	Jaunpur- 34.0km (E), Prayagraj – 70.02 Km (NE)
	Nearest Railway Station	Bhaur Railway Station (12.8 km) SW
	Nearest Airport	Varanasi Airport (29.35 km) SE
	Reserve Forest	None within 10km radius
	National Park/Sanctuary	
	Water Requirement	Water would be required for human consumption and for horticultural purposes. The total no of employer is 50 including manager, supervisor etc. the water requirement is 2.25KLD @45 LPCD Total fresh water demand – 5 KLD
	Power Requirement (MW)	The power required will be 450 KW
	Man Power Requirement	50
	Project Cost	9.8 crores

**5. Raw material details:**

S. No	Raw material	Consumption (TPA)	Percentage (%)	Source	Mode of transportation
1.	Clinker	25,200	65-70%	J.P. Bhilai, Maihar	Transported to plant by road
2.	Flyash	9,000	25-30%	NTPC, Unchahar, Tata Power, Prayagraj	Transported to plant by road
3.	Gypsum	1800	5%	Jodhpur, Jaisalmere, Rajasthan	Transported to plant by road

**6. Water Requirement :**

- The total no of employer is 50nos. The water requirement is 2.25 KLD @45 LPCD.

- Total water requirement is 5 KLD water including horticultural demand.
- 7. Power Requirement: The power required will be 450 KW.
- 8. Man power requirement: Total 50 man power will be deployed including skilled, unskilled and administrative staff, which is available locally.
- 9. The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-05**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with following conditions:**

- I. Statutory compliance
  - i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  - ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
  - iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the State pollution Control Board.
  - v. 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.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- II. Air quality monitoring and preservation
  - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions . (case to case basis small plants: Manual; Large plants: Continuous).
  - iv. The project proponent shall submit monthly summary report of continuous stack emission

and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.

- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
- x. Provide wind shelter fence and chemical spraying on the raw material stock piles.
- xi. Have separate truck parking area and monitor vehicular emissions at regular interval.
- xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
- xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

III. Water quality monitoring and preservation:

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (Case to case basis small plants: Manual; Large plants: Continuous).
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to Zero Liquid Discharge.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.

- IV. Noise monitoring and prevention
  - i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  - ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- V. Energy Conservation measures
  - i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
  - ii. Provide the project proponent for LED lights in their offices and residential areas.
  - iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- VI. Waste management
  - i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
  - ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).
- VII. Green Belt
  - i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
  - ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- VIII. Public hearing and Human health issues
  - i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  - iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- IX. Corporate Environment Responsibility
  - i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  - ii. The company shall have a well laid down environmental policy duly approve 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 shareholders I stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of



- six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
  - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
  - v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
  - vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.
- X. Miscellaneous
- i. Under CER activity as committed ambulance for handicapped, equipped with medical facilities may be provided.
  - ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
  - iii. 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.
  - iv. 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.
  - v. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
  - vi. 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.
  - vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the State Pollution Control Board as prescribed under the Environment (Protection) Rules , 1986, as amended subsequently and put on the website of the company.
  - viii. 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.
  - ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - x. ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  - xi. 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).

- xii. 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.
- xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.
- xv. The Company in a time bound manner shall implement these conditions.
- xvi. 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.
- xvii. 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.
- xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**6. Addition of Products (Bulk Drugs & Intermediates) using main raw materials" at Plot No.- C-24, C-28, UPSIDC Industrial Area, Begraipur, Muzaffarnagar, U.P., M/s Magma Industries Ltd. File No. 5679/Proposal No. SIA/UP/IND2/154984/2020**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Addition of Products using main raw materials" at Plot No.-C-24, C-28, UPSIDC Industrial Area, Begraipur, Muzaffarnagar, U.P., M/s Magma Industries Ltd.
2. The unit has total production capacity of approx. 160 MT/month and has proposed to manufacture various products with total production capacity of around 300 MT/month.
3. Total plot area of the existing premises is 12,964 sq m. and total project cost is INR 30.03 Cr.
4. Comparative details of existing and proposed project:

SN	Components	Existing	Proposed
1	Products and quantity	Active Pharmaceutical Ingredients [limited no. of products as per approve drug license]. Production capacity – Approx. 160 MT/month	Active Pharmaceutical Ingredients [Total 73 products as per approved drug license]. Proposed Production capacity - 500 MT/month
2	Total Plot Area	12,964 sq. m	12,964 sq. m
3	Fresh water consumption	61 KLD	81 KLD
4	Fresh water Source	Onsite tube-wells [2 nos.]	Onsite tube-wells [2 nos.]
5	Power Load	2000 KVA	Existing power load would be sufficient
6	DG Capacity [power back up]	1@1000 KVA, 1@500 KVA and 1@380 KVA 1@125 KVA DG set as emergency fire-fighting services.	No new DG set proposed.
7	Boiler	2 nos. of capacity 5 MT/hr and 3 MT/hr [running under capacity]	Existing boiler would be sufficient
8	ETP	120 KLD	Existing ETP would be sufficient

5. Water calculation details:

Sr. No.	Uses	Existing Water Requirement KLD				Proposed Water Requirement KLD			
		Fresh Water	Recycled	Total	Effluent Generation	Fresh Water	Recycled	Total	Effluent Generation
1	RO ED Plant Feed for Process, Reactor Cleaning, Boiler etc.	51	0	51	17 (RO Reject)	75	0	75	25
2	Floor Cleaning	0	1	1	1	0	3	3	3
3	Boiler	Included in RO Feed	-	-	5 (Blow Down)	Included in RO Feed	12	12	10 (Blow Down)
4	Cooling Tower Make-up	0	2	2	0.28 (Blow Down)	0	2	2	0.28
5	Domestic Uses (Drinking, Sanitation)	3	4	7	5	6	5	11	10
6	Gardening	7	3	10	0	0	10	10	0
7	Total	61	10	71	28.28	81	32	113	48.28

6. Maximum storage capacity of solvents /chemicals is 215 KL [Petroleum Class A – 150 KL and class B – 65 KL]

7. Hazardous waste details:

SN	Type of waste	Cat. as per HW Rule	Mode of disposal
1	Process residue & waste	28.1	Stored in leakage proof container and safely stored onsite on impervious floor at designated place and disposed through common HWTSDf.
2	Spent Solvent	28.6	Recovered in onsite solvent recovery plant
3	Spent carbon	28.3	Stored in leakage proof container and safely stored onsite on impervious floor at a designated place and disposed through common HWTSDf
4	Distillation residue of spent solvent recovery	36.1	
5	ETP sludge [dried]	35.3	
6	Empty barrels/containers/ liners contaminated with hazardous chemicals/wastes	33.1	Disposed through CPCB/UPPCB authorized recyclers.
7	Used oil	5.1	Sold to CPCB/UPPCB authorized recyclers

8. The project proposal falls under category–5(f) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-06**

**The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith following conditions:**

1. Statutory compliance:

- The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
- 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.
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the

- six-monthly compliance report. (in case of the presence of schedule species in the study area).
- v. 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.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
  - vii. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
2. Air quality monitoring and preservation:
- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
  - iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
  - v. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
  - vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
  - vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied.
3. Water quality monitoring and preservation:
- i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)
  - ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
  - iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever, is more stringent.
  - iv. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
  - v. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm

- water from the premises shall be collected and discharged through a separate conveyance system.
- vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
  - vii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
4. Noise monitoring and prevention:
- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
  - ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
  - iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
5. Energy Conservation measures:
- i. The energy sources for lighting purposes shall preferably be LED based.
6. Waste management:
- i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
  - ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
  - iii. The company shall undertake waste minimization measures as below:-
    - a. Metering and control of quantities of active ingredients to minimize waste.
    - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
    - c. Use of automated filling to minimize spillage.
    - d. Use of Close Feed system into batch reactors.
    - e. Venting equipment through vapour recovery system.
    - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation
7. Green Belt:
- i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
8. Safety, Public hearing and Human health issues:
- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
  - iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
  - v. 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.

- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
  - vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
9. Corporate Environment Responsibility:
- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  - ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation /violation of the environmental / forest /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.
  - iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
  - v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
10. Miscellaneous:
- i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
  - ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
  - iii. Agreement with TSDF vendors shall be submitted.
  - iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
  - v. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
  - vi. 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.
  - vii. 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.
  - viii. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
  - ix. 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.
  - x. 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.
- xi. 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.
  - xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - xiii. 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.
  - xiv. 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).
  - xv. 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.
  - xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  - xviii. 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.
  - xix. 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.
  - xx. 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.

**7. Government Medical College, Ghazipur at Gata No- 243, 244, 246, 247, 248 at Village-Siraon, Tehsil & District-Ghazipu, U.P. Principal, Government Medical College, Ghazipur, U.P. File No. 5515/Proposal No. SIA/UP/MIS/142946/2020**

The committee noted that the project proponent applied to exempt the project proposal for the requirement of environmental clearance as per MoEF&CC, Govt. of India Notification dated 09/06/2015 subject to sustainable environment management in pursuance of MoEF&CC Notification dated 22/12/2014. The committee observed that the project proponent proposed to medical college, hostel, residential compound and laboratories regarding the project. Hence, the committee decided that the project proposal cannot grant the exemption for the requirement of environmental clearance and environmental clearance is required as per EIA Notification, 2006 (as amended). The project proposal appraise by the SEAC for grant of environmental clearance.

A presentation was made by the project proponent along with their consultant M/s Sawen Consultancy Services Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Government Medical College, Ghazipur at Gata No- 243,244, 246, 247, 248 at Village- Siraon, Tehsil & District-Ghazipu, U.P.
2. Salient features of the project:

Plot area	87434.06 m <sup>2</sup>
Ground Coverage	11614.00 m <sup>2</sup>
Parking Area	12351.00 m <sup>2</sup> (537 ECS)
Built-up Area	44571.50 m <sup>2</sup>
Total Expected Population	1015 persons
Electric Load	4000 KV
Standby DG Set:	For 640 KVA (3 no D. G. Set)
Source of water supply	03 no. deep bore well
Total Consumption of Water	104 KLD
Total MSW generated	589.75 Kg/Day
Total Transit Centers	01 no.
Proposed rainwater harvesting pits	26 no's.
STP capacity	200 KLDSTP
ETP capacity	10 KLD ETP
Stack Height	5.06 m above the tallest building.
No. of rain water harvesting pits	26 nos.
Total Project Cost	220.43 Crores
Project Completion	2022

3. Land use details:

S. No.	Particulars	Area (m <sup>2</sup> )	percentage
1	Ground coverage	11614.00	13.28
2	Green Area (Softscaping)	13400.00	15.32
3	Parking Area	12351.00	14.12
4.	Road & paved Area	13417.69	15.34
5.	Future expansion	36651.37	41.91
Total area		87434.06	100

4. Population details:

S. NO.	STAFF DESIGNATION	Population
1.	Residents (Director's + all Doctors family , All Hostellers , Interns, Senior and Junior Residents & Nurses)	765
2.	Residents (Cafeteria & other Service staff including Hostel mess)	100
3.	Non-Residents (Service Staff)	50
4.	Visitors including domestic helpers and maids	100
Total Expected Population		1015

5. Water calculation details:

S.No.	Water Use	Population	Per Capita in (LPCD)	Water Requirement (KLD)	Waste Water Generation (KLD)
1.	Residents (Director, Doctors & Medical and Non- Medical Staff's Family), and all Hostellers	765	86	65.79	52.63
2.	Residents (Canteen and other s service at Hostels)	100	86	8.60	6.88
3.	Non Residents (Services & Staff)	50	45	2.25	1.80
4..	Visitors	100	15	1.50	1.20
TOTAL DOMESTIC WATER REQUIREMENT				78.14	62.51
5.	Kitchen 7 Laundry etc. (Lumpsum Usage )			10.00	8.00
6.	D.G. Set Cooling	640KVA	0.9 l/KVA/4 hr	2.30	Nil
7.	Gardening/Landscape Area	13400.00 m <sup>2</sup>	1 l/m <sup>2</sup>	13.4	Nil
TOTAL WATER REQUIREMENT				103.84 say 104	70.51 say 71

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



**Resolution against agenda no-07**

**The committee discussed the replies and recommended grant of environmental clearance for the project proposals alongwith general conditions as earlier prescribed by authority for construction project and following specific conditions:**

1. Adequate parking for visitor should be provided at the entrance gate of buildings.
2. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
3. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
4. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
5. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
6. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
7. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
8. 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 and First Aid Room etc.
9. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
10. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
11. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
12. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
13. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
14. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
15. No parking shall be allowed outside the project boundary.
16. Parking space for ambulances shall be exclusively earmarked.
17. Police post shall be provided near emergency.
18. Dedicated power supply to be installed in Operation Theaters and other critical areas, if applicable.
19. Accommodation for attendants to be provided near indoor nursing wards.
20. 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.
21. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
22. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State

- Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
23. 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.
  24. 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.
  25. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
  26. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
  27. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
  28. Disposal of muck during construction phase should 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.
  29. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
  30. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
  31. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
  32. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
  33. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
  34. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation. Landscape plan to be revised accordingly.
  35. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
  36. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
  37. All the internal drains are to be covered till the disposal point.

**8. Government Medical College at Khasra No.-1206 & 1093, Village- Siraon, District-Etah. Principal, Government Medical College, Etah, U.P. File No. 5612/Proposal No. SIA/UP/MIS/149174/2020**

The committee noted that the project proponent applied to exempt the project proposal for the requirement of environmental clearance as per MoEF&CC, Govt. of India Notification dated 09/06/2015 subject to sustainable environment management in pursuance of MoEF&CC Notification dated 22/12/2014. The committee observed that the project proponent proposed to medical college, hostel, residential compound and laboratories regarding the project. Hence, the committee decided that the project proposal cannot grant the

exemption for the requirement of environmental clearance and environmental clearance is required as per EIA Notification, 2006 (as amended). The project proposal appraise by the SEAC for grant of environmental clearance.

A presentation was made by the project proponent along with their consultant M/s Sawen Consultancy Services Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Government Medical College, Etah at Gata No- 1206, 1093, Village- Siraon, Tehsil & District- Etah, U.P.

2. Salient features of the project:

Plot area	64921.15 m <sup>2</sup>
Ground Coverage	9796.05 m <sup>2</sup>
Parking Area	7452 m <sup>2</sup> (451 ECS)
Built-up Area	43150.41 m <sup>2</sup>
Total Expected Population	1195 persons
Electric Load	3500 KVA
Standby D.G set	2 no of 320 KVA each & 2 no of 160 KVA each
Source of water supply	02 number of bore wells
Total Consumption of Water	256 KLD
Total MSW generated	578.75 Kg/day
Total Transit Centers	03 numbers with 1.1 m <sup>3</sup> capacity
Proposed rainwater harvesting pits	15 numbers
STP capacity	500 KLD
ETP Capacity	25 KLD
No. of rain water harvesting pits	15 nos.
Total Project Cost	216.84 crores
Project Completion	2022

3. Land use details:

S. No.	Particulars	Area (m <sup>2</sup> )	percentage
1	Ground coverage	9796.05	15.09
2	Road Area	16144.87	24.87
3	Green Area (Soft scaping)	10000.00	15.40
4	Hard Scaping Area	5076.17	7.82
5	Parking Area	7452.00	11.48
6	Open area	16452.06	25.34
7	Plot area	64921.15	100.00

4. Population details:

S. NO.	STAFF DESIGNATION	Population
1.	Non-Teaching & contractual staff	100
2.	Day Scholar	200
3.	Hostellers both boys and girls	300
4.	Interns and Residents students	118
5.	Residents	307
6.	Guards and service staff	70
7.	Visitors	100
Total Expected Population		1195

5. Water calculation details:

S.no.	Water Use	Population	Per Capita in (LPCD)	Water Requirement (KLD)	Waste Water Generation (KLD)
1.	Non-Teaching & contractual staff	100	45	4.5	3.6
2.	Day Scholar	200	45	9	7.2

3	Hostellers both boys and girls	300	86	25.8	20.64
4	Interns and Residents students	118	86	10.148	8.1184
5	Residents	307	86	26.402	21.1216
6	Guards and service staff	70	45	3.15	2.52
7	Visitors	100	15	1.5	1.2
4.	Cafeteria			36.	28.80
5.	Hostel mess			110.46	88.37
TOTAL DOMESTIC WATER REQUIREMENT				226.96	181.57
4.	Laboratories (Lumpsum Usage )			10	8
5.	D.G. Set Cooling	960KVA	0.9 l/KVA/4 hr	3.456	-
6.	Gardening/Landscape Area	15476.17 sqm	1 l/m <sup>2</sup>	15.48	-
TOTAL WATER REQUIREMENT				255.896 say 256KLD	189.57

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

**Resolution against agenda no-08**

**The committee discussed the replies and recommended grant of environmental clearance for the project proposals alongwith general conditions as earlier prescribed by authority for construction project and following specific conditions:**

1. Adequate parking for visitor should be provided at the entrance gate of buildings.
2. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
3. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
4. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
5. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
6. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
7. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
8. 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 and First Aid Room etc.
9. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
10. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.

11. Bio medical waste management shall be followed as per the Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal.
12. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
13. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
14. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
15. No parking shall be allowed outside the project boundary.
16. Parking space for ambulances shall be exclusively earmarked.
17. Police post shall be provided near emergency.
18. Dedicated power supply to be installed in Operation Theaters and other critical areas, if applicable.
19. Accommodation for attendants to be provided near indoor nursing wards.
20. 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.
21. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
22. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
23. 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.
24. 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.
25. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
26. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
27. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
28. Disposal of muck during construction phase should 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.
29. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
30. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.

31. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
32. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
33. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
34. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation. Landscape plan to be revised accordingly.
35. RWH to be done only from roof top. Arrangement shall be made that waste water and storm water do not get mixed.
36. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
37. All the internal drains are to be covered till the disposal point.

**9. Development of Rose County East, Village-Sandauli Umarpur, Pargana- Devi Nawabganj, District-Barabanki, U.P. M/s ARG Infrastructures Pvt. Ltd. File No. 5628/Proposal No. SIA/UP/MIS/149811/2020**

**RESOLUTION AGAINST AGENDA NO-09**

The project proponent requested to defer the matter. The committee discussed the matter and directed to defer the matter from the agenda as per request made by the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed portal.

**10. Group Housing at Plot No.-SC-01/C-AS, Sector- 150, Greater Noida, District-Gautam Buddha Nagar, U.P. , M/s Augur Realtors Pvt. Ltd. File No. 5636/Proposal No. SIA/UP/MIS/150198/2020**

**RESOLUTION AGAINST AGENDA NO-10**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The committee discussed the matter and directed the project proponent to submit structure stability certificate regarding the project. The matter will be discussed only after submission of online information on prescribed online portal.

**11. Office Building at Plot No.-04, Sector- 142, Noida, District-Gautam Buddha Nagar, U.P. , M/s ISGEC Heavy Engineering Ltd. File No. 5644/Proposal No. SIA/UP/MIS/150759/2020**

**RESOLUTION AGAINST AGENDA NO-11**

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

**12. Hi-tech Township at Village-Kali Paschim, Maati, Ali Nagar Khurd, Ashraf Nagar and Ahamad Nagar, Raibareli Road, Lucknow ,U.P., M/s Garv Builditech Pvt. Ltd. File No. 606/Proposal No. SIA/UP/MIS/138253/2020**

**RESOLUTION AGAINST AGENDA NO-12**

The committee noted that the environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 1274/parya/SEAC/606/2010 dated 02/06/2011 for plot area 2700 acres & built-up area 1,49,69,262.41 m<sup>2</sup>. The project proponent through letter dated 23/01/2020 applied for amendment in environmental clearance letter dated 08/04/2019.

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The SEAC observed that the environmental clearance was issued for the said project vide letter no. 1274/parya/SEAC/606/2010 dated 02/06/2011 and extension of validity was issued vide letter no. 328/Parya/SEAC/606/2018, dated 20/08/2018. The validity of the environmental clearance letter dated 02/06/2011 was expired on 31/05/2020. Hence, in this situation the environmental clearance can not be amended. The SEAC directed the project proponent to apply a fresh application for environmental clearance.

**(Dr. Virendra Misra)**  
**Member**

**(Dr. Pramod Kumar Mishra)**  
**Member**

**(Dr. Ranjeet Kumar Dalela)**  
**Member**

**(Shri Meraj Uddin)**  
**Member**

**(Dr. Ajoy Mandal)**  
**Member**

**(Shri Rajiv kumar)**  
**Member**

**(Dr. Sarita Sinha)**  
**Member**

**(Prof. S.K. Upadhyay,)**  
**Member**

**(Dr. (Prof.) S. N. Singh)**  
**Chairman**