



सत्यमेव जयते

File No: 10836-9625  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment Authority (SEIAA),  
UTTAR PRADESH)

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Date 09/05/2026



To,

Shri Shrihari Pratap Shahi  
M/s UTTAR PRADESH EXPRESSWAYS INDUSTRIAL DEVELOPMENT AUTHORITY  
(UPEIDA)  
Paryatan Bhawan, 2nd Floor, C-13, Vipin Khand Gomti Nagar, Lucknow, LUCKNOW, UTTAR  
PRADESH, 226010  
ceo.eida-up@gov.in

**Subject:** Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 -regarding. 1. Integrated Manufacturing and Logistic Cluster (IMLC) Unnao at Village – Saray Katiyan & Village - Murtazanagar, Tehsil – Sadar, District – Unnao, Uttar Pradesh by Uttar Pradesh Expressways Industrial Development Authority (UPEIDA).

**Sir/Madam,**

This is in reference to your application submitted to SEIAA vide proposal number SIA/UP/INFRA1/561104/2025 dated 10/12/2025 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25B3102UP5726611N
(ii) File No.	10836-9625
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	7(c) Industrial estates/ parks/ complexes/ areas, export processing Zones (EPZs), Special Economic Zones
(vii) Name of Project	Proposed Integrated Manufacturing and Logistic Cluster (IMLC) Unnao at Village – Saray Katiyan & Village - Murtazanagar, Tehsil – Sadar, District – Unnao, Uttar Pradesh by Uttar Pradesh Expressways Industrial Development Authority (UPEIDA)
(viii) Name of Company/Organization	UTTAR PRADESH EXPRESSWAYS INDUSTRIAL DEVELOPMENT AUTHORITY

	(UPEIDA)
<b>(ix) Location of Project (District, State)</b>	UNNAO, UTTAR PRADESH
<b>(x) Issuing Authority</b>	SEIAA
<b>(xi) Applicability of General Conditions as per EIA Notification, 2006</b>	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2(Part A, B and C)/ EIA & EMP Reports were submitted to the SEAC for appraisal under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by SEAC in its meeting held on 13-3-2026. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above.

5. Details of the minerals to be mined along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form 1 (Part A and B) in the reports and as presented during SEAC meeting are annexed to this EC as Annexure (2).

6. The SEAC, in its meeting held on 13-03-2026 based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of Specific and Standard EC conditions as given in Annexure (1).

7. The SEIAA in its meeting held on 15-04-2026 has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the SEIAA hereby accords Environment Clearance for the instant proposal Shri Shrihari Pratap Shahi under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific conditions as given in Annexure (1)

8. The SEIAA reserves the right to stipulate additional conditions, if found necessary.

9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

10. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

11. General Instructions:

a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.

b) 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 must display the same for 30 days from the date of receipt.

c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing 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.

d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental

protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

e) 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.

f) The project proponent shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

g) 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.

h) The SEIAA reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

12. This issues with the approval of the Competent Authority.

## Annexure 1

### Specific EC Conditions for (Industrial Estates/ Parks/ Complexes/ Areas, Export Processing Zones (Epzs), Special Economic Zones)

#### 1. Environmental Attributes

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1.1	<p>I. Comments/Environmental safeguard conditions by UPPCB shall be duly followed.</p> <p>II. Under the project, different purposes of area/land has been allotted, separate Environmental Clearance shall be taken for the project/activity having built-up area more than 20,000 sqm and any type of industry/activity covered under the provision of EIA Notification 2006, (as amended).</p> <p>III. Zone wise industries will be established. Buffer zone between the red, green and other industries should be maintained as green belt.</p> <p>IV. No ground water will be used under the project.</p> <p>V. UPEIDA should ensure that 33% area of the total plot area should be developed as green area with native place while allotting the land to the individual unit. UPEIDA should ensure its compliance.</p> <p><b>Specific conditions</b></p> <p><b>1. UPEIDA as nodal developer</b>, shall ensure to comply with all applicable provisions of the <b>EIA Notification, 2006</b>, the <b>Environment (Protection) Act, 1986</b>, the <b>Air Act, 1981</b>, the <b>Water Act, 1974</b>, the <b>Noise Pollution (Regulation and Control) Rules, 2000</b>, the <b>Hazardous and Other Wastes Rules</b>, the <b>Solid Waste Management Rules</b>, the <b>E-Waste Management Rules</b>, and all directions/conditions issued by <b>UPPCB, CPCB and other statutory authorities</b>.</p> <p><b>2.</b> This Environmental Clearance is granted strictly in accordance with the <b>project description, EIA/EMP report and commitments made before the appraisal authority</b>. Any deviation from the appraised project scope, land use, built-up area, industrial profile, process configuration, product mix, or environmental safeguards shall require prior approval/fresh EC, as applicable, under the EIA Notification, 2006.</p> <p><b>3.</b> The land use within the project area shall be strictly in accordance with the <b>proposed layout and activities</b> appraised for the project.</p> <p><b>4.</b> Only <b>permissible industrial activities</b>, as per the EIA Notification, 2006 and applicable environmental regulations, shall be allowed within the industrial estate. Each individual industry shall be governed by applicable environmental norms and shall obtain necessary statutory</p>

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	<p>clearances independently.</p> <p><b>5.</b> The EC is granted to <b>UPEIDA as the nodal developer</b>, and UPEIDA shall remain responsible for ensuring that all industries allotted plots within the <b>IMLC</b> comply with the conditions of this EC, applicable environmental laws, <b>UPPCB</b> consent conditions, and all relevant statutory requirements, notwithstanding that each individual unit may have its own separate EC/CTO.</p> <p><b>6.</b> UPEIDA shall make it a binding condition in each allotment/lease agreement that all individual industries shall obtain <b>Environmental Clearance, UPPCB approvals/ Consent to Operate (CTO), and other statutory permissions</b>, as applicable, before commencement of construction or operation.</p> <p><b>7.</b> No construction, earthwork, installation of infrastructure, utilities or industrial facilities shall be commenced on the project site without obtaining all requisite approvals and clearances, including but not limited to <b>land use conversion, layout approval, and UPPCB permissions</b>. Any activity prior to such permissions shall be treated as violation under the EP Act, 1986.</p> <p><b>8.</b> UPEIDA shall ensure that no <b>Red-category industry</b>, as prohibited under the approved project configuration and applicable regulatory framework, is permitted or allotted a plot within the IMLC except to the extent specifically appraised and allowed under the present EC. A <b>negative list of prohibited industries</b> shall be maintained and made publicly available on UPEIDA's website before first allotment.</p> <p><b>9.</b> Zone-wise industries shall be established within the estate, and adequate buffer between <b>red, green and other categories of industries</b> shall be maintained in the form of greenbelt and compatible spatial planning.</p> <p><b>II. Greenbelt, Plantation and Biodiversity Conservation</b></p> <p><b>10.</b> The project proponent shall develop a <b>dense and effective greenbelt</b> along the project boundary, particularly on the sides adjoining nearby habitations, and the greenbelt shall be designed and maintained to function as an effective environmental buffer.</p> <p><b>11.</b> The greenbelt shall be developed in compliance with the conditions stipulated by <b>UPPCB</b>, including the requirement of <b>100 m wide greenbelt</b> as per its applicable conditions/observations. However, the project proponent has submitted that a greenbelt of <b>20 m to 60 m width</b> has been proposed in the project design and that the matter has been taken up with UPPCB for necessary amendment. Accordingly, unless specifically modified/relaxed by UPPCB, the more stringent requirement of <b>100 m wide greenbelt</b> shall prevail.</p> <p><b>12.</b> Given that residential villages namely <b>Maita, Sarai Katiyan, Lahiya and Daroga Khera</b> are located within <b>0.4–1.0 km</b> of the project boundary, a continuous dense greenbelt of <b>minimum 45–60 m width</b> shall be developed and maintained as a noise and dust buffer along the boundaries closest to such habitations; however, this shall be subject to and not dilute the more stringent condition imposed by UPPCB, if any.</p> <p><b>13.</b> A minimum of <b>33% of the total project area</b> shall be maintained as green cover at all times. UPEIDA shall develop <b>23.75 ha of common green area</b>, and individual industries shall maintain green cover within their respective plots as per applicable norms.</p> <p><b>14.</b> Only <b>indigenous/native tree species</b> shall be planted in the greenbelt. <b>Exotic invasive species</b> shall not be used. A <b>multi-tier greenbelt</b> of recommended pollution-tolerant species shall be developed along the periphery for effective attenuation of dust, air pollution and noise.</p> <p><b>15.</b> Permission from the <b>Forest Department/competent authority</b> shall be obtained prior to any tree felling. Compensatory afforestation at the applicable ratio shall be undertaken wherever trees are felled within the site, with species suitable to local ecology and in consultation with the State Forest Department.</p> <p><b>16.</b> A <b>management plan for biodiversity conservation</b>, with implementation schedule and adequate fund provision, shall be prepared and implemented with the help of the concerned Government institution/State Forest Department, wherever applicable.</p> <p><b>17.</b> All topsoil excavated during development/construction activities shall be stored and used for horticulture/landscape development within the project site.</p> <p><b>18.</b> For monitoring of land use pattern, <b>time-series land use maps</b> based on satellite imagery of the</p>

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	<p>core and buffer zone shall be prepared once in <b>three years</b> and maintained for regulatory review.</p> <p><b>III. Forest, Wildlife and Eco-Sensitive Receptors</b></p> <p><b>19.</b> The project proponent shall obtain a <b>NOC from the Forest Department/competent authority</b> confirming that the project site does not fall within any Protected Area, National Park, Wildlife Sanctuary or Eco-Sensitive Zone, and shall obtain all necessary permissions/clearances/NOCs from the competent wildlife authority, if applicable, and comply with all relevant statutory provisions.</p> <p><b>20.</b> In case any <b>Schedule-I species</b> is found present in the study area, a <b>site-specific conservation plan/wildlife management plan</b> shall be prepared, got approved by the <b>Chief Wildlife Warden</b>, and implemented in consultation with the State Forest Department.</p> <p><b>21.</b> The project site lies approximately <b>6.25 km from the ESZ of Nawabganj/Shahed Chandrashekhar Azad Bird Sanctuary</b>. UPEIDA shall ensure that no operational discharge, wastewater discharge, solid waste disposal activity, or other polluting activity adversely affects the sanctuary or its ESZ.</p> <p><b>22.</b> No industry involving <b>open storage of toxic/hazardous chemicals, waste incineration, or high-odour generating processes</b> shall be located in the quadrant/zone facing towards the sanctuary ESZ.</p> <p><b>23.</b> An <b>annual ecological audit</b> of the greenbelt and surrounding area shall be carried out and maintained for inspection/compliance purposes.</p> <p><b>IV. Water Requirement, Source, Conservation and Rainwater Harvesting</b></p> <p><b>24.</b> Water requirement for the project shall be met only after obtaining permission from the competent authority for <b>groundwater extraction or any other approved source</b>. Fresh water shall be drawn only from sources duly authorized by the competent authority, and permission from the <b>CGWA/SGWA</b> shall be obtained before operationalisation of groundwater extraction. The total quantity of fresh groundwater abstraction shall not exceed the limit prescribed in such permission.</p> <p><b>25.</b> In view of the water-intensive nature of the proposed industrial estate, the project proponent shall explore the feasibility of meeting water requirements through <b>alternative sources</b>, including supply through a <b>pipeline from Sharda Canal</b>.</p> <p><b>26.</b> UPEIDA shall develop and maintain dedicated common infrastructure for <b>water supply, internal distribution and metering</b> for each industrial plot. Water consumption of each industry shall be metered and records maintained. <b>Yearly water audit</b> shall be conducted and submitted to UPPCB.</p> <p><b>27.</b> The quantity of <b>fresh water usage, water recycling and rainwater harvesting</b> shall be measured and recorded to ensure the water balance as projected by the project proponent.</p> <p><b>28.</b> The project proponent shall ensure sustainable water management practices within the project, including <b>segregation of used water, cascade use, recycling of treated water, and minimization of fresh water consumption</b>.</p> <p><b>29.</b> Water demand during development/construction shall be reduced through use of <b>pre-mixed concrete, curing agents and other appropriate water conservation practices</b>.</p> <p><b>30.</b> Low-flow fixtures for <b>showers, toilet flushing and drinking water points</b> shall be provided by use of aerators, pressure reducing devices, sensor-based controls or equivalent measures.</p> <p><b>31.</b> Adequate <b>rainwater harvesting structures</b> shall be provided within the project area, and UPEIDA shall ensure development and maintenance of rainwater harvesting systems as part of common infrastructure.</p> <p><b>V. Storm Water, Natural Drainage and Groundwater Protection</b></p> <p><b>32.</b> An effective <b>storm water drainage system</b> shall be designed and implemented within the project area. Construction of storm water drains for collection, storage and reuse of storm water shall be undertaken in accordance with applicable guidelines.</p> <p><b>33.</b> The project proponent shall develop <b>three (03) storm water management ponds</b> with a combined area of approximately <b>5,440 sq. m</b>, average depth of <b>5 m</b>, and capacity of approximately <b>27,200 m<sup>3</sup></b>, for collection and management of storm water runoff as proposed.</p> <p><b>34.</b> It shall be ensured that no contamination of nearby ponds or any water bodies occurs due to project activities. Storm water and wastewater systems shall be designed to prevent mixing of</p>

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	<p>contaminated runoff with natural water bodies.</p> <p><b>35.</b> The project shall not amend or alter the pathways of <b>natural streams, creeks, drains or nallahs</b>, if any, in or around the project area.</p> <p><b>36.</b> Any water body located in the vicinity of the project site shall not receive any effluent or surface runoff contaminated with industrial pollutants. A <b>ring drain/stormwater system with oil and grease traps</b> shall be installed along the entire project periphery to prevent contaminated runoff from entering the canal, agricultural drains, or any water body.</p> <p><b>37.</b> Pre-treatment arrangements shall be provided before recharge of surface runoff so as to remove <b>suspended matter, oil and grease</b>.</p> <p><b>38.</b> Groundwater level and quality shall be monitored through dedicated observation wells, <b>minimum four at peripheral compass points</b>, every <b>six months</b>. Parameters shall include <b>heavy metals, pH, TDS, BOD, COD, chlorides, nitrates, and other relevant sector-specific parameters</b>. Appropriate mitigation measures shall be taken in case any adverse impact is observed.</p> <p><b>39.</b> Chemical storage areas, fuel tanks, waste storage yards, and ETPs shall be provided with <b>impervious lining and leak detection systems</b> to prevent groundwater contamination. <b>Secondary containment</b> shall be installed for all liquid chemical/fuel storage areas.</p> <p><b>VI. Effluent Management, STP/ETP and Zero Liquid Discharge</b></p> <p><b>40.</b> Each individual industrial unit shall install and operate its own <b>Sewage Treatment Plant (STP)</b> and <b>Effluent Treatment Plant (ETP)</b>, as applicable, prior to commencement of production/operation.</p> <p><b>41.</b> A <b>Zero Liquid Discharge (ZLD)</b> approach shall be strictly implemented for all industrial effluents within the IMLC. No industrial effluent, treated or untreated, shall be discharged outside the premises, outside the estate boundary, or into any surface water body, drain, canal or groundwater.</p> <p><b>42.</b> The project proponent shall ensure that each individual plot owner/industrial unit installs and operates an independent STP of adequate capacity for treatment of domestic wastewater generated from the respective unit. Treated domestic wastewater shall be reused for <b>flushing, landscaping and other permissible non-potable uses</b>, and no untreated sewage shall be discharged outside the premises.</p> <p><b>43.</b> Each industry shall install an ETP of adequate capacity prior to commencement of production. The ETP shall be designed to treat <b>industry-specific effluents</b> to meet standards prescribed under <b>Schedule-I of the Environment (Protection) Rules, 1986</b> and UPPCB consent norms before internal reuse.</p> <p><b>44.</b> Treated wastewater generated from industrial units, after maintaining ZLD, shall be reused. Any additional treated water shall be utilized by <b>UPEIDA for irrigation of greenbelt and landscaping</b> within the project area, wherever compatible with the approved system.</p> <p><b>45.</b> Effluent monitoring systems, including proper <b>flow meters and online monitoring arrangements</b>, wherever applicable, shall be installed and maintained to monitor effluent quality and quantity in accordance with the standards prescribed under the Environment (Protection) Rules, 1986.</p> <p><b>VII. Air Pollution Control and Emission Management</b></p> <p><b>46.</b> All industries within the IMLC shall install adequate <b>Air Pollution Control Devices (APCDs)</b> as per CPCB guidelines applicable to their respective sectors before commencement of production. No stack/flue/furnace emissions shall be discharged directly to the atmosphere without adequate treatment.</p> <p><b>47.</b> Industries using <b>furnaces, boilers or metallurgical processing systems</b> shall comply with the emission standards prescribed under the Environment (Protection) Rules, 1986 and UPPCB consent conditions.</p> <p><b>48.</b> The baseline ambient air quality established during the EIA study period (<b>October–December 2024</b>) shall serve as the reference. Incremental air quality impact due to industrial operations shall be monitored and ensured to remain within <b>NAAQS limits</b> at all times.</p>

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	<p><b>49.</b> A <b>Continuous Ambient Air Quality Monitoring Station (CAAQMS)</b> shall be installed and made operational by UPEIDA/units before commencement of operations.</p> <p><b>50.</b> All DG sets deployed during construction and operation phases shall conform to <b>CPCB norms</b> for DG sets, shall be enclosed in <b>acoustic enclosures</b>, and shall have exhaust stacks of adequate height as per CPCB guidelines. Storage of diesel shall be made in accordance with applicable statutory approvals, and only <b>low-sulphur diesel (BS-VI compliant)</b> shall be used.</p> <p><b>51.</b> All material transport vehicles entering or exiting the industrial estate shall carry only <b>covered loads</b>. Internal roads shall be regularly <b>wet-swept/mechanically swept</b> to control fugitive dust, and vehicular speed within the estate shall be restricted to <b>20 km/hr</b>.</p> <p><b>52.</b> Vehicles engaged for bringing construction material to the site shall have valid <b>PUC certificates</b>, shall conform to applicable air and noise emission standards, and shall preferably operate during <b>non-peak hours</b>.</p> <p><b>53.</b> Traffic congestion near the entry and exit points of adjoining roads shall be avoided. Parking, loading and unloading activities shall be <b>fully internalized</b>, and no public space shall be used for such purposes.</p> <p><b>VIII. Noise Control</b></p> <p><b>54.</b> All machinery, DG sets and industrial operations shall comply with the ambient noise standards prescribed under the <b>Noise Pollution (Regulation and Control) Rules, 2000</b> for industrial and residential areas, as applicable. Acoustic enclosures/barriers shall be mandatorily installed for all major noise-generating equipment.</p> <p><b>55.</b> No pile driving, blasting, or high-intensity construction activity shall be permitted during <b>nighttime</b>. Noise level survey shall be carried out as per prescribed guidelines and maintained for compliance review.</p> <p><b>IX. Solid Waste, Hazardous Waste and Construction-phase Waste</b></p> <p><b>56.</b> Each industrial unit shall be solely responsible for management of <b>solid waste, hazardous waste and e-waste</b> generated from its operations. Prior to commencement of production, each unit shall obtain requisite authorization from UPPCB under the applicable Hazardous and Other Wastes Rules.</p> <p><b>57.</b> Hazardous waste shall be stored in <b>CPCB-compliant storage facilities</b> with impervious flooring, leachate collection, fire protection and proper labelling, and disposed of only through <b>CPCB/UPPCB-authorized recyclers/TSDFs</b>. No hazardous waste shall be buried, burnt in open, or deposited within or outside the estate premises. UPEIDA shall maintain a <b>master register</b> of hazardous waste generated, stored and disposed of by all units within the estate.</p> <p><b>58.</b> E-waste generated from individual industries shall be handled and disposed of only through <b>authorized dismantlers/recyclers</b> registered with UPPCB/CPCB under the applicable rules. Used oil from DG sets and industrial machinery shall be sold only to <b>authorized re-refiners/recyclers</b>. Used LEDs and other such waste shall be properly collected and disposed of or sent for recycling as per prevailing rules.</p> <p><b>59.</b> UPEIDA shall ensure development of a <b>common Organic Waste Converter (OWC)/composting facility</b> for management of biodegradable domestic solid waste generated within the estate. The solid waste generated shall be properly collected and segregated in accordance with the <b>Solid Waste Management Rules, 2016</b>. Wet waste shall be composted and dry/inert waste shall be disposed of to approved sites after recovering recyclable material. No municipal waste shall be disposed of outside the premises.</p> <p><b>60.</b> Disposal of <b>muck</b> during development/construction phase shall not create any adverse effect on neighbouring communities and shall be undertaken only at approved sites with approval of the competent authority. Air pollution and solid waste management during development/construction shall comply with the <b>Construction and Demolition Waste Management Rules, 2016</b>. <b>Fly ash bricks</b> shall be used as building material in construction, as per applicable notification and amendments.</p> <p><b>X. Sector-specific Environmental Safeguards</b></p> <p><b>61.</b> Distillery units, including <b>beer/non-molasses/grain-based units</b>, if established within the</p>

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	<p>estate, shall mandatorily maintain <b>Zero Liquid Discharge</b>. Spent grain, lees, slops and yeast shall be managed as per <b>CPCB guidelines for distillery effluent</b>. No spent wash shall be spread on land or discharged into any drain or waterbody.</p> <p><b>62.</b> Fisheries/aquaculture units shall install <b>enclosed odour control systems</b>, including biofilters, activated carbon filters, or equivalent systems as described in the EIA report. Fish processing waste shall be disposed of within <b>24 hours</b> through cold storage/composting/biogas or other approved means so as to prevent foul odour generation and vector breeding.</p> <p><b>63.</b> Integrated paint industry units shall manage <b>VOC emissions</b> through dedicated <b>scrubber/thermal oxidizer systems</b>. Solvent waste and paint sludge shall be managed as hazardous waste.</p> <p><b>64.</b> Pulp and paper units, if established, shall comply with <b>CPCB's standards for the sector</b> and achieve <b>ZLD</b>. Ash and paper sludge shall be managed as per applicable waste management rules.</p> <p><b>65.</b> Secondary metallurgical processing units shall install <b>bag filters/ESP of adequate efficiency</b>. Metallic slag/dross shall be characterized for <b>leachability</b> and disposed of accordingly as inert or hazardous waste, as applicable.</p> <p><b>XI. Occupational Health, Safety and Disaster Management</b></p> <p><b>66.</b> UPEIDA shall appoint a full-time <b>Environmental, Health and Safety (EHS) Officer</b> for the common estate, and each industrial unit employing more than <b>10 workers</b> shall designate its own Safety Officer as per applicable law.</p> <p><b>67.</b> A comprehensive <b>Disaster Management Plan (DMP)/Emergency Response Plan (ERP)</b> shall be prepared by UPEIDA for the estate covering fire, chemical/hazardous material spills, and industrial accident scenarios, and shall be implemented before commencement of operations.</p> <p><b>68.</b> Annual <b>occupational health check-ups</b> shall be conducted for all workers in the estate, with special emphasis on workers in dust-generating, chemical-handling, and noise-intensive operations. Records shall be maintained and made available to inspecting authorities.</p> <p><b>69.</b> Provision shall be made, as required, for housing of construction labour within the site with necessary infrastructure and facilities such as <b>cooking fuel, toilets, safe drinking water, medical care and crèche facilities</b>.</p> <p><b>XII. CER and Environmental Management</b></p> <p><b>70.</b> UPEIDA shall utilise the earmarked <b>CER budget of Rs. 2.10 Crore (0.5% of project cost)</b> in surrounding villages over the implementation period, with priority on <b>safe drinking water, sanitation, health camps, school infrastructure, and roadside plantation</b>, as committed in the EIA report and public hearing proceedings. CER activities shall be based on <b>need assessment</b> of surrounding villages and shall be verified periodically through an <b>independent third party</b>.</p> <p><b>71.</b> Environmental monitoring during both construction and operation phases shall be carried out at the frequency specified in the <b>Environmental Monitoring Plan (EMP)</b>, and results shall be submitted <b>half-yearly</b> to MoEFCC and UPPCB.</p> <p><b>72.</b> The project proponent shall have a <b>well-laid environmental policy approved by the Board of Directors</b>, prescribing standard operating procedures, checks and balances, and a reporting mechanism for environmental, forest and wildlife related compliance.</p> <p><b>73.</b> A separate <b>Environmental Cell</b> at both project and company headquarter level, with qualified personnel under the control of a senior executive, shall be established for implementation, monitoring and compliance of environmental safeguards. An <b>action plan</b> for implementing EMP and environmental conditions, along with responsibility matrix and earmarked budget, shall be maintained and implemented, and the funds kept separately for environmental protection measures shall not be diverted for any other purpose.</p> <p><b>74.</b> <b>Self-environmental audit</b> shall be conducted annually, and <b>third-party environmental audit</b> shall be carried out once in <b>three years</b>. A special purpose implementation/compliance mechanism shall be maintained by UPEIDA for the estate.</p> <p><b>75.</b> UPEIDA/project proponent shall submit <b>half-yearly compliance reports</b> of the EC conditions to MoEFCC and shall display the same prominently on the <b>PARIVESH portal and official website</b>. The project proponent shall also upload the status of compliance of the stipulated EC</p>

S. No	EC Conditions
	<p>conditions, including monitored data, on its website and update the same on a half-yearly basis.</p> <p><b>76.</b> The project proponent shall monitor <b>criteria pollutants and relevant sector-specific parameters</b>, display the same at an appropriate location for public disclosure, maintain the records on its website, and submit the <b>environmental statement in Form-V</b> to the concerned State Pollution Control Board every financial year as prescribed.</p> <p><b>77.</b> The project proponent shall make public the Environmental Clearance granted for the project along with environmental conditions and safeguards by appropriate public disclosure, including on its official website, and copies of the EC shall be made available to concerned local bodies and relevant Government offices as per applicable procedure.</p> <p><b>78.</b> Concealment of factual data or submission of false/fabricated data may entail action under the provisions of the <b>Environment (Protection) Act, 1986</b>, including revocation of the Environmental Clearance, as applicable. The project authorities shall extend full cooperation to regulatory and monitoring authorities by furnishing requisite data, information and monitoring reports whenever called for.</p>
1.2	<ol style="list-style-type: none"> <li>1. Green belt should be developed as per MoEF&amp;CC guidelines. Concept of wind rose diagram shall be used to design outlay of green belt.</li> <li>2. The project proponent should explore the possibility of including provisions for solar power. Common facilities and utilities should be given maximum priority for solar power usage.</li> <li>3. The project proponent should explore the possibility of installation of common steam boiler.</li> <li>4. Citing norms of industries shall be followed.</li> <li>5. Manufacturing cluster should be designed to include concept of circularity and recycling to reduce waste and ensure efficient disposal.</li> </ol> <p><b>Environmental safeguard conditions by UPPCB</b></p> <ol style="list-style-type: none"> <li>1. Construction work at the site will be started after approval of the building map by the competent authority.</li> <li>2. Proponent shall make arrangement to prevent air pollution due to the dust during construction period, constant water sprinkling on the pathways and dust prone areas. The C&amp;D material loaded vehicles are to be covered with a tarpaulin before moving out of the construction area and shall arrange tarpaulin scaffolding around the area of construction and building.</li> <li>3. Proponent shall arrange temporary treatment facility for treatment of domestic sewage during construction period.</li> <li>4. Proponent shall obtain Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act 1981 as amended and Water (Prevention and Control of Pollution) Act 1974 as amended before start of operation.</li> <li>5. Proponent shall comply the provisions of Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1951 as amended.</li> <li>6. At the project site a display board size 4 X 6 Feet shall be installed to display the provisions of Construction and Demolition Rules 2016.</li> <li>7. Project Proponent shall develop Green belt as per the OM F.No. IA3-22/14/2025-IA.III (E-275538) dated 29 October, 2025 issued by MoEF&amp;CC, Govt. of India.</li> <li>8. Proponent shall comply with various Waste Management Rules as notified by MoEF&amp; CC Le. Plastic Waste Management Rules, 2016, Solid Waste Management Rules, 2016, Hazardous and Other Wastes (Management and Transboundary) Rules, 2016, E-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules. 2016.</li> <li>9. Proponent shall not use ground water in construction activities. Only STP treated water shall be used.</li> <li>10. Proponent shall be developed/constructed as per approved map from competent authority.</li> <li>11. Proponent shall not establish Hot Mix/Ready Mix/Wet Mix Plant without prior permission of</li> </ol>

S. No	EC Conditions
	<p>Board.</p> <p>12. Proponent shall install anti-smog guns at dust prone areas along with PTZ camera and ensure registration on dustapp.ucepc.in for self-declaration of dust control audit.</p> <p>13. The comments of the UPPCB are only pertains to compliance of the Air (Prevention and Control of Pollution) Act 1981 and Water (Prevention and Control of Pollution) Act 1974.</p> <p>14. The Project proponent (PP) shall ensure to install the STP &amp; ETP with adequate capacity to all upcoming industry in IMCL, Unnao. The treated water shall be reused in gardening and other purposes. The treated/untreated water shall not be discharged outside the industry premises.</p> <p>15. The Project proponent shall ensure to install the APCS along with proper stack height in all proposed industry IMCL. The industry shall ensure to meet the emission standards as prescribed in sch-1 of Environment (Protection) Rules, 1986. The industry shall not start gaseous emission &amp; effluent generation without obtaining consent from the board.</p> <p>16. The Project proponent shall dispose the hazardous waste through authorized recyclers/TSDf and prior Authorization shall be obtained and install proper temporary storage facility with safely manner.</p> <p>17. Unit shall Establish Miyawaki forest as per the GO No. 1011/81-7-2021-09(writ)/2016 dated 13.10.2021 of Deptt. of Environment, forest and climate change and Bank Guarantee of Rs. 50,000/- be deposited within a month time along with the proposal for proposed plantation.</p> <p>18. As per proposal Project proponent shall install DG sets and each DG set shall have an acoustic enclosure and a stack as per sch-1 of Environment (Protection) Rules, 1986.</p> <p>19. The PP shall ensure to obtain permission from U.P. State Ground Water Department for withdrawal of ground water within 03 months.</p> <p>20. PP shall insure installation of Antismoke gun/Fix arrangement of water sprinkling for control of fugitive dust.</p> <p>21. The Project proponent shall ensure to maintained and operate the Piezometers to check the water table and maintain a logbook.</p> <p>22. Project proponent shall install the proper arrangement of solid waste/ash generation from the boiler etc. shall not dispose in any surface water/pond/river etc.</p> <p>23. The project proponent shall comply Orders issued by Hon'ble Courts/Hon'ble NGT, Various notifications of issued by MOEF&amp;CC, Central Pollution Control Board, U.P. Pollution Control Board.</p> <p>24. Unit shall install the VoCs meter and install minimum 3 ambient air quality monitoring stations as per CPCB protocol.</p>

**Standard EC Conditions for (Industrial estates/ parks/ complexes/ areas, export processing Zones (EPZs), Special Economic Zones)**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	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).
1.2	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.

S. No	EC Conditions
1.3	All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and ground water abstraction
1.4	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
1.5	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

## 2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the project area at least at four locations (one within and three outside the project area at an angle of 120°each), covering upwind and downwind directions.
2.2	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 emission standards.
2.3	Dust collectors shall be deployed in all areas where surface cleaning and painting operations are to be carried out, supplemented by stacks for effective dispersion.
2.4	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
2.5	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

## 3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.

S. No	EC Conditions
3.2	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.
3.3	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
3.4	No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.

#### 4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	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.
4.2	Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
4.4	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

S. No	EC Conditions
5.1	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;
5.2	Provide LED lights in their offices and project areas.

#### 6. Waste Management

S. No	EC Conditions
6.1	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.
6.2	The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.

S. No	EC Conditions
6.3	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
6.4	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
6.5	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

## 7. Green Belt

S. No	EC Conditions
7.1	An overall green area of at-least 33% of the Industrial Area should be developed with native species. The green area shall be 40% in case of critically polluted area. The project proponent of the Industrial Area shall comply with the additional commitment made by them in the EIA report regarding the development of green belt.
7.2	The Industrial Areas are directed to accordingly allocate the area, to be developed as green cover, to respective individual industrial units so as to achieve the above mentioned condition.
7.3	The individual industrial unit, at the time of obtaining EC, shall bring a letter from the Industrial Area, specifying the area allocated to them to be developed as green cover, as a part of obligation from the Industrial Area.
7.4	Wherever possible, plantations around the periphery of the Industrial Area, in the downwind direction and along the road sides shall be provided for containment of pollution and for formation of a screen between the industrial area and the outer civil area. The choice of plants should include shrubs of height 1 to 1.5 m and tree of 3 to 5 m height. The intermixing of trees and shrubs should be such that the foliage area density in vertical is almost uniform.
7.5	The parameters like selection of plant species, procedure for plantation, density of tree plantation etc shall be as per the CPCB guidelines.

## 8. Public Hearing And Human Health Issues

S. No	EC Conditions
8.1	Workers shall be strictly enforced to wear personal protective equipments like dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.
8.2	Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.

S. No	EC Conditions
8.3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
8.4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
8.5	Occupational health surveillance of the workers shall be done on a regular basis.

### 9. Environment Responsibility

S. No	EC Conditions
9.1	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.
9.2	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.
9.3	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.
9.4	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

### 10. Miscellaneous

S. No	EC Conditions
10.1	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.
10.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

S. No	EC Conditions
10.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
10.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
10.5	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
10.6	The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
10.7	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.8	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
10.9	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.
10.10	No further expansion or modifications in the Industrial Area shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10.11	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
10.12	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
10.13	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
10.14	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.
10.15	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and 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.

S. No	EC Conditions
10.16	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010

### 11. Specific Conditions

S. No	EC Conditions
11.1	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.



A presentation was made by the project proponent along with their M/s EQMS Global Pvt. Ltd to SEAC on 13-03-2026.

**Project Details Informed by the Project Proponent and their Consultant**

The project proponent, through the documents and presentation gave following details about their project –

1. The environmental clearance is sought for Integrated Manufacturing and Logistic Cluster (IMLC) Unnao at Village – Saray Katiyan & Village - Murtazanagar, Tehsil – Sadar, District – Unnao, Uttar Pradesh by Uttar Pradesh Expressways Industrial Development Authority (UPEIDA).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. TO24B3102UP5563614N, dated 19/05/2025.
3. The Public Hearing was organized on 10/09/2025 Final EIA report submitted by the project proponent on 10/12/2025.
4. The project will be spread over an area of 135.264 Ha. Out of the total plot area, approx. 96.57 Ha area is earmarked for industrial plots development.
5. Land use Breakup details:

S. No.	Particular	Total Area in Ha	Total Area %	Green Area Ha	Green Area in %
1	Area Proposed under Industrial Plots	96.57	71.40%	21.728	16.10%
2	Area Proposed for Common Facilities	1.88	1.40%	0.424	0.30%
3	Total Area Proposed for Utility Services	3.21	2.40%	0.722	0.50%
A	Water Works	0.62	-	-	-
B	Fire Station	0.75	-	-	-
C	Electrical Substation	1.84	-	-	-
4	Area Proposed under Roads	9.85	7.30%	-	-
5	Area Under Green Belt & Common Green	23.75	17.60%	23.747	17.60%
	<b>Total</b>	<b>135.264</b>	<b>100.00%</b>	<b>46.621</b>	<b>34.50%</b>

6. Salient features of the project:

S. No.	Particular	Unit	Details
1.	Project Cost	Rs.	421.33 Cr
2.	Total Green Area	Ha.	46.621 ha
<b>AREA DETAILS</b>			
1.	Total Plot Area	Ha.	135.264 ha
2.	Area under Industrial Plots	Ha.	96.57 ha
3.	Common Road Area (to be developed by UPEIDA)	Ha.	9.850 ha
4.	Total Area Proposed for Utility Services	Ha.	3.210
5.	Common Green Area (to be developed by UPEIDA)	Ha.	23.750

6.	Area under Common Facilities	Ha.	1.880
<b>FOR PLOTTED AREA</b>			
1.	Total Industrial Plotted Area	m <sup>2</sup>	965700 m2 (96.57 Ha.)
2.	Ground Coverage (Permissible) (55%)	m <sup>2</sup>	531135 m2
3.	FAR	m <sup>2</sup>	965700m2
4.	Non-FAR Area/ Service Area (Permissible) (15%)	m <sup>2</sup>	144855 m2
5.	Built up area (FAR + Non-FAR)	m <sup>2</sup>	1110555 m2
6.	Open green area inside plots @ 16.9% of industrial plot area, utility and common area	Ha.	22.874 Ha
<b>POPULATION/EMPLOYMENT</b>			
1.	Staff (@20 persons per 1000 m <sup>2</sup> )	Nos.	19314
2.	Visitor (20% additional)	Nos.	3863
3.	Total Population	Nos.	23177
<b>SERVICE DETAILS &amp; ENVIRONMENTAL ASPECTS</b>			
1.	Total Water Requirement	KLD	Total – 4162 Industrial – 2862 Domestic – 927 Landscaping – 373
2.	Fresh Water Requirement	KLD	Total – 2088 Domestic – 514 Industrial – 1574
3.	Domestic Wastewater Generation	KLD	827
4.	Industrial Effluent Generation	KLD	1431
5.	Wastewater Treatment Schemes	KLD	STP – Individual Plot owner shall install its own STP ETP - Individual Plot owner shall install its own ETP as per their industry specific requirement
6.	Treated Water Available Industrial	KLD	1288
7.	Treated water available Domestic	KLD	413
8.	Power Requirement	MW	60

7. Water Requirement details:

**1. During Construction Phase:**

- **Water source:** Domestic purpose will be met through ground water/tanker supply
- Approximately 19 KLD (Domestic- 14 KLD and Construction purpose-5 KLD)

**2. During Operation Phase:**

- **Water Source:** Ground water
- Necessary permissions will be taken from the Ground Water Department, Ministry of Jal Shakti Government of Uttar Pradesh. (Additional water requirements, if any will be arranged by industry owners)
- **Total water requirement:** 4162 KLD (Domestic- 927 KLD + Industrial (including landscaping inside plots & miscellaneous) - 2862 KLD + Common Landscaping – 373 KLD (Additional 373 KLD for common green belt in case treated water is not available).
- **Fresh water requirement:** 2088 KLD (Domestic- 514 KLD + Industrial- 1574 KLD) (Additional 383 KLD water will be required).

8. Water Demand Computation And Wastewater Generation details:

Particulars	Quantity	Factor as per NBC norms	Total Water Requirement (in KLD)	Consumption (in KLD)	Flushing (in KLD)	Wastewater (in KLD)
Staff	19314	45 LPCD	869	483	386	773

Visitors	3863	15 LPCD	58	19	39	54
Industrial Water	238.53 acres	12 KLD/acre	2862	-	-	1431 (Effluent)
Common Greenbelt	248930 Sqm	1.5L/m <sup>2</sup>	373	-	-	0
<b>Total Water</b>			<b>4162</b>	<b>502</b>	<b>425</b>	<b>2258</b>

9. Rain water harvesting details:

S. No.	Catchment	Area (sq m)	Run-off Coefficient	Average Annual Rainfall (m)	Available Annual Run-off (cum)
1	Roof top of building/Plotted area	1110555	0.85	0.837	790104.35
2	Paved area (Road)	98500	0.65	0.837	53588.92
3	Open Land	50940	0.20	0.837	8527.36
4	Green area	466240	0.15	0.837	58536.43
Total Run-off					910757.06

10. Power Requirement details:

**1. Power Requirement During Construction Phase: 300 KVA**

- **Source:** DG set of 2x125 KVA.
- DG sets will be installed as per the CPCB norms. DG sets will be provided with the acoustic enclosures with a 25 dBA insertion loss.

**2. Power Requirement During Operation Phase: 60 MW**

- **Source:** Uttar Pradesh Power Corporation Ltd
- Individual industries will set up their own power back up system as per the need and requirement. DG sets proposed in individual industry shall be acoustic enclosure and provided with adequate height as per CPCB norms.

11. Solid Waste & Hazardous Waste details:

S. No.	Category of Waste	Quantity	Disposal	Management
1	<b>Biodegradable Waste</b>	3819.97 Kg/day	Common OWC	Solid Waste Management Rules, 2016
2	<b>Non-Biodegradable waste (A+B)</b>	2513.46 Kg/day	Given to Approved Recycler as per applicable Rules	Solid Waste Management Rules, 2016
A	<b>Plastic Waste</b>	1259.0 Kg/day		Plastic Waste Management Rules, 2022
B	<b>Other Waste</b>	1254.46 Kg/day		Solid Waste Management Rules, 2016
3	<b>E-Waste</b>	5 Kg/day	Will be done by individual industries	Industries to follow E-Waste (Handling & Management) Rules, 2024
4	<b>Used Oil from DG Sets/Machinery</b>	-	Will be done by individual industries	Industries to follow Hazardous Waste Management Amendment Rules, 2024

12. Action Plan as per Ministry's O.M. dated 30/09/2020:

Sl. No.	CSR Activity	Capital
		Cost

		Rs. (in Lakh)
<b>1.</b>	<b>Health Care &amp; Medical Facilities</b>	
	Distribution of free medicines to poor villagers, infants, children, pregnant women of surrounding 5 villages	20
	Health Awareness program for Pandemic diseases like COVID 19 etc.	5
	<b>Sub-total</b>	<b>25</b>
<b>2.</b>	<b>Educational and Literacy Enhancement</b>	
	Providing Drinking water facility in nearby Govt. schools (5 nos.)	10
	Procurement of sports kits and its distribution to school students (100 nos).	10
	Providing school bags, Tiffin, school dress, shoe, socks, ribbons, text books, study materials, science practical materials, to 200 poor students of surrounding 10 villages.	10
	Construction of Separate Toilets for boys and girls in Govt. schools of surrounding 5 villages	30
	Providing fans, Tables, Chairs and CFL lamps in schools of surrounding 5 nearby villages	10
	<b>Sub-total</b>	<b>70</b>
<b>3.</b>	<b>Drinking Water Supply, community Development and Sanitation</b>	
	Strom Water Drain construction and management in Project Area	80
	Providing handpumps in surrounding villages (10 nos. of handpump)	10
	<b>Sub-total</b>	<b>80</b>
<b>4.</b>	<b>Environmental Protection</b>	
	Roadside Plantation & Sapling Distribution, Participation in social forestry and Pnchayat land	20
	Provide solar street lights in village roads	5
	<b>Sub-total</b>	<b>25</b>
<b>GRAND TOTAL FOR CSR ACTIVITIES</b>		<b>210 Lakh (2.10 Cr.)</b>

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

**Copy, through email, for information and necessary action to –**

1. Principal Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – psforest2015@gmail.com)
2. Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, 3rd Floor, Prithvi-Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 (email – sudheer.ch@gov.in)
3. Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Bhawan, 5th Floor, Sector “H”, Aliganj, Lucknow – 226020 (email – rocz.lko-mef@nic.in)
4. District Magistrate, Unnao.
5. Member Secretary, Uttar Pradesh Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (email – ms@uppcb.in)
6. Copy for Guard File.

(Manish Mittal (IFS))  
Member Secretary, SEIAA