



सत्यमेव जयते

File No: 8782-8511  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), UTTAR PRADESH)

\*\*\*



Date 01/03/2024



To,

Shri Umasankar  
M/s AIRPORTS AUTHORITY OF INDIA  
3rd Floor, Metro Building, Chennai Airport Project, Meenambakkam , CHENGALPATTU, TAMIL  
NADU, 600016  
asankar@aai.aero

**Subject:** Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006, Expansion of "Lal Bahadur Shastri International Airport Varanasi" at Village Babatpur, Pindra Tehsil, Varanasi District, UP, M/s Airports Authority of India -regarding.

**Sir/Madam,**

This is in reference to your application submitted to SEIAA vide proposal number SIA/UP/INFRA2/462856/2024 dated 01/03/2024 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.	EC24B2902UP5770437N
(ii) File No.	8782-8511
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	7(a) Airports
(vii) Name of Project	Development of Lal Bahadur Shastri International Airport Varanasi
(viii) Name of Company/Organization	AIRPORTS AUTHORITY OF INDIA
(ix) Location of Project (District, State)	VARANASI, NA
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the [Expert Appraisal Committee (EAC) / State

Expert Appraisal Committee (SEAC)] under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by [Expert Appraisal Committee (#Sector# -Auto Fetch)/State Level Expert Appraisal Committee] in the meeting held on [#Auto Fetch# Meeting Date from MoM]. 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 or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in orm-1 (Part A, B and C)/ EIA & EMP Reports / presented during [EAC/SEAC] are annexed to this EC as Annexure (2).
6. The [\_EAC/SEAC\_], in its meeting held on [Meeting\_held\_date], 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 compliance of Specific and Standard EC conditions as given in this letter.
7. The SEIAA 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 State Environment Impact Assessment Authority (SEIAA) Appraisal Committee hereby accords Environment Clearance to the instant proposal of M/s. Umasankar A under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)
8. The Ministry 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 Project Proponent is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. Validity of EC is upto [EC\_Validity] to the start of production operations by the project or activity. Validity of EC becomes perpetual subject to the start of production operations by the project or activity on or before the In case the project proponent fails to start the production operations within the EC validity date, application for EC validity extension shall be submitted to the regulatory authority as per the provision contained in the Para 9.0 of EIA notification, 2006 and its amendment.
12. 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 MoEF&CC/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 has to 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 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.
  - (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.

Specific EC Conditions for (Airports)

1. Environmental Attributes

S. No	EC Conditions
1.1	<ol style="list-style-type: none"> <li>1. Certified Compliance Report for existing environmental clearance from IRO, MoEF&amp;CC, Lucknow should be submitted within 03 months.</li> <li>2. Construction site should be adequately barricaded before the construction begins.</li> <li>3. Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.</li> <li>4. Strict air pollution control and mitigation measure during the construction phase must be delineated in the EMP and effectively implemented.</li> <li>5. PP shall explore the use of non-ozone depleting substances in air conditioning systems.</li> <li>6. Rainwater harvesting shall be done from roof top area of terminal building and the harvested rainwater shall be stored to be re-used in the airport as proposed. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.</li> <li>7. A certificate from the competent authority/agency handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling the adequacy to cater to the MSW generated from project.</li> <li>8. Hazardous identification and risk assessment for the project shall be carried out and adequate mitigation measures shall be adopted to ensure that all the safety issues addressed. The documentation shall be reviewed periodically and shall be submitted to the Regional Office along with six-monthly compliance report.</li> <li>9. The project proponent would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.</li> <li>10. Green belt development shall be undertaken along the boundaries, away from the landing funnel as proposed. The landscape planning should include plantation of native species.</li> <li>11. The PP shall also provide electric charging points in the parking areas for e-vehicles as committed.</li> <li>12. PP should explore enhancing energy conservation up to at least 10% through use of solar energy.</li> <li>13. The environmental clearance to the project is primarily under provisions of EIA Notification, 2006. The project proponent is under obligation to obtained approvals/clearances under any other Acts/Regulations or statutes as applicable to the project.</li> <li>14. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.</li> <li>15. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.</li> <li>16. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).</li> </ol>
1.2	<ol style="list-style-type: none"> <li>1- The project proponent will ensure that proper dust control arrangements are made during construction and proper display board is installed at the site to inform the public the steps taken to</li> </ol>

S. No	EC Conditions
	<p>control air pollution as per air act 1981 (as amended) and the Construction and Demolition Waste Management Rules, CAQM guidelines.</p> <p>2- If the proposed project is situated in notified area of ground water extraction, where creation of new wells for ground water extraction is not allowed, requirement of fresh water shall be met from alternate water sources other than ground water or legally valid source and permission from the competent authority shall be obtained to use it.</p> <p>3- <b>Project Proponent shall submit the Six-monthly Compliance on the Environment Clearance condition prescribed in the Prior Environment Clearance letter as per MoEF&amp;CC OM F.no- IAS-22/01/2022-IA-III (E-172624) Dated 14-06-2022.</b></p>

**Standard EC Conditions for (Airports)**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.3	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).
1.4	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.
1.5	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.
1.6	Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.
1.7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
1.8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

**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 airport 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.
2.2	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.
2.3	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
2.4	Soil and other construction materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet
2.5	The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
2.6	Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution.
2.7	The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.

### 3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	Run off from chemicals and other contaminants from aircraft maintenance and other areas within the airport shall be suitably contained and treated before disposal. A spillage and contaminant containment plan shall be drawn up and implemented to the satisfaction of the State Pollution Control Board.
3.2	Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided.
3.3	The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures.

S. No	EC Conditions
3.4	Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area. Domestic and industrial waste water shall not be allowed to be discharged into storm water drains.
3.5	Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
3.6	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.
3.7	Sewage Treatment Plant shall be provided to treat the wastewater generated from airport. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression
3.8	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.
3.9	A detailed drainage plan for rain water shall be drawn up and implemented.

#### 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 equipment's.
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	During airport operation period, noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
4.5	Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.

#### 5. Energy Conservation Measures

S. No	EC Conditions
5.1	Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

#### 6. Waste Management

S. No	EC Conditions
6.1	Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimized. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical).
6.2	The project activity shall conform to the Fly Ash notification issued under the E.P. Act of 1986.
6.3	Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be reused/recycled or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Management Rules, 2016.
6.4	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.
6.5	The project proponents shall implement a management plan duly approved by the State Pollution Control Board and obtain its permissions for the safe handling and disposal of: a. Trash collected in flight and disposed at the airport including segregation, collection and disposed. b. Toilet wastes and sewage collected from aircrafts and disposed at the Airport. c. Wastes arising out of maintenance and workshops d. Wastes arising out of eateries and shops situated inside the airport complex. e. Hazardous and other wastes
6.6	The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016. Recycling of wastes such as paper, glass (produced from terminals and aircraft caterers), metal (at aircraft maintenance site), plastics (from aircrafts, terminals and offices), wood, waste oil and solvents (from maintenance and engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out. Solid wastes shall be disposed in accordance to the Solid Waste Management Rules, 2016 as amended.
6.7	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.
6.8	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	Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the Air Port.

## 8.

S. No	EC Conditions
8.1	Top soil shall be separately stored and used in the development of green belt.

## 9. Public Hearing And Human Health Issues

S. No	EC Conditions
9.1	Construction site should be adequately barricaded before the construction begins.
9.2	Traffic congestion near the entry and exit points from the roads adjoining the airport shall be avoided. Parking should be fully internalized and no public space should be utilized.
9.3	Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/feeding room to be located conveniently near arrival and departure gates.
9.4	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
9.5	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.
9.6	Occupational health surveillance of the workers shall be done on a regular basis.

## 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.
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 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 shareholder's / 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.

S. No	EC Conditions
10.6	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.
10.7	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.
10.8	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
10.9	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.
10.10	The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
10.11	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.
10.12	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
10.13	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.
10.14	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10.15	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.
10.16	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
10.17	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
10.18	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.
10.19	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

S. No	EC Conditions
	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/NGT and any other Court of Law relating to the subject matter.
10.20	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	Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises.

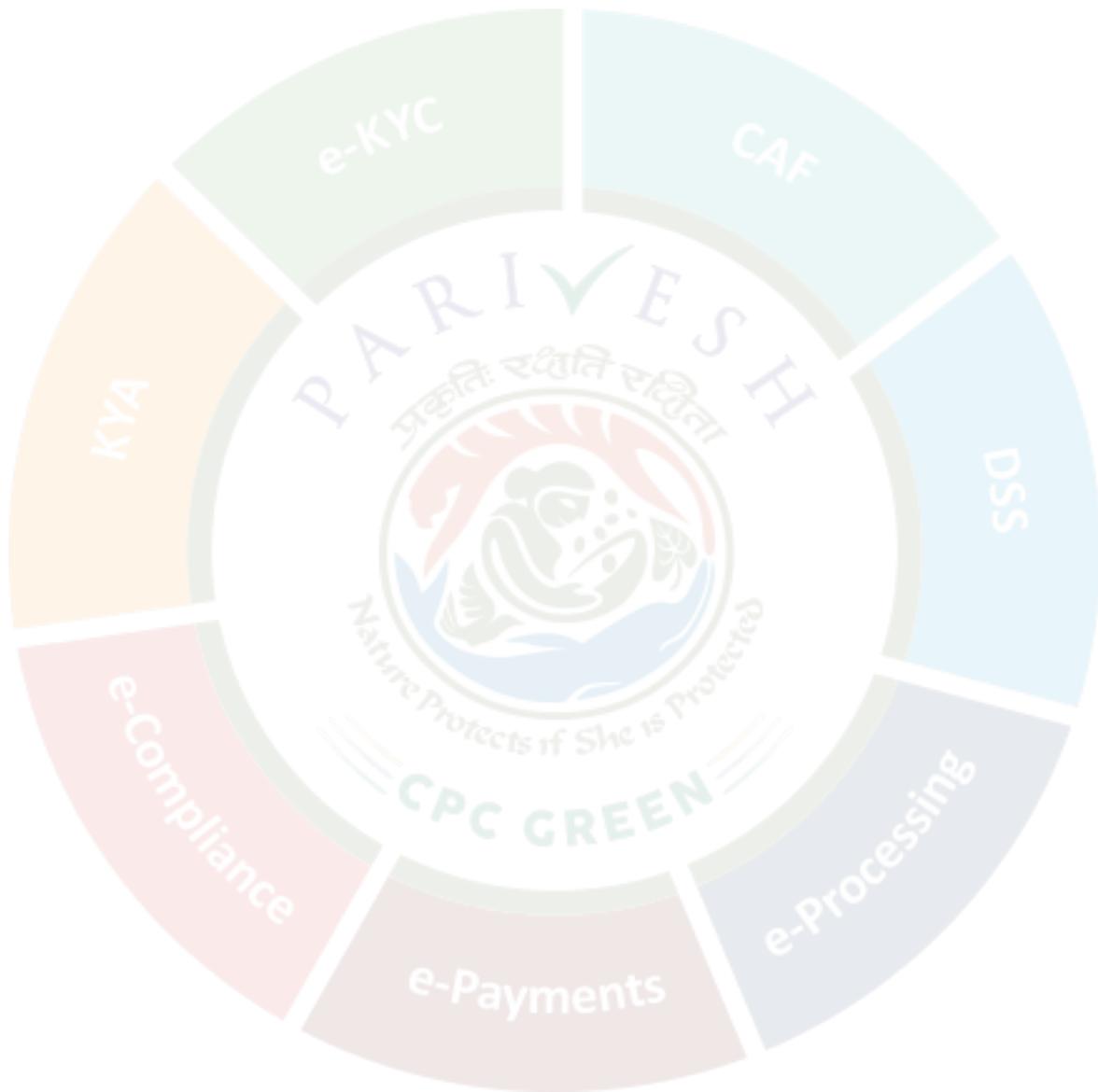
Annexure 2

### Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	Development of Lal Bahadur Shastri International Airport Varanasi	
b.	Latitude and Longitude of the project site	25.44438361111112,82.85724583405828 25.45058971541568,82.8791288888889	
c.	Land Requirement (in Ha) of the project or activity	<b>Nature of Land involved</b>	
		Non-Forest Land (A)	313.23
		Forest Land (B)	0
		Total Land (A+B)	313.23
d.	Date of Public Consultation	Public consultation for the project was held on 2024-02-09	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	313705	
g.	EMP Cost (in lacs)	128.04	
h.	Employment Details		

**Details of Products & By-products**

Name of the product /By-product	Product / By-product	Existing	Proposed	Total	Unit	Mode of Transport / Transmission
Passanger Capacity	By-Product	1050	5000	6050	PHP	Air



## **Annexure (2)**

### **Expansion of “Lal Bahadur Shastri International Airport Varanasi” at Village Babatpur, Pindra Tehsil, Varanasi District, UP, M/s Airports Authority of India.,**

The consultant informed the SEAC in its meeting dated 19-02-2024 that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Greencindia Consulting Pvt. Ltd. The project proponent informed the committee that Varanasi Airport, U.P is an international airport and suitable for operation of B-767 / A-321 type of aircraft and Varanasi Airport has an area of 774 acres. The existing Terminal Building with an area 24,000 sqm (approx.) which is serving 1050 PHP to cater 3.9 MPPA. The Apron has a capacity of 13 bays presently, serving both international and domestic passengers.

The project has proposed New terminal Building having an area of 75,000 sqm (approx.) including the basement, Runway Extension, linked taxiway, parallel taxiway (3400m) and a new Apron to park 20 Nos of A-321 type of Aircraft in power in push back Configuration is planned to serve a total of 5000 PHP to cater 6 MPPA to facilitate passengers' convenience in future growth of Varanasi Airport.

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

1. The environmental clearance is sought for Expansion of “Lal Bahadur Shastri International Airport Varanasi” at Village Babatpur, Pindra Tehsil, Varanasi District, UP, M/s Airports Authority of India.
2. The standard terms of reference in the matter were issued through online Parivesh Portal on 29/11/2023 and public hearing conducted on 09/02/2024. EIA report submitted by the project proponent on 14/02/2024.
3. Comparative details:

Description	Existing	Proposed	
Project Site	Babatpur Village, Pindra Tehsil, District Varanasi, UP		
Latitude & Longitude	Pts.	Latitude	Longitude
	A	25°27'20.707" N	82°49'35.704" E
	B	25°27'15.302" N	82°51'12.661" E
	C	25°27'13.715" N	82°51'57.794" E
	D	25°27'11.497" N	82°52'42.714" E
	E	25°26'56.746" N	82°51'44.864" E
	F	25°26'59.341" N	82°51'52.309" E
	G	25°26'39.781" N	82°51'51.139" E
	H	25°26'41.015" N	82°51'26.122" E
	I	25°27'02.573" N	82°50'46.724" E
	J	25°27'06.105" N	82°49'34.835" E
Area	774 Acre (313.22 Ha.)	350 Acre (141.64 Ha.) Total will be 1124 Acre (454.86 Ha.)	
Project feature	Terminal Building (24,000 sq.m), Apron has	New Terminal Building (75,000 sq.m), Extension of Apron capacity 20 bays,	

	a capacity of 13 bays, Peak hour passenger 1050 to cater 3.9 MPPA	Runway and Parallel Taxiway Track, Peak hour passenger 5000 to cater 6.0 MPPA
Operating aircraft	B-767 / A-321	A-321
Water Requirement	188 KLD of which 116 KLD is Fresh water requirement while 72 KLD is Treated water requirement.	1502 KLD (operation phase) of which 610 KLD is Fresh water requirement while 892 KLD is Treated water requirement.
STP Capacity	150 KLD	900 KLD (Existing + Proposed) MBBR Technology
Power Requirement	2000 kVA 1 x 1500 kVA DG Set	4250 kVA & 3 x 1500 kVA DG Set Source: Purvanchal Vidyut Vitaran Nigam Limited
Solid Waste Generation	Construction phase 2,08,333 TPA & Operational phase 1036.6 TPA	
Proposed Project cost	2869.65 Crore	
Environmental Management Cost	Construction phase: Capital cost 58.79 Lac. Recurring Cost 12.35 lac/annum	
	Operational Phase: Capital cost 69.25 Lac. Recurring Cost 13.2 lac/annum	
Corporate Environmental Responsibility	431 Lac.	
Construction schedule	Approximately 36 months	
UP govt. will provide incumbrance free land to AAI for this expansion.		

4. Proposed plantation:

Year	Plantation on city side & Un-worked Area @2500		Name of species	Places of plantation
	Area (Ha.)	No. of Trees		
Existing Plantation				
2010-23	40.9	102250	-	-
Proposed Plantation				
2023-24	7.8	19500	Native species suggested by forest officer.	Project area, Road side, Unworked area and outside the project side
2024-25	7.0	17500		
2025-26	6.0	15000		
Total	20.0	52000		
Grand Total	60.9	154250	-	-

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

Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.

This Environmental Clearance is subject to ownership of the site by the project

proponents in confirmation with approved Master Plan for **Varanasi**. In case of violation; it would not be effective and would automatically be stand cancelled.

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

Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as Amended).

These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereafter.

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

1. **Additional Chief Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – [psforest2015@gmail.com](mailto: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](mailto:sudheer.ch@gov.in))**
3. **Deputy Director General of Forests (C), Integ rated Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Bhawan, 5th Floor, Sector “H”, Aliganj, Lucknow – 226020 (email – [rocz.lko-mef@nic.in](mailto:rocz.lko-mef@nic.in))**
4. **District Magistrate, Varanasi.**
5. **Member Secretary, Uttar Pradesh Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (email – [ms@uppcb.com](mailto:ms@uppcb.com))**
6. **Copy to Web Master for uploading on PARIVESH Portal.**
7. **Copy for Guard File.**

**(Sanjeev Kumar Singh)**  
**Member Secretary, SEIAA**