

F. No. 10-47/2017-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi – 110003

June 17th, 2021

To,

Mr. Suresh Chandra Hota
Chief Airport Officer
M/s Adani Lucknow International Airport Limited
First Floor Terminal 1,
CCSI Airport, Lucknow-226009, U.P.
Email: info@adani.com

Subject: Expansion of Lucknow Airport in Respect of Construction of New Integrated Terminal Building and Allied Facilities at Lucknow, Uttar Pradesh - Transfer of Environmental Clearance (EC)-reg.

Sir,

This has reference to your online application/proposal No. IA/UP/MIS/209817/2021 through Parivesh Portal regarding transfer of EC to the above mentioned project from M/s Airport Authority of India (AAI) to M/s Adani Lucknow International Airport Limited (ALIAL), Lucknow.

2. The Ministry had earlier issued amendment in EC to the project for Expansion of Lucknow Airport in Respect of Construction of New Integrated Terminal Building and Allied Facilities at Lucknow, Uttar Pradesh.

3. M/s Adani Lucknow International Airport Limited has informed that the concession agreement has signed on 14.02.2020 for Operation, maintenance, management & development of Choudhary Charan Singh International Airport, Lucknow between AAI and M/s Adani Lucknow International Airport Limited. As per the agreement, with effect from the commercial operation i.e. 02.11.2020. ALIAL is responsible to comply to all the applicable conditions, as stipulated under the issued EC for new integrated terminal building and allied facilities issued by the Ministry vide even number dated 26.09.2018.

4. M/s Adani Lucknow International Airport Limited has submitted a copy of undertaking/NOC as signed by the authorized signatory to abide by the terms and conditions stipulated in the EC granted vide letter No. 10-47/2017-IA.III dt 26.09.2018 issued by the Ministry of Environment, Forest and Climate Change to the M/s Airport authority of India (AAI).

5. As per the relevant provisions of the EIA Notification 2006, the EC to the project for Expansion of Lucknow Airport in Respect of Construction of

New Integrated Terminal Building and Allied Facilities at Lucknow, Uttar Pradesh granted by the Ministry of Environment, Forest and Climate Change vide letter No. 10-47/2017-IA.III dt 26.09.2018 is hereby transferred from M/s Airport Authority of India to M/s Adani Lucknow International Airport Limited, on the same terms and conditions.

6. This issues with the approval of the competent authority.



(Dr. Dharmendra Kumar Gupta)
Director (S)

Copy to:

1. The Secretary, department of environment, Government of Uttar Pradesh, Lucknow
2. The Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office (CZ), Kendriya Bhawan, 5th Floor, Sector "H" Aliganj, Lucknow - 226020
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Member Secretary, Uttar Pradesh Pollution Control Board, Building No. TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226 010
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board
7. MoEF&CC website.



(Dr. Dharmendra Kumar Gupta)
Director (S)

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Ministry of Environment, Forest and Climate Change
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Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3

Date: 26th September, 2018

To,

The General Manager

M/s Lucknow Airport

Lucknow Airport, Amausi, Lucknow- 226 001 (Uttar Pradesh)

Email: lucknowairport2017@gmail.com

Subject: Expansion of Lucknow Airport in respect of construction of new integrated terminal building and allied facilities at Guraura, Aurangabad Zagir and Bhaktikhera Villages, District Lucknow, Uttar Pradesh by M/s Lucknow Airport - Environmental Clearance - reg.

Sir,

This has reference to your online proposal No. IA/UP/MIS/65954/2017 dated 23rd May, 2018, submitted to this Ministry for grant of Environmental Clearance (EC) in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986.

2. The proposal for grant of environmental clearance to the project 'Expansion of Lucknow Airport in respect of construction of new integrated terminal building and allied facilities at Guraura, Aurangabad Zagir and Bhaktikhera Villages, District Lucknow, Uttar Pradesh promoted by M/s Lucknow Airport was considered by the Expert Appraisal Committee (Infra-2) in its 31st meeting held on 29-30 May, 2018 and 33rd meeting held on 9-10 August, 2018. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting, are as under:-

- (i) Airport Authority of India (AAI) proposes to construct a new terminal building, T3 for the Lucknow Airport after dismantling Terminal 1 in order to cater the increasing international and domestic passengers as the capacity of the existing terminal buildings is near saturated. The proposed project include construction of Terminal Building T3, Multi-level car parking, Four lane vehicular road from terminal building/car parking, sewage treatment plant of 1950 KLD capacity, AC Plant Room, 33 KV Electrical substation, Static tank and pump room.
- (ii) The existing Lucknow Airport is spread over an area of 1261.18 acres/ 510.38 ha of land which is under possession of AAI. A total of 90 acres/ 36.42 ha of this land will be utilized for the modernization project.
- (iii) The nearest access road, NH-25 is adjacent to project site in Western direction. Nearest railway station is Amausi Railway Station and the nearest airport is Allahabad Airport at a distance of 165 Km in SE direction.
- (iv) Total water requirement for the project has been estimated to be 3005 KLD which will be met from fresh water requirement of 1245 KLD from ground

water and 1760 KLD from treated water. Total wastewater generation during operation phase will be 1953 KLD. The waste water will be treated in a STP of 1950 KLD, based on MBBR technology. Out of the total treated water 925 KLD will be used for flushing, 435 KLD for landscaping and 400 KLD for HVAC. No treated water will be discharged to municipal drain.

- (v) Total electrical load of existing airport is 3.1 MVA which is supplied by Uttar Pradesh Power Corporation Limited (UPPCL) and 5030 kVA DG sets are provided for backup during power failure.
- (vi) The required electrical load for the proposed project is 10 MVA (Including existing load 3.1 MVA). Five DG sets of 750 kVA capacity each, 4 DG sets of 320 kVA capacity each and Two DG set of 200 kVA capacity will ultimately serve as back-up during power failure.
- (vii) 240 kg/day of solid waste will be generated during construction phase and will be collected and disposed as per established laws and procedures. The total solid waste generation during operation phase will be 6747 kg per day. The biodegradable portion of MSW will be treated at site by 3 Organic Waste Converters of 1000 kg per day capacity and manure generated will be used for plantation.
- (viii) A term of Reference (ToR) to the project was granted by MoEF&CC vide F.No. 10-47/2017-IA.III dated 14th September, 2017.
- (ix) Public hearing for the proposed project was conducted by UP Pollution Control Board, on 20th April, 2018 at project site.
- (x) The estimated cost of the project will be approximately Rs. 1383 crores.
- (xi) Employment potential: The facility will generate direct employment opportunities for 400 skilled, semiskilled & unskilled staff after the expansion. Contractual employment for another 1200 (approx.) people is estimated during construction phase.
- (xii) Benefit of the project: There will be increased connectivity to the surrounding areas and will aid the economic development of the region. This will also increase various economical activities including the local industries and businesses, and would provide significant employment opportunities to the surrounding areas. Social and community infrastructure and services will be provided in response to the need of the local communities.

3. The project/activity is covered under category 'A' of item 7 (a) i.e. 'Airports' of the schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level.

4. The Committee noted that Consent to operate (CTO) for existing airport activities under Water (Prevention & Control of Pollution) Act, 1974 and under Air (Prevention & Control of Pollution) Act, 1981 has been issued by UP Pollution Control Board vide Ref. No. 20287/ UPPCB/ Lucknow (UPPCBRO) / CTO/ Water/ Lucknow/ 2018 dated 06.06.2018 and vide Ref. No. 19138 / UPPCB / Lucknow (UPPCBRO) /CTO/Air/Lucknow/2018 dated 06.06.2018 respectively and is valid up to 31.12.2018.

5. The Committee also deliberated upon the issues raised during the Public Hearing/Public Consultation meeting conducted by the Uttar Pradesh Pollution

Control Board on 20.04.2018. The issues were raised regarding proper arrangement of roads and drainage around the Airport. The Committee noted that issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report.

6. The EAC, in its 33rd meeting held on 9-10 August, 2018, after detailed deliberations on the proposal and on being satisfied with the submissions of the project proponent, has recommended for grant of Environmental Clearance to the project. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project 'Expansion of Lucknow Airport in respect of construction of new integrated terminal building and allied facilities at Guraura, Aurangabad Zagir and Bhaktikhera Villages, District Lucknow, Uttar Pradesh promoted by M/s Lucknow Airport for grant of environmental clearance and stipulated the following specific conditions along with other environmental conditions while considering for accord of environmental clearance:-

PART A – SPECIFIC CONDITIONS:

- (i) As proposed, Environmental Clearance is for Expansion of Lucknow Airport in respect of construction of new integrated terminal building and allied facilities at Guraura, Aurangabad Zagir and Bhaktikhera Villages, Lucknow District, Lucknow (U.P.) by M/s Lucknow Airport.
- (ii) Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.
- (iii) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (iv) Construction site should be adequately barricaded before the construction begins.
- (v) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities shall be complied with.
- (vi) No diversion of natural drainage shall be done without prior permission from irrigation department.
- (vii) 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.
- (viii) 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.
- (ix) The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
- (x) 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). Top soil shall be separately

stored and used in the development of green belt.

- (xi) A detailed drainage plan for rain water shall be drawn up and implemented.
- (xii) A drainage plan shall be drawn up and implemented to avoid flooding in low lying areas within the boundaries of the airport. The development of a water body within the premises or draining rain water to existing ponds outside the premises shall be examined to the satisfaction of the Central Ground Water Authority.
- (xiii) Natural drains within the project boundaries shall not be diverted or blocked or altered in any way. Wherever storm water drains are proposed to be connected to natural drains the same shall be only undertaken after permission from the irrigation department.
- (xiv) Ground water abstraction and rain water recharge shall be as may be prescribed by the CGWA. A clearance of the CGWA shall be obtained in this regards.
- (xv) Noise from vehicles and 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.
- (xvi) Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.
- (xvii) Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be recycled/reused or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Management Rules, 2016.
- (xviii) Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase 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.
- (xix) Aircraft maintenance, sensitivity of the location where activities are undertaken, and control of runoff of potential contaminants, chemicals etc shall be properly implemented and reported.
- (xx) Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc shall be provided.
- (xxi) 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.
- (xxii) Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area during monsoon season / cloud bursts.
- (xxiii) Rain water harvesting for roof run-off and surface run-off, as plan submitted

should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.

- (xxiv) Total water requirement from ground water shall not exceed 1245 KLD. Groundwater shall only be extracted with prior permission from CGWA.
- (xxv) Sewage Treatment Plant of 1950 KLD capacity based on MBBR Technology shall be provided to treat the wastewater generated from airport. Treated water will be reused for flushing, landscaping and HVAC cooling. As proposed the Airport will operate on zero liquid discharge principle.
- (xxvi) 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.
- (xxvii) Continuous online air monitoring system shall be in place for expansion project.
- (xxviii) 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.
- (xxix) 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. A monitoring station for ambient air and noise levels shall be provided in the village nearest to the airport.
- (xxx) An automatic ambient air quality monitoring station shall be provided, within the premises, to the satisfaction of the State Pollution Control Board and the data transferred to the Board.
- (xxxi) It shall be ensured that no part of the project causes any infringement on the rights of people dwelling in the surrounding areas.
- (xxxii) 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. The number of vehicles allowed in the area shall in no case exceed the parking facilities provided. The number of vehicles on roads within the premises shall not in any case exceed the numbers prescribed for class 'A' level of service by the Ministry of Road Transport.
- (xxxiii) Traffic Management Study and Mitigation measures as given in the EIA Report shall be implemented in letter and spirit. Apart, the project proponents will examine the current augmentation of road infrastructure and prepare and implement a traffic management plan to the satisfaction of the competent authority for decongesting the approach to the Airport.
- (xxxiv) 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. 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.

- (xxxv) An onsite disaster management plan shall be drawn up to account for risks and accidents. This onsite plan shall be dovetailed with the onsite management plan for the district.
- (xxxvi) As proposed, no tree shall be felled/transplant. The landscape planning should include plantation of native species. The plantation species should be carefully chosen to avoid bird nesting and to improve pollution control and noise control measures. Water intensive and/or invasive species should not be used for landscaping. As proposed, 23.42ha area shall be provided for landscaping and green belt development.
- (xxxvii) It shall be ensured that all open spaces in the project boundary are totally greened/ or tiled by perforated tiles to bind soil and ensure that dust emissions are minimized. This should, apart from other measures, form an integral part of the plan which you will draw up and implement for control of particulate dust pollution.
- (xxxviii) A water security plan to the satisfaction of the CGWA shall be drawn up to include augmenting water supply and sanitation facilities and recharge of ground water in at least two villages and schools, as part of the C.S.R. activities.
- (xxxix) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.
- (xi) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, an amount of Rs. 3.46 Crores (@0.25% of project Cost) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as infrastructure creation for drinking water supply, sanitation, health, education, electrification including solar power, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community land. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

PART B - GENERAL CONDITIONS

- (i) A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
- (ii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.
- (iii) Officials from the Regional Office of MoEF&CC, Lucknow who would be monitoring the implementation of environmental safeguards should be given

full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Lucknow.

- (iv) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (v) The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (vi) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
- (vii) These stipulations would be enforced among others under the provisions of the 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 the EIA Notification, 2006.
- (viii) The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Lucknow.
- (ix) Any appeal against this clearance 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.
- (x) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
- (xi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xii) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the

concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

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


(Kushal Vashist)
Director

Copy to:

- 1) The Secretary, Department of Environment, Government of Uttar Pradesh, Lucknow.
- 2) The Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forests and Climate Change, Kendriya Bhavan, 5th Floor, Sector-H, Aliganj, Lucknow-226024.
- 3) The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
- 4) The Member Secretary, Uttar Pradesh Pollution Control Board, Building. No. TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226 010.
- 5) Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
- 6) Guard File/ Record File/ Notice Board.
- 7) MoEF&CC website.


(Kushal Vashist)
Director