



No. SEIAA/GUJ/EC/8(a)/ 63 /2015

Date: 23 FEB 2015
Time Limit

Sub: Environment Clearance for the Residential Building Construction Project – "Takshashila Air" at S. No. 560/1, F.P.No.560/P, T.P.S.No.3, Vill: Chhadawad, Ahmedabad proposed by M/s Miraj Impex Pvt. Ltd. Construction project in Category 8 (a) of Schedule annexed with EIA Notification dated 14/9/2006.

Dear Sir,

This has reference to your application along with Form-I, Form-I A dated 16/05/2013, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006 and additional information / documents vide letters dated 22/07/2014 & 01/11/2014 Submitted to the SEAC.

The proposal is for Environmental Clearance for the residential building construction Project – "Takshashila Air" at S. No. 560/1, F.P.No.560/P, T.P.S.No.3, Vill: Chhadawad, Ahmedabad proposed by M/s Miraj Impex Pvt. Ltd. This is a new building construction project having plot area of 4862.27 sq.m. and the proposed built up area will be 41,235.66 sq.m. As the built up area is >20,000 m² and <1,50,000 m², the project falls in the project activity 8(a) as per the schedule of the EIA Notification 2006.

The project will comprising 2 nos. of high rise residential building blocks housing 191 nos. of 3 & 4 BHK flats and 2 club houses. Scope of one of the two proposed building blocks in the project will be 2 level basement + Hollow Plinth + 23 floors and scope of another building block will be 2 level basement + hollow plinth + 25 floors.

The project activity is covered in 8(a) and falls in Category B. Since the proposed project is in item no.8 of the EIA notification, 2006, it does not need Public Consultation as per Para 7(i) (ii) Stage (3) (d) – Public Consultation of EIA Notification, 2006.

The SEAC, Gujarat had recommended to the SEIAA, Gujarat to grant the Environment Clearance for the above mentioned Construction project. The proposal was considered by SEIAA, Gujarat in its meeting held on 23.01.2015 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

A. CONDITIONS:

A.1 CONSTRUCTION PHASE:

A.1.1 WATER:

1. Fresh water requirement during the construction phase shall be 30.0 KL/day and it shall be met through water supply system of Ahmedabad Municipal Corporation. No ground water shall be tapped during the construction phase.
2. Sewage generated during the construction phase shall be disposed off through the septic tank + soak pit.
3. Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.

A.1.2 AIR:

4. Perimeter barricading shall be done to prevent dust emission spreading outside the project premises.
5. Water sprinkling shall be done in vulnerable areas for controlling fugitive emission.
6. Material shall be covered during transportation to avoid the fugitive emission.
7. The roads inside the project area and roads connected to the main road shall be paved or shall be water sprinkled to avoid the fugitive emissions during construction.

8. The ambient air quality shall be monitored in and around the project area during construction phase.
9. The construction materials and debris shall be properly stored and handled to avoid negative impacts such as air pollution and public nuisances by blocking the roads and public passages.

A.1.3 SAFETY:

10. Structural design of the project shall strictly adhere to the seismic zone norms for earthquake resistant structures.
11. During construction Personal Protective Equipment shall be provided to the construction workers and its usage shall be ensured and supervised.
12. First Aid Box shall be made readily available in adequate quantity at all the times.
13. Training shall be given to all workers on construction safety aspects.
14. The project proponent shall strictly comply with the Gujarat Building and other Construction Workers Act & Rules.

A.1.4 NOISE:

15. The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures vibration dampers etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act and Rules.
16. The noise generating equipments, machinery and vehicles shall not be operated during the night hours and shall be maintained properly to avoid generation of high noise due to lack of wear and tear.
17. Use of diesel generator sets during construction phase shall be strictly with acoustic enclosure and shall conform to EPA Rules for air and noise emission standards.

A.2. OTHER CONDITIONS:

18. The safe disposal of wastewater and solid wastes generated during the construction phase shall be ensured.
19. The NBC norms shall be strictly adhered to.
20. Barricade of adequate height shall be provided on the periphery of the construction site with adequate signages.
21. All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.
22. The debris generated during the construction work shall be re-used in filling and resurfacing of the area and recyclable scrap shall be sold to vendors.
23. Vehicles hired for bringing construction material at site shall be in good conditions and conform to applicable air and noise emission standards and shall be operated only during day time and non-peak hours.
24. Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paving blocks and Ready mix concrete (RMC) in the project.
25. Necessary sanitary, hygiene and first aid measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
26. Adequate accommodation, drinking water, sanitary facilities, first aid center, utensils and cooking fuel shall be provided for construction workers at the site.
27. Adequate care shall be taken to see that the surrounding landscape at the project site is not environmentally degraded.
28. Fly ash shall be used in the construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986.
29. Used cement bags, waste paper and cardboard packing material shall be sold off to recyclers. Residual steel scrap shall be collected at site and sold to recyclers.
30. Only lead free paints shall be used in the project.

A.3 OPERATION PHASE:

A.3.1 WATER:

31. Water requirement during the operation phase shall be 133.0 KL/day and it shall be met through water supply system of Ahmedabad Municipal Corporation. No ground water shall be tapped during the operation phase. Metering of the water shall be done and its records shall be maintained.
32. No bore well shall be constructed and existing bore wells, if any, shall be either sealed or converted into the recharge well.
33. Low water consuming devices shall be provided. Fixtures for showers, toilet, flushing and drinking shall be of low flow either by use of aerators/ diffusers or pressure reducing devices etc.
34. Sewage generation during the operational phase shall be 118.0 KL/day and it shall be discharged through the drainage system of Ahmedabad Municipal Corporation.

35. Rain water harvesting from rooftop and paved areas and ground water recharge through 2 nos. of percolation wells shall be carried out as per the details submitted. Before recharging the run off, pre-treatment must be done to remove suspended matter.

A.3.2 AIR:

36. A D. G. Set (275 KVA) proposed as back up power shall be of enclosed type and conform to prescriptive standards under EPA rules. Necessary acoustic enclosures shall be provided at diesel generator set to mitigate the impact of noise.
37. The exhaust of the D. G. Set shall be at least 3 m above roof top.
38. The gaseous emissions from the D. G. Sets shall conform to the standards prescribed by GPCB. At no time, the emission levels shall go beyond the stipulated standards.

A.3.3 SOLID WASTE:

39. The solid waste generated shall be properly collected and segregated at source. The recyclable material shall be sold to vendors whereas other garbage shall be disposed off properly as per the provisions made by the AMC.
40. Used oil shall be sold only to the registered recycler.
41. The project must strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary) Rules 2008. Authorization from the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.

A.3.4 SAFETY:

42. All the requirements for high rise buildings in terms of fire and life safety shall be fulfilled in accordance to the Part-4 'Fire and Life Safety' of NBC - 2005.
43. The planning, design and construction of all buildings shall be such as to ensure safety from fire.
44. Compulsory Training to the staff for the first aid and fire fighting along with regular mock drill shall be made as an integral part of the emergency management plan of the project.
45. Underground fire water storage tanks and terrace water storage tanks of adequate capacity shall be provided as proposed. Adequate provision shall be made to ensure that water from the Fire Water Tank shall not be used for any other purpose.
46. Dedicated power back up system shall be provided in the case of power failure & emergency of fire water pumps.
47. First Aid Boxes shall be made readily available in adequate quantity at all the times.
48. Main entry and exit shall be separate and clearly marked in the facility.
49. Necessary emergency lighting system along with emergency power back up system shall be provided. Further, necessary auto glow signage at all appropriate places shall be provided to guide the people towards exits and assembly points during emergency.
50. Requisite fire fighting facilities shall be provided as per the requirements of the NBC and local by-laws, whichever is stringent.
51. All the staircases and lifts shall open out at ground level from the highest point of building (with access from each floor) for emergency evacuation. Two staircases shall be provided in each building having floor area more than 500 m² on each floor.
52. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender / emergency vehicle around the premises.
53. In basement at least two separate ramps of adequate width and slope shall be provided, located preferably at opposite ends.
54. Provision for adequate air changes per hour in the basement shall be made so as to avoid build up of CO in the area.
55. Car park exhaust system equipped with CO (Carbon Monoxide) sensor shall be provided to ensure operation of exhaust fans as CO concentration levels.

A.3.5 NOISE:

56. The acoustic enclosures shall be installed at all noise generating equipments such as GG set etc to mitigate the impact of noise.
57. The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures vibration dampers etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act and Rules.

A3.6 PARKING / TRAFFIC CONGESTION:

58. Parking space of 7,085.73 sq.m. [390.08 sq.m. in hollow plinth + 2,977.41 sq.m. in basement I + 3,118.24 sq.m. in basement II] shall be provided as proposed.
59. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
60. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided.
61. No public space including the serving road shall be used or blocked for the parking.

A 3.7 ENERGY CONSERVATION:

62. Energy conservation measures viz. maximum use of natural light through architectural design, use of energy efficient motor and pumps, maximum use of aerated blocks, use of CFL & low voltage lighting, solar lighting in open and landscape areas, rooftop thermal insulation etc. shall be implemented as proposed.
63. The project proponent shall install energy efficient devices, appliances, motors and pumps conforming to the Bureau of Energy Efficiency norms.
64. The transformers and motors shall have minimum efficiency of 85 %.
65. Only variable frequency motor drives shall be used in the project.
66. Solar lights shall be provided in the open sunlit areas.
67. Use of glass shall be minimal to reduce the heat island effect as well as to reduce the electricity consumption.

A 3.8 GREEN BELT :

68. Green belt area comprising of 71 numbers of trees shall be developed as proposed. The other open spaces inside the plot shall be suitably landscaped and covered with vegetation of indigenous tree species.
69. The area earmarked as green area shall be used only for greencelt and shall not be altered for any other purpose.
70. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the lawns and other green area including tree plantation.

B. OTHER CONDITIONS :

71. All the statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Airports Authority of India etc., if applicable, shall be obtained by the project proponent from the competent authorities.
72. The project proponent shall strictly comply with the Gujarat Building and other Construction Workers Act & Rules as well as Gujarat Lifts & Escalators Rules.
73. The project proponent shall ensure maximum employment to the local people.
74. The project management shall also comply with all the environment protection measures, risk mitigation measures and safeguards proposed by them.
75. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.
76. No further expansion or modifications in the project likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
77. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
78. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
79. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated pre- environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
80. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
81. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
82. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.

83. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and Hazardous Wastes (Management Handling and Transboundary) Rules, 2008 along with their amendments and rules.
84. This environmental clearance is valid for five years from the date of issue.
85. Any appeal against this environmental 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.

With regards,

Yours sincerely,

N.K. Patel

(N.K.PATEL)

Member Secretary

Issued to:

Mr. Chimney Nareshbhai Shah, Director
Miraj Impex Pvt. Ltd.
1st floor, Udhog Bhavan,
Nr. Medical Association Hall,
Nr. Old Nataraj Cinema, Ashram road,
Ahmedabad - 380006.

Copy to -

1. The Secretary, SEAC, C/O G.P.C.B. Gandhinagar - 382010
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD - cum - Office Complex, East Arjun Nagar, New Delhi-110032
3. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462015, MP
4. Monitoring Cell, Ministry of Environment and Forests, Parivesh Bhavan - GGO Complex, New Delhi-110003
5. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10-A, Gandhinagar 382010
6. Select File

N.K. Patel

(N.K.PATEL)

Member Secretary



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

दुर्गाभाई भवन
दिनांक: 29.06.2012

संदर्भ संख्या: एएआई/एचएच/एटीसीओ-61/

प्रति,

श्री नटवरलाल बालदेवदास, प्रमुख, श्री दीलीपभाई बाबुभाई, रायिन, सीनर अर्क मेम्बर एसोसिएशन,
मारफत होल्दीया डिजाईन (श्री जगदीश भीखाभाई पटेल),
श्री-17, दूसरी मंजिल, नंदमावली फ्लैट, नारणनगर बस स्टॉप के पास,
मुकेश भाजीपाठ के उपर, एट-नरोडा,
त.बुल्ल, सोटी एवं जिला-अहमदाबाद-382330

विषय: अनापत्ति प्रमाणपत्र जारी करने हेतु (केस नं. AH 55/2012)।

Issue of NOC for Case No. AH 55/2012, AHME/WEST/B/052112/003

- Please refer to your letter no. nil dated 26.05.2012 and revised application dated 29.06.2012 on the subject mentioned above.
- This office has no objection to the construction of the proposed residential & commercial building by Shri Natvarlal Baldevdas, President, Shri Dilipbhai Babubhai, secretary, Silver Arc members Asso. here in after referred to as the applicant(s) at T.P.S No 3/5, Ellisbridge, F.P No. 560, Al-Chhadawad, Taluka, City & District-Ahmedabad. described by the following coordinates

Point	Latitude	Longitude	Reduced level (in metres)
A	N23°01'22.31445"	E72°34'09.35208"	50.010
B	N23°01'23.67383"	E72°34'09.92298"	50.601
C	N23°01'20.93776"	E72°34'10.47722"	49.913
D	N23°01'20.88697"	E72°34'08.85552"	49.846
E	N23°01'23.64645"	E72°34'08.41640"	50.908

to height of 95.614 meters (NINE FIVE DECIMAL SIX ONE FOUR METERS) ABOVE GROUND LEVEL, so that the top of the proposed structure when erected shall not exceed 50.908 meters (Site Elevation) + 95.614 meters (Height of the structure) i.e. 146.522Meters ABOVE MEAN SEA LEVEL.

- This no objection certificate is being issued on the express understanding that the site-elevation, reduced level (height above mean sea level) viz 50.908M, relative location of the proposed Bldg./Structure & its distances and Bearings from the ARP / Runway ends as tendered by the applicant(s) are correct. If, However, at any stage it is established that the said data as tendered by the said applicant is actually different from the one tendered & which could adversely affect aircraft operations, the structure or part(s) thereof in respect of which this 'NOC' is being issued will have to be demolished at his own cost as may be directed by the Airports Authority of India.
The applicant(s) is/are therefore advised in their own interest to verify the elevation and other data furnished for the site, before embarking on the proposed construction.

(पृष्ठ 2 का 1)

4. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and those of any notifications issued thereunder from time to time and under which the applicant may be called upon by the Airports Authority of India to demolish in whole or in part the structure now being authorized vide this 'NOC'.
5. No radio/TV antenna, lighting arresters, staircase, muntop, overhead water tank and attachments of fixtures of any kind shall project above the height indicated in para 2.
6. The use of oil fired or electric fired furnace is obligatory, within 8 kms of the Aerodrome.
7. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.
8. The certificate is valid for a period of **FIVE years** from the date of its issue. If the building / structure / Chimney is not constituted & completed within the above mentioned period of **FIVE years** he will be required to obtain a fresh 'No Objection Certificate' from the Chairman, Airports Authority of India and / or the **AIRPORT DIRECTOR, AAI, AHMEDABAD**. The date of completion of Building / Structure / Chimney should be intimated to the AAI and/or **AIRPORT DIRECTOR, AAI, AHMEDABAD**. No light or a combination of lights which by reason of its intensity, configuration of colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time during or after the construction of the building.

Day & Night markings with secondary power supply may be provided as per ICAO standards.

"NOC FOR HEIGHT CLEARANCE ONLY"

This certificate is issued with the approval of Competent Authority

मन्वीर
29.06.11
(नाम नायक)

एवमेव (वा) या निःशून्यानि प्रमाणवत्।

१२ सदस्य सचिव (एन.ओ.सी.)

कुले विमानप्रदान निदेशक

परिलिपि:

1. कार्यपालक निदेशक (वा.या.नि), भारतीय विमानपत्तन प्राधिकरण, राजीव गांधी भवन, सन्तरजंग हवाई अड्डा, नई दिल्ली - 110033.
2. क्षेत्रीय कार्यपालक निदेशक (प.के), भारतीय विमानपत्तन प्राधिकरण, नई एयरपोर्ट जंक्शन, पोर्टी केबिन, हनुमान रोड के सामने, पश्चिमी एक्सप्रेस हाईवे के पास, विन् पार्क (प.), मुंबई-89.
3. महाप्रबंधक (विमानसेवा), प.के, मुख्यालय, भारतीय विमानपत्तन प्राधिकरण, नया इटीएस टर्मिनल, सुतार प्रान्ती रोड, सहार कार्गो कॉम्प्लेक्स के नजदीक, सहार, मुंबई-89.
4. शहरी विकास अधिकारी (TDR), अहमदाबाद महानगरपालिका, उत्तरी क्षेत्र, राजीव गांधी भवन, मेमको, नरोडा रोड, अहमदाबाद ।
5. गार्ड फाईल
6. विमानपत्तन निदेशक के निजी सचिव ।

29.06.12
[पुनः नायकः]

प्रवृत्तः। त्रि. या. नि. अन्वयः। प्रवृत्तः।

एवं सदस्य सचिव । एन.ओ.सी.।

कौटिल्यदिमान्यपत्तन विद्वेषः