

**Proceedings of the public hearing conducted on 28.11.2018 in connection with the application filed by M/s Airports Authority of India, Adampur, Jalandhar for obtaining Environmental Clearance as required under the EIA notification dated 14.9.2006 for development of Civil Enclave at Adampur Airforce Base, Jalandhar.**

The following were present to supervise the proceedings:

1. Sh. Jasbir Singh, PCS,  
Addl. District Commissioner (G),  
Jalandhar
2. Er. Arun Kakkar,  
Environmental Engineer,  
Punjab Pollution Control Board,  
Regional Office, Jalandhar
2. Er. Parveen Saluja,  
Environmental Engineer (Mega),  
Punjab Pollution Control Board,  
Head Office, Patiala.

Environmental Engineer (Mega), Punjab Pollution Control Board, Head Office, Patiala welcomed the officers supervising and presiding over the hearing and people from adjoining towns/villages, who came to attend the public hearing of the project in connection with the application filed by M/s Airports Authority of India, in the office of the MoEF&CC, New Delhi for getting Environmental Clearance under EIA notification no. 1533 (E) dated 14.9.2006 for development of Civil Enclave at Adampur Airforce Base, Jalandhar. He apprised the public present there about the requirement of conducting the public hearing before deciding on the application filed by the Authority for getting the said clearance for the proposed project. He also brought into the notice of public that the Authority has submitted copies of draft EIA report alongwith the executive summary of the same and a copy of each such document was placed in the office of Deputy Commissioner, Jalandhar; Zila Parishad, Jalandhar; Commissioner, M.C., Jalandhar; General Manager, District Industrial Centre, Jalandhar; Regional Office of MoEF at Chandigarh and Environment Engineer, Punjab Pollution Control Board, Regional Office, Jalandhar for access to the public and other stakeholders. He further brought out that a notice of public hearing was published in two prominent newspapers namely, 'Hindustan Times' (English Daily) and 'Jagbani' (Punjabi Daily) on 27.10.2018 to make the public aware of the date, time & venue of the public hearing and about the places/offices

where the public could access the draft EIA report and its executive summary report before the said hearing. Thereafter, he requested the representative / Environmental Consultant of the industry to elaborate about the main features of the project and the draft EIA study report.

Sh. Mohit Kumar Sharma on behalf of Airports Authority brought out the details of the proposed plan of the project before the public as under: -

### **1) Importance of the Proposed Civil Enclave at Adampur**

Doaba Jalandhar Region covers major cities of Punjab like Jalandhar, Hoshiarpur, Kapurthala, Nawashahar, Sultanpur Lodi, Dasua, Phagwara, Banga and Nakodar. Its population is well over 40 Lakhs. Doaba region is the richest and biggest contributor to the manufacturing hub of sports goods, hand tools, valves, casting and has lately transformed into educational & medical hub generating medical tourism. Doaba Jalandhar Region is most NRI concentrated region with maximum number of its people settled abroad and needs improved air connectivity.

### **2) Scope of Proposed Development**

The scope of work for proposed Civil Enclave at Adampur is given below:

- (i) Construction of linked taxi track dimension of 115 m x 18 m with 3.5 m shoulders on either side of the taxi track.
- (ii) Terminal Building covering 5000 sqm area will be constructed through pre-engineered/pre-fabricated structure for 300 peak Hour Passengers (150 Arrival + 150 Departure)
- (iii) Car parking for 300 cars will be located on 11000 sqm area.
- (iv) Construction of perimeter road of 3.5 m width all along the boundary wall inside operation area.
- (v) Provision of water storage and water supply scheme and rain water harvesting system
- (vi) Storm water drains will be provided to operational/non-operational areas.
- (vii) Sewage disposal system and garbage disposal system will be provided.
- (viii) The proposed terminal building will necessarily achieve 4 stars GRIHA Rating.

### **3) Land for proposed Civil Enclave**

- (i) For proposed civil enclave, total 40 Acres land has been transferred by Government of Punjab. The current land use of Civil Enclave is agriculture and fellow and same will be permanently changed for development of civil enclave. The land for proposed Civil Enclave is free from all encumbrances.
- (ii) Total power requirement is estimated as 175 kW for the proposed terminal building and other facilities at the proposed civil enclave at Adampur. During operation phase, one DG set of 150 kVA capacity and one standby fitted with acoustic enclosure will be installed for emergency power generation during grid power failure.
- (iii) HVAC System requirement at the proposed terminal building at the proposed civil enclave is estimated as 125 TR. To meet the air conditioning requirement, two screw chilling tower unit of 125 TR will be installed.
- (iv) Total water requirement is estimated as 80 KL per day. Water requirement will be met through tubewell which will be drilled at the site after obtaining necessary permission from Competent Authority. The water requirement for landscaping will be met through reuse of treated waste water from STP. There will be zero discharge of treated waste water outside the proposed civil enclave.
- (v) Approx. 130 kg per day solid wastes comprising paper, plastic, etc. will be generated from the proposed Civil Enclave, which will be disposed as per Solid Waste Management Rule 2016.
- (vi) Project Cost will be Rs. 105 Crores.

### **4) Benefits of Project**

The direct and indirect benefits of the proposed Civil Enclave at Adampur are as follows:-

- (ii) Better infrastructure facilities for passenger,
- (iii) Increase in regional economy as it will boost trade and commercial activities in the region.
- (iv) Boost in religious tourism and more people to travel in the State
- (v) Employment opportunity to people.
- (vi) More business and industrial opportunities.

## **5) Anticipated Environmental Impacts & Mitigation Measures**

### **(a) Water Resources and Water Quality**

- (i) Total estimated wastewater generation during the operation phase is 32kld, which will be treated in 50 kld capacity Sewage Treatment Plant (STP).
- (ii) After treatment, treated wastewater will be reused for horticulture purposes. No wastewater will be discharged outside the civil enclave premises.

### **(b) Solid waste management**

Approx. 130 kg per day solid waste will be generated during operation of proposed Civil Enclave, which will be collected, segregated and managed by external agency for disposal as per Solid Waste Management Rules, 2016.

- (i) Municipal solid waste collection bins will be placed at strategic location in the civil enclave.
- (ii) Agency will be hired for disposal of solid waste as per the provisions of solid waste management rules 2016.
- (iii) Solid waste generated from the civil enclave will be transported in closed containers.
- (iv) Used lubricating waste oil and oil contaminated clothes etc will be collected separately in containers and is sold to authorized recyclers as per CPCB/ Punjab Pollution Control Board7 guidelines.

### **(c) Ambient Air Quality:**

During the operational phase of the proposed civil enclave, sources of emissions will be from Aircraft during taxing and at apron, vehicular emissions from vehicles engaged in ground operations, vehicular emissions from vehicles coming for drop and pick up of passengers and stack emission from DG sets operations during grid power failure.

### **Mitigation measures**

- (i) Compliance of all standards prescribed by the ICAO during operation of air aircrafts by preventive maintenance and monitoring.
- (ii) Stack for DG sets will be provided as per the CPCB guidelines;
- (iii) Proper traffic management plan will be prepared to ensue that there is no traffic congestion at in proposed Civil Enclave.
- (iv) Ground vehicles at the airport will be maintained and will have a "Pollution

Under Control" certificate;

- (v) Development of greenery and landscaping at the civil enclave for improving ambient air quality.
- (vi) Monitoring of ambient air quality/ source emissions will be carried out as per monitoring plan.

**(d) Ambient Noise Levels:**

During operation phase of the proposed civil enclave, landing, take-off and taxiing of various types of aircrafts are major sources of noise pollution in the air. Aircraft noise modelling has been carried out using integrated noise model for the proposed civil enclave.

**Mitigation measures**

- (i) The compliance of all standards prescribed by the ICAO during operation of aircrafts by preventive maintenance and monitoring,
- (ii) DG sets will be provided with acoustic enclosure as per CPCB guidelines.
- (iii) Ground staff will wear earplug while attending the aircraft.
- (iv) Green belt, landscaping and boundary at the proposed civil enclave will act as barrier for noise.
- (v) Green belt/plantation will make environment better for the nearby settlements.

**(e) Socio-Economic Environment:**

The proposed civil enclave will open direct and indirect job opportunities in the area and region by which commercial activities will be increased and socio-economic environment will be improved.

**6) Environmental Management Plan**

- (i) The Airports Authority of India will be responsible for the implementation of mitigation measures identified in Environmental Management Plan (EMP) for construction and operation phases of the Proposed Civil Enclave at Adampur. There will be Environmental Management Cell (EMC) at the proposed civil enclave to look after day to day basis implementation of mitigation measures for construction and operation phases.
- (ii) Any aspect of the environmental and social impacts during construction and operation phases of the proposed civil enclave will be addressed in a timely

and satisfactory manner. Environmental Management Cell will also work as Grievances Redressal Cell (GRC).

- (iii) Total budget of Rs. 1.35 Crores has been kept for implementation of environmental management plan during construction and operation phases of proposed civil enclave.

Thereafter, Environmental Engineer (Mega) brought into the notice of public present at the venue of hearing that as per the provisions of EIA notification dated 14.9.2006, as amended from time to time, the persons present at the venue may seek any information or clarifications on the project from the project promoter. It was also brought into the notice of the persons present there that the information or clarifications sought by them and reply given by the project proponent will be recorded in the proceedings of the hearing, which will be sent to MoEF&CC, New Delhi for further consideration. Accordingly, he requested the persons present in the hearing to seek information or clarifications on the project one by one.

Thereupon, the detail of the information/ clarifications sought by the persons present at the venue of hearing and the reply given by the project proponent is as under:

<b>Sr. No</b>	<b>Name of the person</b>	<b>Detail of query / statement / information / clarification sought by the person present at the venue of hearing.</b>	<b>Reply of the query / statement / information / clarification given by the project proponent</b>
1.	Sh. Surinder Kumar, r/o Village Kandola, District Jalandhar	1. He said that the Airport has been established, but the position of the roads is bad. He further stated that they had given application in this regard to the Addl. Deputy Commissioner, Jalandhar. There is no sewerage system in the village. He demanded that the roads be widened and sewerage system in	The representative of the Airports Authority informed that no construction work has been started as yet. When the work on terminal will be started, direct route for Airports will be prepared and direct main road will be made as per the said route for the project. He further informed that now, only one flight is in operation and thus, temporary approach has been taken. During the construction of

		the village may also be laid.	terminal building of airport, the maintenance of the approach roads will be carried out by the Authority. During the construction of roads, water will be sprinkled to control the dust pollution. He also informed that Rs.1.6 Crores will be spent on activities under the Corporate Environment Responsibility. Memorandum of understanding (MOU) has been signed with Govt. of Punjab and as per the said MOU, Govt. shall provide road and water facilities required for the project to the Airports Authority. He also informed that laying of sewerage system in the village is not in purview of Airports Authority. However, their concern brought into the notice of concerned authority.
2.	Sh. Balbir Singh, Ex. Sarpanch, Village Kadola, District Jalandhar.	He stated that when the work of terminal will be started, the material will be taken through the roads meant for their village, hence, the same will be damaged. Therefore, the roads should be made before starting the work on the terminal. He further informed that the land of their village has been acquired by the Airports Authority, as such, the Airports Authority should provide employment to the people of their village.	The representative of the Airports Authority informed that when the roads will be used for the project, maintenance of the same will be done by the Airports Authority. He further informed that the work of the project will be got done from the contractor. Generally, the contractor employ the local persons in the project. However, the contractor will also be instructed to give employment to the local people.
3.	Sh. Malkit Singh, r/o Village Kadola, District Jalandhar.	He stated that as informed by the representative of Airports Authority, the	The representative of the Airports Authority informed that village roads are

		direct route/road for the terminal will be made, but the internal village and road approaching to their village along the canal should also be widened.	related with the other departments of the State Govt. such as Rural Development Department and as such, construction of such roads falls in their purview. However, they have noted down their concern and same will be conveyed to the concerned department. Sh. Pardeep Kumar, Naib Tehsildar informed that this public hearing is related with the environment and the people should raise the question with regard to the environment.
4.	Sh. Surinder Kumar, r/o Village Kadola, District Jalandhar	He stated that he is not agree with the reply given by the representative of the Airports Authority regarding construction of road approaching to their village along the canal falls in the purview of other Govt. Authorities. Rather, the said road should be made by the Airports Authority.	The question as raised has been noted down. However, the representative of the Airports Authority has also informed that Rs.1.6 Crores will be spent on the activities under the CER for the development of the village with the consultation of District Administration & after study of the area. The cost of Environment Management Plan (EMP) will be separate from the CER budget. Monitoring will be done during the construction of the project also.

Environmental Engineer (Mega), Punjab Pollution Control Board, Patiala further requested the persons present at the venue of hearing that if anyone else wants to seek any information/ clarification on the proposed project, but no one came forward.

Thereafter, Additional Deputy Commissioner (Gen.), Jalandhar thanked the public for attending the public hearing. The public hearing is organized to listen the people for redress their grievance. There will be no use of any chemicals at the



site and the Airport is being constructed and the people of the area will be benefitted with the establishment of the airport. He further informed that a committee in the village may be constituted to get the work done under CER activities and the committee should identify the work including the construction of road etc. to be done in the village and same may be informed to the Deputy Commissioner, Jalandhar for implementation, so that the identified CER activities be got done from the Airports Authority.

This public hearing was attended by 59 persons.

No information / clarifications / comments / views / suggestions / objections on the project have been received from the public in writing to the Board, so far.

The hearing ended with vote of thanks to the Supervisor-Cum-Presiding Officer and the public present in the hearing.

**(Parveen Saluja)**

Env. Engineer (Mega)  
PPCB, Head Office, Patiala

**(Arun Kakkar)**

Env. Engineer  
PPCB, Regional Office,  
Jalandhar

**(Jasbir Singh), PCS,**

Addl. District Commissioner (G),  
Jalandhar