



ODISHA COASTAL ZONE MANAGEMENT AUTHORITY

Forest, Environment & Climate Change Department, Government of Odisha

File No.: OCZMA/14/2024 - 79/OCZMA
Proposal No.: IA/OR/CRZ/459561/2024

Dt. 16/03/2024

To

The Secretary,
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhavan,
Aliganj, Jorbagh Road, New Delhi-110003

Sub: Development of Greenfield Shree Jagannath International Airport at Sipasarubali, Puri District, Odisha by Commerce and Transport Department, Govt. of Odisha - Recommendation to MoEF&CC for CRZ Clearance Reg.

Sir,

This has reference to the proposal submitted by the Additional Secretary, Commerce and Transport Department, Govt. of Odisha vide Letter No. GAD-AV RES-0005-2016-1046 dt.24.01.2024 & Letter No. GAD-AV RES-0005-2016-1732 dt.12.02.2024 for "Development of Greenfield Shree Jagannath International Airport at Sipasarubali, Puri District" seeking CRZ Clearance.

The proposal was considered by the Authority in the 50th meeting held on 2.03.2024 in the light of provisions under Coastal Regulation Zone Notification, 2019. The details of the project as per the documents submitted and presented during the aforesaid meeting are as under:

- i. The project is for development of a new aviation infrastructure in the name of "Shree Jagannatha International Airport" at Sipasarubali village, Brahmagiri Tehsil, in Puri District.
- ii. The proposed site is 65 km away from the Biju Pattnaik International Airport(BPIA). Bhubaneswar. Due to non-availability of the land no further expansion or extension of runway is possible in BPIA site. Airport Authority of India (AAI) and Govt. of Odisha mutually decided for the proposed development based on the significant airspace capacity constraints.
- iii. The objectives of the project are to undertake flights of VVIPs/VIPs and high dignitaries of the State/Central Govt. for emergent public works like aerial survey of natural calamities, review of various developmental works, supervision of flood and drought relief works and law & order in different districts and increase in domestic and international flight connectivity to/from the State besides these the project also intended to cater the increasing tourist demand at Puri and increase connectivity to all corners of Odisha including coastal cities to world through aviation network. The airport will also complement to the Biju Pattnaik International Airport, Bhubaneswar.

Major Features	Specifications-Phase I
Runway	3700mX 45m
Apron	1500m X 275 m for 35 numbers Code C Aircraft with built in capacity to accommodate up to 11 numbers Code E aircraft.
Taxiway	2 Link Taxi and Parallel End to End Taxiway
Integrated Terminal Building	54000 sq.m for Peak 1337 pax. Capacity
Air Traffic Control cum Technical Building	3063 sq. m.
Cargo Terminal Building	7000 sq. m.
Admin Building	3000 sq. m.
Car & Bus Parking	800 cars, 100 Bikes and 8 Buses
Utilities Service Block	5000 sq. m.
Operational wall	2.9 m
Fire Station	Category-9
Power House	Electrical Substation
	Distribution Substation
	AGL and Visual Aids to support CAT 1 operations
	METFARM
Property Boundary Wall, E & M	
Facilities, Isolation Bay	
Major Features-Phase II	
Expansion of Terminal Building by 39000 sq. m for peak 3121 Pax. Capacity	
Apron expansion to achieve overall size of 2000m X 275 m for additional 25 Code C aircraft bays and 3 additional Code E aircraft bays	
Two rapid Exit Taxi track fo Runway 05/23	
Expansion of Cargo Terminal Building by 23890 sq. m so as to achieve Total Built-up Area of 30890sq. m	
Two Hangers to accommodate 2 aircraft of Code 4C or 1 aircraft of Code E	
Augmentation of all the utilities to match the enhanced infrastructure	
Major Features-Phase III	
Apron expansion to achieve overall size of 3400m X 275 m for additional 67 aircraft bays	
Construction of New Terminal Building of 1,57,650 sq. m. to cater for 5255 peak hour passengers	
Expansion of Cargo Terminal Building by 37,000 sq. m so as to achieve Total Built-up Area of 67,000sq. m	
One Hanger to accommodate 2 aircraft of Code 4C or 1 aircraft of Code E	
Up- gradation to Cat II approach lights	
MRO Facilities	
Augmentation of all the utilities to match the enhanced infrastructure	

- iv. Ministry of civil aviation has issued a site clearance Certificates vide Letter No. AV-2001 5/1 12012-AD dated 22.09.2023.
- v. The total land area acquired for the proposed project is 471.401 Ha. Out of which 353.883 Ha. is Government land, 89.632 Ha. is Private land and 27.854 Ha of Forest land comes under Sipasarubali area.
- vi. Forest Clearance has already been submitted vide proposal no. FP/OR/Airport/426096/2023 date: 14.04.2023 which was recommended by Regional Empowered Committee, Bhubaneswar to RO, MoEF&CC, New Delhi for the diversion of Forest Land.

- vii. The development proposed over the land area includes plot no. 96,99,109,113,115,116,132,133,137,139 & 221 in village Sipasurubili, Brahmagiri tehsil, Puri district, Odisha
- viii. The estimated total water demand for Phase-I is 6 MLD, and for final Phase is 25 MLD. The total fresh water/potable water demand in Phase I is 1.6 MLD. The water demand will be fulfilled by Water Corporation of Odisha (WATCO). The overall estimated sewerage generation is 15 MLD, while for Phase-I it would be 1.07 MLD. A Sewage Treatment Plant (ETP) will be developed for treating the waste water from all the units/sources. In Phase- I, MBBR based Sewage Treatment Plant (STP) of 1.3 MLD has been proposed. In final phase two separate STPs have been planned for Puri Airport.
- ix. Total power requirement for Phase-I is 16 MW approximately. The power demand for the project shall be sourced from Tata Power Central Odisha Distribution Limited and 10% of the total power shall be met through solar energy.
- x. It is a greenfield airport thus the impact on the environmental parameters is negligible and restricted to Construction period only and regular monitoring is proposed for this project to identify the impacts both during construction as well as operation period.
- xi. The estimated total solid waste generation for Phase-I is 3tons/day, while for the final phase it is expected to touch 20tons/day.
- xii. The project will generate employment opportunities to about 2000 persons.
- xiii. The Disaster Management Plan is prepared considering the Natural disaster as well as aircraft accident-related disasters. Provisions for constitution of an Airport Emergency Managing Committee for Operation and Management Control of Disasters.
- xiv. The geographical co-ordinates of the project boundaries are (i) 19°45'52.9"N&85°43'15.0"E(ii)19°46'11.8"N,85°43'38.5"E(iii)19°46'29.4"N,85°43'23.9"E(i v) 19°47'48.3"N, 85°45'01.7" E (v) 19°47'30.7"N,85°45'16.4"E (vi) 19°47'51.0"N, 85°45'41.5"E (vii) 19°47'41.2"N, 85°45'49.6"E (viii) 19°45'43.2"N,85°43'23.2"E.
- xv. Part of the project site falls within CRZ Map no. 24 & Sheet No. E 45 B9/SE and Map No. OD-25 Sheet No. E 45B 13/SW. National Centre for Sustainable Coastal Management (NCSCM) has carried out the CRZ study of the area and prepared the CRZ report CRZ Map. As per report the proposed Project boundary of Airport falls on No Development Zone and CRZ IIIB (200m to 500m from HTL) category.

Proposed Project Site	CRZ Categories (Area in Hectares)		
	No Development Zone CRZ-III A	200 m to 500 m from HTL - CRZ IIIB	Out of CRZ Area
Proposed Airport Boundary	0.0204 Ha.	15.0929	455.118

- xvi. The project comes under Category A - 7(a) Airports (Sector-29) of EIA notification, 2006. The project accorded TOR from MoEF & CC vide letter / file no. 21-40/2023-IA.III dated 20th November, 2023.
- xvii. The proposed project is 9.95 km from the ESZ of Balukhand Wildlife Sanctuary.
- xviii. As per the EIA Report an amount of Rs. 1130 Lakhs is kept towards capital cost and Rs. 150 Lakhs towards recurring cost per annum for implementation of Environmental Management Plan.

xix. The proposed activity is a permissible activity in CRZ -III area under the following clause of CRZ Notification, 2019:

5.3(v) Development of airports in wastelands and non-arable lands in CRZ-III areas with adequate environmental safeguards.

xx. Authority after detail deliberation and discussion decided to recommend the proposal to MoEF & CC, Govt. of India as per Para 7(ii) of the CRZ-Notification 2019 for grant of composite EC & CRZ Clearance with the following condition:

a) The area of 0.02 Ha. falls in CRZ-IIIA (No Development Zone) should be excluded from the proposed development area.


Director, Environment-cum-
Special Secretary to Govt. and
Member Secretary, OCZMA

Memo. No. 80/OCZMA

Dt. 16 / 03 / 2024

Copy forwarded to the Additional Secretary to Govt., Commerce & Transport Department, Govt. of Odisha for information and necessary action.


Director, Environment-cum-
Special Secretary to Govt. and
Member Secretary, OCZMA