

F.No.11-9/2023-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA-III Section (CRZ)

Indira Paryavaran Bhawan
Jor Bagh Road
New Delhi – 110003
Dated: 5th April, 2023

To

M/s Adani Ports and SEZ Limited
Adani House, Nr. Mithakhali Circle
Navarangpura, Ahmedabad
Gujarat – 380009

Email: environment.mundra@adani.com

Subject: Development of Road, Rail, Utility Corridor and LPG Pipeline at Mundra, District Kutch, Gujarat by M/s Adani Ports and SEZ Limited - CRZ Clearance - regarding.

Sir,

This has reference to your proposal No. IA/GJ/CRZ/411806/2022 dated 18th January, 2023 on the above mentioned project proposal for CRZ Clearance, in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for CRZ Clearance to the project for Development of Road, Rail, Utility Corridor and LPG Pipeline at Mundra, District Kutch, Gujarat by M/s Adani Ports and SEZ Limited.

3. The proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building / Construction and Miscellaneous projects, in its meeting held on 7th February, 2023. The project proponent and their consultant made detailed presentation and informed as under:

- (i) M/s Adani Ports and SEZ Limited (APSEZ) has proposed to (i) develop a new utility corridor from the west side of south port, which comprises of road, rail, pipeline, HT line, other utility services and proposed to develop (ii) underground cross-country LPG pipeline route (@91.35 km) from east side of the south port connecting Mundra LPG Terminal Pvt Ltd to GAIL facility at Mithirohar, Gandhidham.
- (ii) M/s APSEZ has proposed that project utility corridor will have a width of 100m and approximate length of 7 km, inclusive of 2 numbers of 4 lane roads, 2 railway lines, pipeline, HT power line and other utility lines (including facilities such as pipelines, power & networking cables, gas networks etc.). The entire stretch of the corridor will be above ground and at the creek crossing; it will be on an elevated bridge supported with pile structure. The dimension of the utility corridor as:

S. No	Type of the Corridor Lane	Proposed width of each corridor (m)
1	Utility corridor	12
2	Pipeline corridor	20
3	Rail corridor	15
4	Road corridor	35
5	Power / HT line corridor	18
Total width		100

(iii) The Area falling in CRZ as:

Proposed Project Activities	CRZ IA	CRZ IB	CRZ III (NDZ)	CRZ III (200 m to 500 m)	CRZ IV B
Proposed LPG Pipeline (m)	- 370.03	- 59.68	- 91.87	1259.12 -	- -

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	175.79	10.19	42.09	-	-
Proposed HT Power Line (Length in m)	-	-	801.85	-	46.05
	1733.08	355.70	1110.01	-	396.15
	1601.18	-	418.61	-	-
Proposed Road Corridor (Area in Ha)	2.19	0.61	0.72	-	0.22
	7.63	0.31	2.80	-	-
Proposed Pipeline Corridor (Area in Ha)	-	0.00	6.03	1.79	-
	0.91	0.33	13.15	-	0.09

(iv) The CRZ applicability for the project as:

S.No	Proposed Development	CRZ Classification	Permissible clause as per CRZ Notification 2011
1	Proposed underground LPG Line	CRZIII NDZ (Port Limit)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
2		CRZIII (Port Limit)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
3		CRZ IA (Mangrove Buffer)	3(iv)(a), 4(i)(a) &(f), , 4(ii)(d), 8(I)(i)(b) &(c)
4		CRZ IB	3(iv)(a), 4(i)(a) &(f), 4(ii)(d) and 8(I)(ii)(g)
5	Proposed HT Power Corridor	CRZIII NDZ (Port Limit)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
6		CRZIII (Port Limit)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
7		CRZIVB	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
8		CRZIA (Mangrove Buffer)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d), 8(I)(i)(b) &(c)
9		CRZ IB	3(iv)(a), 4(i)(a) &(f), 4(ii)(d) and 8(I)(ii)(g)
10	Proposed Road and Rail Corridor	CRZIII NDZ (Port Limit)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
11		CRZIA (Mangrove Buffer - On Stilts)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d), 8(I)(i)(b) &(c)
12		CRZIA (On Stilts)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d), 8(I)(i)(b) &(c)
13		CRZIVB	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
14		CRZ IB	3(iv)(a), 4(i)(a) &(f), 4(ii)(d) and 8(I)(ii)(g)
15	Proposed Pipeline Corridor	CRZIII NDZ (Port Limit)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
16		CRZIII (Port Limit)	3(iv)(a), 4(i)(a) &(f), 4(ii)(d)
17		CRZ IB	3(iv)(a), 4(i)(a) &(f), 4(ii)(d), and 8(I)(ii)(g)

- (v) The total Employment likely to be about 60 during construction phase (Temporary: 50 and Permanent: 10).
- (vi) The project site is falling under Zone V (Highest Risk Zone) – Seismic Zone and Disaster Management Plan has been drawn for natural disasters such as earthquake, cyclone, tsunami, flood and man-made disaster such as fire
- (vii) The estimated cost of the project is approximately ₹495 Crores. The EMP budget allocated ₹35 lakhs Per Annum.
- (viii) The Gujarat Coastal Zone Management Authority vide letter No.ENV-10-2018-76-T, dated 20/10/2022, has recommended the project for CRZ clearance.

4. The Committee made detailed deliberation on the proposal. The Committee noted that the GCZMA has recommended the project and intimated that the activity is permissible. The EAC advised to PP that the LPG pipeline is not a Public Utility Corridor and it need clarification in this regard and also suggested to submit clarification immediately by e-mail to all EAC Members. The PP has submitted clarification *vide* e-mail / letter No. Nil, dated 07/02/2023 and same also circulated to all EAC members including MoEFCC and also accepted by EAC while approving the minutes.

The Committee after detailed deliberations and based on the clarifications/ information submitted by PP recommended the proposal for CRZ Clearance, subject to certain terms and conditions.

5. Based on the recommendation of the Gujarat Coastal Zone Management Authority and considering the submissions made by the project proponent, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendations of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the project for **Development of Road, Rail, Utility Corridor and LPG Pipeline at Mundra, District Kutch, Gujarat by M/s Adani Ports and SEZ Limited**, under the provisions of the CRZ Notification, 2011 and amendments thereto, subject to the compliance of terms and conditions as under:-

PART A – SPECIFIC CONDITIONS:

- (i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011, as amended from time to time.
- (ii). The utility corridor should be restricted to within port limit.
- (iii). All facilities in utility corridor should comply with detailed in risk and safety management plan as presented the committee and compliance report to be submitted to Regional Office
- (iv). Sufficient gap / distance between pipelines need to maintain for safety & maintenance activities.
- (v). Any temporary physical infrastructure setup and excavated material shall not be dumped in water bodies or adjacent areas and the site shall be restored to its original condition after completion of construction of work.
- (vi). The pipeline where crossing of water body / river / creek areas should be laid through Horizontal Directional Drilling (HDD) method.
- (vii). No storage reservoir for sea water shall be permitted and only project activity i.e. pipelines conveyance system etc. shall be installed.
- (viii). No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- (ix). Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- (x). The prior approval from PESO should be obtained before commencement of the project.
- (xi). All the conditions stipulated by the Gujarat Coastal Zone Management Authority vide its letter No.ENV-10-2018-76-T, dated 20/10/2022 and commitments made by the PP before the GCZMA and EAC shall be followed in letter and spirit.
- (xii). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

PART B - GENERAL CONDITIONS:

- (i). Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.
- (ii). 'Consent to Establish' and /or 'Consent to Operate' shall be obtained from State Pollution Control Board under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and / or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.



- (iii). Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of Competent Authority.
- (iv). All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central / State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea / coastal water bodies. It shall be ensured that the wastewater generated is treated in the STP as committed by the project proponent. The treated waste water shall be reused for landscaping, flushing and / or HVAC cooling purposes etc. within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.
- (v). Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- (vi). A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Zone Management Authority/State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office / Tehsildar's office for 30 days.
- (vii). A six-monthly monitoring report shall need to be submitted by the project proponent to the concerned Regional Office of this Ministry regarding the implementation of the stipulated conditions.
- (viii). The Ministry of Environment, Forest & Climate Change or any other Competent Authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (ix). Full co-operation shall be extended to the officials from the Regional Office of MoEF&CC, during monitoring of implementation of environmental safeguards stipulated. It shall be ensured that documents/data sought pertinent is made available to the monitoring team. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned Regional Office of MoEF&CC.
- (x). In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (xi). The Ministry reserves the right to add additional safeguard measures subsequently, if considered necessary, and to take action to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner, including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, for non-compliance.
- (xii). All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponent from the respective Competent Authorities.
- (xiii). The project proponent should 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 CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <https://parivesh.nic.in/>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the concerned Regional Office of this Ministry.
- (xiv). A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.



- (xv). The proponent shall upload the status of compliance of the stipulated 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.
- (xvi). 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 project proponent along with the status of compliance of clearance conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.
6. This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
7. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the CRZ clearance, if implementation of any of the above conditions is not found satisfactory.
8. Concealing factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
9. Any appeal against this CRZ 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.
10. 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 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 and any other Court of Law relating to the subject matter.
11. This issues with approval of the Competent Authority.


(Dr. H. Kharkwal)
Scientist 'E' (CRZ)

Copy to:

1. The Additional Chief Secretary, Forest & Environment Department, Government of Gujarat, 8th Floor, Block – 14, New Sachivalaya, Gandhinagar – 382010, Gujarat.
2. The Deputy DGF (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Gandhi Nagar A wing- 407 & 409, Aranya Bhawan, Near CH-3 Circle, Sector-10A, Gandhi Nagar-382010, Gujarat.
3. The Member Secretary, Gujarat Coastal Zone Management Authority, Block No: 14/8th Floor, New Sachivalaya, Sector - 10A, Gandhinagar, Gujarat.
4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032
5. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10A, Gandhinagar – 382010, Gujarat.
6. Guard File/Monitoring File / Website / Record File


(Dr. H. Kharkwal)
Scientist 'E' (CRZ)