



Vizhinjam International Seaport Ltd

(A Government of Kerala Undertaking)

VISL/45/2025-GM1(E) / 856

25 Nov 2025

To

Additional Principal Chief Conservator of Forests (C),
Ministry of Environment Forest and Climate Change (MoEF&CC),
Regional Office (SZ), Kendriya Sadan,
4th Floor, E&F Wings, 17th Main Road,
Koramangala II Block, Bangalore-560034 (Karnataka)
rosz.bng-mefcc@nic.in; Ph: 080-25635901

Sub: Half Yearly Compliance Report (HYCR) of Environmental and CRZ Clearance (EC) for Vizhinjam International Multipurpose Deepwater Seaport for the period of April 2025 to Sep 2025 – Reg.

Ref: 1) File No. 10/56/2023-IA.III dated 10th March 2025
(EC ID No. EC25A3501KL5132388N)
2) Letter No 1540/A2/2022/KCZMA dated 21st Dec 2024

Dear Sir,

This has reference to the Environmental & CRZ Clearance (EC) issued on 10th MArch 2025 (vide reference cited 1) by the Ministry of Environment, Forest & Climate Change (MoEF&CC) for the development of complete master plan of Vizhinjam International Multipurpose Deepwater Seaport at Vizhinjam in Thiruvananthapuram District of Kerala State based on the recommendation of KCZMA (vide the reference cited 2).

The Half Yearly Compliance Report (HYCR) of the conditions stipulated in the cited references for the period from April 2025 to Sep 2025 is uploaded herewith for record and reference.

As per the EC General condition SI No 11.4, the HYCR, the compliance status for the above period is uploaded in the website of MOEF-CC portal (Parivesh 2.0)

Yours Sincerely
For Vizhinjam International Seaport Ltd. (VISL)

Chief Executive Officer

Encl: As Stated Above

Copy to: CEO, Adani Vizhinjam Port Private Ltd. (AVPPL), the Concessionaire
01, Port Operation Building, Vizhinjam Seaport, Mulloor P.O, Vizhinjam,
Thiruvananthapuram-695521, Kerala, India

**Half Yearly Compliance Report
2025
01 Dec(01 Apr - 30 Sep)**

Acknowledgement

Proposal Name	Development of complete Master Plan of Vizhinjam International Deepwater Multipurpose Seaport: Phase-II and III components		
Name of Entity / Corporate Office	Vizhinjam International Seaport Limited		
Village(s)	KOTTUKAL		
District	THIRUVANANTHAPURAM		
Proposal No.	IA/KL/INFRA1/517128/2025	Category	INFRA-1
Plot / Survey / Khasra No.	N/A	Sub-District	Neyyattinkara
State	KERALA	Entity's PAN	*****EQUIRED
MoEF File No.	10/56/2023-IA.III	Entity name as per PAN	VIZHINJAM INTERNATIONAL SEAPORT LIMITED

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	The consolidated Half Yearly Compliance Report (HYCR) for the period October 2024 to March 2025 has also been submitted by email
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office	Vizhinjam International Seaport Limited
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	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	244.17	244.17
Total	244.17	244.17

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
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Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details	
1	Statutory compliance	Construction activity shall be carried out strictly according to the provisions of the CRZ Notification, 2019. No construction work/activity other than those permitted in Coastal Regulation Zone Notification shall be carried out in the Coastal Regulation Zone area.	
2	Statutory compliance	<p>PPs Submission: Agreed to Comply Being Complied, Permitted construction Work and permitted activities under CRZ notification 2019 only will be carried out in the CRZ area by the concessionaire as agreed in the Concession agreement executed between the PP and the Concessionaire.</p>	Date: 26/11/2025
3	Statutory compliance	<p>PPs Submission: Agreed to Comply Being Complied, The recommendations/conditions of KCZMA are being complied with. Compliance statement s submitted by the concessionaire to the recommendations/conditions of KCZMA for the period April 2025 to September 2025 is enclosed as Annexure.</p>	Date: 26/11/2025
4	Statutory compliance	<p>PPs Submission: Agreed to Comply Being Complied, Storages in the CRZ area as per the CRZ notification 2019 only will be made. No mangroves will be cut in the area for the Port Construction as which are not present in the area.</p>	Date: 19/11/2025
5	Risk Mitigation and Disaster Management	<p>PPs Submission: Agreed to Comply Marine Biodiversity Study has been done by NIO. Copy attached here with. Its recommendations / Environmental Management Plan will be implemented and its compliance statement is being filed by the concessionaire and will be submitted to the IRO, MoEFCC</p>	Date: 26/11/2025
		<p>Crude oil handling both receipt and storage is not being planned and is to be dropped from the proposal. With regard to the storage of Petroleum Products construction of tanks to confirm OISD (Oil Industry Safety Directorate) norms, should comply with the M. B. Lal Committee Report and must include due risk assessment and mitigation plan. With regards to bunkering facilities due care and caution need to be exercised for prevention of spillage and leaks. Compliance with MARPOL guidelines and effective leak handling SOP are to be ensured.</p>	
		<p>PPs Submission: Being Complied Shall be Complied, Construction of liquid storage tanks for Petroleum products will confirm OISD (Oil Industry Safety Directorate) norms and the M. B. Lal Committee Report recommendations as applicable. Leak handling SoP is being prepared by the Concessionaire. The port shall ensure that all ships under operation follow the stipulations of MARPOL convention regarding leaks and spillages. Being Complied</p>	Date: 26/11/2025

6	Marine/Coastal	Marine ecology shall be monitored regularly also in terms of seaweeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves, and other marine biodiversity components as part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro, and mega floral and faunal components of marine biodiversity.
PPs Submission: Being Complied Shall be Complied Marine ecology study as a part of Marine Biodiversity Study (baseline studies copy attached) by NIO monitoring of marine ecology will be carried out as part of the finalizing the management plan specified.		Date: 20/11/2025
7	Marine/Coastal	The project proponents would also inventories the floral composition of the biota of marine and intertidal biotopes and draw up a detailed marine biodiversity conservation management plan based on possible impacts. The management plan shall be submitted also to the State Biodiversity Board and implemented to their satisfaction during the project cycle.
PPs Submission: Agreed to Comply Noted Marine Biodiversity Study is being carried out by the concessionaire through NIO and marine biodiversity conservation management plan would be formulated. It would be further submitted to the state bio diversity board and implemented during the project cycle.		Date: 24/11/2025
8	Marine/Coastal	A continuous monitoring programme covering all the seasons on various aspects of the coastal and marine environs needs to be undertaken by a competent organization available in the State or by entrusting to the National Institutes/renowned Universities/accredited Consultant with rich experiences in marine science aspects. Monitoring should include seaweeds, sea grasses, mudflats, sand dunes, fisheries, mangroves, and other marine biodiversity components as part of the management plan.
PPs Submission: Agreed to Comply Shall be Complied Marine Biodiversity Study will be carried out by the concessionaire through NIO as per the management plan		Date: 24/11/2025
9	Marine/Coastal	All the recommendations mentioned in the fish landings survey report prepared by the Central Marine Fisheries Research Institute (CMFRI) shall be implemented and the compliance of the recommendations shall be submitted to the concerned IRO, MOEFCC along with the six-monthly EC compliance Report.
PPs Submission: Agreed to Comply Noted , Being Complied, Central Marine Fisheries Research Institute (CMFRI) have conducted a study on estimation of marine fish landings data from the potential impact zones of Vizhinjam International Seaport for the period June 2021 to May 2022. The report concluded that Fish landings survey recorded an increase of 3.35 percentage compared to the total landings reported in 2011. Seasonal and zonal variations of fish catch analysis portrays the higher catches in the direct footprint zone, implying that no significant impacts due to the development of Vizhinjam on the availability of fish resources. The recommendation of the CMFRI report identify any impact during the port's operational phase and will be carried out by the concessionaire which will reveal the fish landings. Hence, the concessionaire will arrange to study through CMFRI during operational phase to examine its effect on the marine habitat, flora, and fauna.		Date: 24/11/2025
10	Marine/Coastal	A continuous monitoring programme covering all the seasons on various aspects of the coastal and marine environs needs to be undertaken by a competent organization available in the State or by entrusting to the National Institutes/renowned Universities/accredited Consultant with rich experiences in marine science aspects.

		Monitoring should include seaweeds, sea grasses, mudflats, sand dunes, fisheries, mangroves, and other marine biodiversity components as part of the management plan. The monitoring report shall be submitted to the concerned IRO, MoEFCC along with the six-monthly report.
	PPs Submission: Agreed to Comply Shall be Complied, Marine Biodiversity Monitoring study covering all seasons will be carried out by the concessionaire through reputed agency regularly.	Date: 26/11/2025
11	Marine/Coastal	No underwater blasting is permitted.
	PPs Submission: Being Complied No underwater blasting is envisaged	Date: 20/11/2025
12	WATER QUALITY MONITORING AND PRESERVATION	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.
	PPs Submission: Being Complied There are no creeks or rivers adjacent to the project site.	Date: 20/11/2025
13	WATER QUALITY MONITORING AND PRESERVATION	PP shall ensure the loading and unloading process shall not cause any spillage in the water and stormwater drains should be built to collect spillage, if any.
	PPs Submission: Agreed to Comply Shall be Complied Spillage is not expected during normal operations. However, in case of accidental spillage, spill management plan is in place at the Vizhinjam port project site and actions as per plan will be taken to properly collect the spillage and dispose as per the Rules.	Date: 26/11/2025
14	AIR QUALITY MONITORING AND PRESERVATION	The cargo handling area shall be provided with an adequate number of high-efficiency dust extraction systems. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
	PPs Submission: Agreed to Comply Noted, Shall be Complied during the operational Phase	Date: 26/11/2025
15	AIR QUALITY MONITORING AND PRESERVATION	Effective and efficient pollution control measures like covered conveyors/stacks (IOF/IOC, Gypsum, and other bulk cargo) with fogging/back filters and water sprinkling commencing from ship unloading to stacking to evacuation shall be undertaken. Stack yards shall be bounded by a thick two-tier green belt with proper drains and wind barriers wherever necessary.
	PPs Submission: Agreed to Comply Shall be Complied during operational phase	Date: 26/11/2025
16	WATER QUALITY MONITORING AND PRESERVATION	Garland drains and collection pits of adequate capacity shall be provided for each stockpile to arrest the runoff in the event of heavy rains and to check the water pollution due to surface runoff and disposed only after treatment.
	PPs Submission: Agreed to Comply shall be complied. Effective steps to check water pollution due to surface run off would be included	Date: 26/11/2025

by adequately designing the Garlant drains and collection pits disposed after required treatment by the concessionaire .

17	AIR QUALITY MONITORING AND PRESERVATION	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around the loading and unloading points and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	
PPs Submission: Being Complied	Being Complied Following precautionary measures are undertaken as environment safeguards: Regular Water Sprinkling is done on the approach road by water tankers. Tarpaulin cover is being used during transportation of construction material. All vehicles coming into the site are under a speed restriction of 20 km/hr. It is ensured that all vehicles entering the Port have a valid PUC certification. Greenbelt/Landscaping is being developed Ambient Air Quality parameters at the Port Site are within limits during the compliance period	Date: 20/11/2025	
18	WASTE MANAGEMENT	Spillage of fuel/engine oil and lubricants from the construction site is a source of organic pollution, which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.	
PPs Submission: Agreed to Comply	Shall be Complied Spillage is generally not expected during normal operations. However, in case of accidental spillage, Spill Management Plan is in place at the Vizhinjam port project site and necessary action will be taken to properly collect the spillage and dispose as per rules.	Date: 26/11/2025	
19	Risk Mitigation and Disaster Management	Risk assessment for spill scenarios and Disaster Management Plan as prepared shall be in place in the environment Management cell of the port authority with all SOPs for various scenarios.	
PPs Submission: Being Complied	Noted, Being Complied Disaster Management Plan including Risk Assessment Scenarios are in place for the site for Phase I of the Port and the same shall be extended for the master plan project with enhanced risk assessment and upgraded DMP	Date: 20/11/2025	
20	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the port area at least at four locations (one within and three outside the port area at an angle of 120 deg. each), covering upwind and downwind directions.	
PPs Submission: Being Complied	Will be Complied Environment Monitoring is being carried out at the site for Phase I (Operational Phase) of the Vizhinjam port, the same shall be extended to Master plan Development Projects during Construction phase as well as Operational Phases	Date: 20/11/2025	
21	AIR QUALITY MONITORING AND PRESERVATION	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply with prescribed fugitive emission standards.	
PPs Submission: Being Complied	Noted shall be complied	Date: 20/11/2025	

22	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall submit a monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/fugitive emissions to the Regional Office of MoEFCC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
23	Marine/Coastal	PPs Submission: Being Complied Noted, Shall be Complied Records of regular dredging shall be maintained with periodic survey data.
24	Marine/Coastal	PPs Submission: Being Complied shall be complied during dredging operations Being Complied Sediment analysis of harbor at identified locations shall be analyzed and records for past and present periods shall be maintained.
25	Marine/Coastal	PPs Submission: Being Complied Will be Complied Environment Monitoring including sediment analysis is being carried out at the site for Phase I (Operational Phase) of the Vizhinjam port, the same shall be extended for Master Plan Development Project. Sediment concentration should be monitored fortnightly at the source and disposal location of dredging while dredging.
26	Marine/Coastal	PPs Submission: Agreed to Comply Being Complied Sediment concentration would be monitored fortnightly at the dredging location during dredging Environment Monitoring including sediment analysis is being carried out at the site for Phase I of the Vizhinjam port, the same shall be extended during Master plan development (Phase II and III of the project) too. Periodical study on shoreline changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six-monthly monitoring Report.
27	WASTE MANAGEMENT	PPs Submission: Being Complied Will be Complied, Periodical Shoreline change study will be carried out by the concessionaire and details of the same will be submitted along with the Six monthly monitoring report as done in Phase I and as stipulated in the KCZMA recommendations. Necessary arrangements for the treatment of the effluents and solid wastes/ facilitation of reception facilities under MARPOL must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986. The provisions of Solid Waste Management Rules, 2016. E-Waste Management Rules, 2016, and Plastic Waste Management Rules, 2016 shall be complied with.
28	Risk Mitigation and Disaster Management	PPs Submission: Being Complied Noted, Shall be Complied Currently project is under construction. Will be complied during operational phase. All the recommendations mentioned in the rapid risk assessment report, disaster management plan, and safety guidelines shall be implemented.

PPs Submission: Being Complied
Noted, Shall be Complied

Date:
20/11/2025

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Corporate Environmental Responsibility

Details of budgetary commitments which shall form part of the overall EMP and Social Welfare costs shall be as follows: 1. Budgetary amounts as part of Phase-II and III Port Development A. EMP budgeted for the project - Rs. 84 Crores B. Amount budgeted as outcome of Public Hearing Commitments (breakup is attached which is enhanced by Rs. 10 Crores for the Health Sector) which was earlier Rs. 100 Cr. - Rs. 110 Crores 2. Associated Social Welfare Measures under Various Government Initiatives C. New Fishing Harbour at Kottapuram - Rs. 257 Crores D. Adoption of Existing Fishing Harbour, under PMMSY - Rs. 73 Crores E. Seafood Park - Rs. 80 Crores F. Additional Anticipated Livelihood Compensation - Rs. 50 Crores

PPs Submission: Being Complied

1. The EMP budget as per EIA and Public hearing commitments (A and B) would be included in the project budget by the concessionaire as per the relevant OM of MoEF-CC 2. Government initiatives of the social welfare measures (C, D, E and F) has been initiated by Government of Kerala, which are at various stage of implementation. Administrative sanction issued by Government of Kerala for the implementation of a new fishing harbour is attached.

Date:
26/11/2025

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PUBLIC HEARING

PP shall implement a grievance redressal system for the resolution of complaints raised during public hearing and inform the public about the action taken on their grievances.

PPs Submission: Agreed to Comply

Noted and shall be complied, the section in VISL/GoK will address grievances effectively and transparently for the resolution of local complaints.

Date:
26/11/2025

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MISCELLANEOUS

This Environmental clearance and CRZ clearance is granted subject to final outcome of Honorable Supreme Court of India, Honorable High Court, Honorable NGT and any other Court of Law, if any, as may be applicable to this project.

PPs Submission: Being Complied

Noted

Date:
26/11/2025

General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011 and the State Coastal Zone Management Plan as drawn up by the State Government. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.

PPs Submission: Being Complied

Noted, Being Complied Construction of the project is being carried out based on clearance as per CRZ Notification, 2019 the latest in force.

Date:
26/11/2025

2

Statutory compliance

A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

<p>PPs Submission: Being Complied Complied Project Proponent (VISL) has obtained Power adequacy certificate from KSEB vide No. CETS/AE4/ E11095/VISL/E19388/23-24/1685 dated 19.04.2024. (A copy of the same was enclosed as part of HYCR for the period October 2024 to March 2025.)</p>			Date: 20/11/2025
3	Statutory compliance	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.	
<p>PPs Submission: Being Complied Being Complied All the construction activities will be carried out as per existing Central/State rules. Necessary permissions under CRZ Notification, 2011 have been obtained. Further, necessary approvals from concerned Statutory Departments/Agencies will be obtained for the construction designs/drawings as applicable.</p>			Date: 20/11/2025
4	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the project area at least at four locations, covering upwind and downwind directions.	
<p>PPs Submission: Being Complied Will be Complied Environment Monitoring is being carried out at the site for Phase I (operational phase) of the Vizhinjam port, the same shall be extended in the subsequent Phases of the project during Construction and Operation Phases.</p>			Date: 20/11/2025
5	AIR QUALITY MONITORING AND PRESERVATION	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.	
<p>PPs Submission: Being Complied Noted and shall be complied</p>			Date: 20/11/2025
6	AIR QUALITY MONITORING AND PRESERVATION	Shrouding shall be carried out in the work site enclosing the dock/proposed facility area. This will act as dust curtain as well achieving zero dust discharge from the site. These curtain or shroud will be immensely effective in restricting disturbance from wind in affecting the dry dock operations, preventing waste dispersion, improving working conditions through provision of shade for the workers.	
<p>PPs Submission: Being Complied Noted for compliance</p>			Date: 20/11/2025
7	AIR QUALITY MONITORING AND PRESERVATION	Dust collectors shall be deployed in all areas where blasting (surface cleaning) and painting operations are to be carried out, supplemented by stacks for effective dispersion.	
<p>PPs Submission: Being Complied Noted and Shall be complied</p>			Date: 20/11/2025
8	AIR QUALITY MONITORING AND PRESERVATION	The Vessels shall comply the emission norms prescribed from time to time.	

<p>PPs Submission: Being Complied Noted Shall be Complied Currently project is under construction. This shall be complied when subject phase is operational</p>			Date: 20/11/2025
9	AIR QUALITY MONITORING AND PRESERVATION	<p>Diesel power generating sets proposed as source of backup power 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.</p>	
<p>PPs Submission: Being Complied Noted and shall be complied</p>			Date: 20/11/2025
10	MISCELLANEOUS	<p>A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p>	
<p>PPs Submission: Being Complied Will be Complied A road traffic study and action plan has been carried out by National Transportation Planning and Research Centre (NATPAC). The study aims to assess the traffic impact of proposed Vizhinjam International Sea Port and surrounding hinterland area for a 5 km radius. This study explores the possible impacts that the proposed Vizhinjam Port development would generate on the transportation network in the hinterland area and to suggest suitable augmentations to achieve a sustainable development an action plan has been prepared. A copy of the report is enclosed. This plan shall be submitted to the respective departments of the State Government for their validation and implementation</p>			Date: 20/11/2025
11	WATER QUALITY MONITORING AND PRESERVATION	<p>The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.</p>	
<p>PPs Submission: Agreed to Comply Noted, Shall be Complied free flow would be ensured at all times.</p>			Date: 20/11/2025
12	WATER QUALITY MONITORING AND PRESERVATION	<p>Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality. Silt curtains shall be used to contain the spreading of suspended sediment during dredging within the dredging area.</p>	
<p>PPs Submission: Agreed to Comply Noted, Shall be Complied</p>			Date: 20/11/2025
13	WATER QUALITY MONITORING AND PRESERVATION	<p>No ships docking at the proposed project site will discharge its on-board waste water untreated in to the estuary/ channel. All such wastewater load will be diverted to the proposed Effluent Treatment Plant of the project site.</p>	

PPs Submission: Agreed to Comply Noted, Shall be Complied Currently project is under construction.			Date: 20/11/2025
14	WASTE MANAGEMENT	Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.	
		PPs Submission: Agreed to Comply Noted, Shall be Complied Spillage is not expected during normal operations. However, in case of accidental spillage, action will be taken to properly collect the spillage and dispose as per Oil Spill Contingency and Management Plan	Date: 20/11/2025
15	WASTE MANAGEMENT	Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.	
		PPs Submission: Agreed to Comply Noted, Being Complied	Date: 20/11/2025
16	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.	
		PPs Submission: Agreed to Comply Noted, Shall Be Complied Total operational water requirement for the Master Plan (all phases) of the port is 1000 KLD which will be met from the available natural water source of Vellayani Lake and from the public water supply system of Thiruvananthapuram District. 1.00 MLD water has been allotted to Vizhinjam Port through Kerala Water Authority (KWA) supply schemes. Total fresh water use will not exceed the proposed requirement. Prior permission from KWA shall be obtained for additional use of fresh water if required. A copy of certificate issued by KWA for adequacy of water supply is provided was provided as Annexure of HYCR for the period October 2024 to March 2025.	Date: 20/11/2025
17	WASTE MANAGEMENT	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.	
		PPs Submission: Being Complied Noted, Shall be Complied A Provision for installing Sewage Treatment Plant (STP) facility of adequate capacity in phased manner in accordance with the requirements will be implemented and treated water shall be reused for horticulture, landscaping, surface cleaning and dust suppression.	Date: 20/11/2025
18	WASTE MANAGEMENT	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.	
		PPs Submission: Being Complied Noted, Shall be Complied Zero Liquid Discharge (ZLD) is envisaged. All treated effluent shall be reused within port premises. No treated effluent shall be discharged outside the port premises.	Date: 20/11/2025
19	WATER QUALITY MONITORING AND PRESERVATION	No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.	
		PPs Submission: Being Complied Not Applicable There is no river necessitating diversion adjacent to the project site.	Date: 20/11/2025

20	Marine/Coastal	All the erosion control measures shall be taken at water front facilities. Earth protection work shall be carried out to avoid erosion of soil from the shoreline/boundary line from the land area into the marine water body.
	PPs Submission: Being Complied Noted, Shall be Complied Based on the shoreline monitoring data and management plan, maintenance dredged material, shall be utilized for earth protection works if required as a mitigation measure.	Date: 20/11/2025
21	Noise Monitoring & Prevention	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
	PPs Submission: Being Complied Being Complied Environment Monitoring, including noise monitoring is being carried out at the site for Phase I of the Vizhinjam port, the same shall be extended for the master plan development too.	Date: 20/11/2025
22	Noise Monitoring & Prevention	Noise from vehicles, 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.
	PPs Submission: Being Complied Noted, Shall be Complied	Date: 20/11/2025
23	Noise Monitoring & Prevention	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.
	PPs Submission: Being Complied Noted and shall be complied	Date: 20/11/2025
24	Noise Monitoring & Prevention	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
	PPs Submission: Being Complied Noted	Date: 20/11/2025
25	ENERGY PRESERVATION MEASURES	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
	PPs Submission: Being Complied Noted	Date: 20/11/2025
26	ENERGY PRESERVATION MEASURES	Provide LED lights in offices and project areas.
	PPs Submission: Complied Complied	Date: 20/11/2025
27	Marine/Coastal	Dredged material shall be disposed safely in the designated areas.
	PPs Submission: Being Complied	Date:

Noted		20/11/2025
28	Marine/Coastal	Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring reports.
<p>PPs Submission: Being Complied</p> <p>Being Complied Concessionaire engaged NIOT to study the long-term shoreline change monitoring based on high resolution satellite imageries, beach profile analysis and other related measurements supported with ground truthing. Annual Reports on Shoreline Change Analysis of Vizhinjam Coast Using Beach Profiles and Satellite Images had been prepared for the study periods: Feb 2015 to Sep 2018, Oct 2018 to Sep 2019, Oct 2019 to Sep 2020, Oct 2020 to Sep 2021, Oct 2021 to Sep 2022, Oct 2022 to Sep 2023, Oct 2023 to Sep 2024, and Oct 2024 to Sep 2025. These studies on the Shoreline Change Analysis of Vizhinjam Coast have not observed any shoreline change erosion occurring within 10 km due to the Vizhinjam port project. NIOT Annual Reports are uploaded on to the KCZMA website. The link for the last Annual Report on the KCZMA website is provided below: (https://keralaczma.gov.in/index.php/reports/annual-reports)</p>		Date: 20/11/2025
29	WASTE MANAGEMENT	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.
<p>PPs Submission: Being Complied</p> <p>Being Complied Sewage Treatment Plant (STP) facility of 50 KLD capacity complying with the CRZ Notification has been developed as a part of Phase I of the port project and will be further augmented phase wise for the Master plan development.</p>		Date: 20/11/2025
30	WASTE MANAGEMENT	The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
<p>PPs Submission: Being Complied</p> <p>Noted, Shall be Complied Solid waste is being properly collected, segregated, and disposed of in line with the Solid Waste Management Rules 2016, as amended for Phase-I and the same shall be extended for subsequent phases (Master plan development)</p>		Date: 20/11/2025
31	WASTE MANAGEMENT	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
<p>PPs Submission: Being Complied</p> <p>Noted, Shall be Complied</p>		Date: 20/11/2025
32	WASTE MANAGEMENT	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
<p>PPs Submission: Being Complied</p> <p>Noted, Shall be Complied</p>		Date: 20/11/2025
33	WASTE MANAGEMENT	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.

PPs Submission: Being Complied Noted, Shall be Complied			Date: 20/11/2025
34	WASTE MANAGEMENT		Oil spill contingency plan shall be prepared and part of DMP to tackle emergencies. The equipment and recovery of oil from a spill would be assessed. Guidelines given in MARPOL and Shipping Acts for oil spill management would be followed. Mechanism for integration of terminals oil contingency plan with the overall area contingency plan under the co-ordination of Coast should be covered.
PPs Submission: Being Complied Noted, Shall be Complied Oil Spill Disaster Contingency Plan (OSDCP) shall be updated after making necessary amendments in accordance with the observations issued and resubmitted to Indian Coast Guard (ICG). Inspection from Coast Guard and formal approval is awaited.			Date: 20/11/2025
35	GREENBELT		Green belt shall be developed in area as provided in project details with a native tree species in accordance with CPCB guidelines.
PPs Submission: Being Complied Noted, Shall be Complied			Date: 20/11/2025
36	GREENBELT		Top soil shall be separately stored and used in the development of green belt.
PPs Submission: Being Complied Noted, Shall be Complied			Date: 20/11/2025
37	Marine/Coastal		Dredging shall not be carried out during the fish breeding and spawning seasons.
PPs Submission: Being Complied Noted, Shall be Complied			Date: 20/11/2025
38	Marine/Coastal		Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment.
PPs Submission: Being Complied Noted, Shall be Complied			Date: 20/11/2025
39	Marine/Coastal		The dredging schedule shall be so planned that the turbidity developed is dispersed soon enough to prevent any stress on the fish population.
PPs Submission: Being Complied Noted and shall be complied			Date: 20/11/2025
40	Marine/Coastal		While carrying out dredging, an independent monitoring shall be carried out through a Government Agency/Institute to assess the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.
PPs Submission: Being Complied Noted, Shall be Complied			Date: 20/11/2025
41	Marine/Coastal		A detailed marine biodiversity management plan shall be prepared

		through the NIO or any other institute of repute on marine, brackish water and fresh water ecology and biodiversity and submitted to and implemented to the satisfaction of the State Biodiversity Board and the CRZ authority. The report shall be based on a study of the impact of the project activities on the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, sub-tidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, turtles, birds etc. as also the productivity. The data collection and impact assessment shall be as per standards survey methods and include underwater photography.
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PPs Submission: Being Complied Noted, Shall be Complied Marine ecology study as a part of Marine Biodiversity Study will be carried out by NIO through concessionaire regularly at recommended frequency by NIO	Date: 20/11/2025
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42	Marine/Coastal	Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components including all micro, macro and mega floral and faunal components of marine biodiversity.
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PPs Submission: Being Complied Noted, Shall be Complied Marine ecology study as a part of Marine Biodiversity Study will be carried out by NIO through concessionaire regularly at recommended frequency by NIO	Date: 20/11/2025
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43	Marine/Coastal	The project proponent shall ensure that water traffic does not impact the aquatic wildlife sanctuaries that fall along the stretch of the river.
44	Human Health Environment	The work space shall be maintained as per international standards for occupational health and safety with provision of fresh air respirators, blowers, and fans to prevent any accumulation and inhalation of undesirable levels of pollutants including VOCs.

PPs Submission: Being Complied Noted, Shall be Complied	Date: 20/11/2025
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45	Human Health Environment	Workers shall be strictly enforced to wear personal protective equipments like dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.
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PPs Submission: Being Complied Noted, Being Complied All employees are provided with relevant Personal Protective Equipment (PPEs) like Helmets, Shoes, Fluorescent Reflective Jackets, etc. during Construction Phase.	Date: 20/11/2025
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46	WASTE MANAGEMENT	In case of repair of any old vessels, excessive care shall be taken while handling Asbestos and Freon gas. Besides, fully enclosed covering should be provided for the temporary storage of asbestos materials at site before disposal to CTSDF.
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PPs Submission: Being Complied Noted Shall be Complied	Date: 20/11/2025
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47	Human Health Environment	Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.
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<p>PPs Submission: Being Complied Noted Being Complied Regular safety trainings / awareness program are conducted to all workers, employees and other staff at construction site.</p>			Date: 20/11/2025
48	Risk Mitigation and Disaster Management	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	
<p>PPs Submission: Being Complied Noted, Shall be Complied , in preparation</p>			Date: 20/11/2025
49	Human Health Environment	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	
<p>PPs Submission: Being Complied Not Applicable Due to space constraints within the project site there are no temporary housing planned for labourers. It will be ensured that construction workers who are staying outside in the contractor rented houses/apartments are provided with necessary infrastructure facilities.</p>			Date: 20/11/2025
50	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis.	
<p>PPs Submission: Being Complied Noted, Shall be Complied</p>			Date: 20/11/2025
51	MISCELLANEOUS	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEFCC as a part of six-monthly report.	
<p>PPs Submission: Being Complied Noted</p>			Date: 20/11/2025
52	Corporate Environmental Responsibility	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	
<p>PPs Submission: Being Complied General Manager, Environment from the Project proponent VISL has been designated for supervision of the stipulated Environment, Health and Safety (EHS) safeguards. AVPPL has also appointed competent and qualified professional team for the effective implementation of EHS safeguards and CSR activities. In addition to the above, an Environmental Expert of the independent engineer and safety consultants have been appointed as per concession agreement signed between GoK and AVPPL. It is also ensured that contractors executing the work also deploy qualified and competent EHS personnel for effective implementation of EHS measures. Organizational Structure for EHS and CSR is enclosed</p>			Date: 20/11/2025

53	Corporate Environmental Responsibility	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
PPs Submission: Being Complied Noted Shall be Complied		Date: 20/11/2025
54	MISCELLANEOUS	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
PPs Submission: Complied Noted, Shall be Complied		Date: 20/11/2025
55	Statutory compliance	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.
PPs Submission: Complied Complied Newspaper advertisements that the project had been accorded EC along with other relevant details were published in two local newspapers (Mathrubhumi Malayalam and Times of India English) on 15.03.2025. (Copies of the newspaper clippings were enclosed as part of HYCR for the period October 2024 to March 2025) Copy of the EC is available on VISL website at https://vizhinjampot.in/environmental-clearance/ . The same is also uploaded on Adani Ports and Special Economic Zone (APSEZ) website at https://www.adaniports.com/Downloads .		Date: 20/11/2025
56	Statutory compliance	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
PPs Submission: Complied A copy of the EC was submitted to the relevant Grama Panchayaths, Thiruvananthapuram Corporation, Kerala State Pollution Control Board, and other concerned agencies vide letter No. VISL/45/2025-GM1(E)/1115 dated 21.03.2025. (A copy of the letter is enclosed as part of HYCR for the period October 2024 to March 2025). It is understood that these agencies have displayed the EC in their respective offices.		Date: 20/11/2025
57	Statutory compliance	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
PPs Submission: Being Complied Being Complied Copy of the Half Yearly EC compliance status is available on VISL website at https://vizhinjampot.in/environmental-clearance/ . The same is also uploaded on Adani Ports and Special Economic Zone (APSEZ) website at https://www.adaniports.com/Downloads .		Date: 20/11/2025
58	Statutory compliance	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions

		on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
PPs Submission: Being Complied Being complied		Date: 20/11/2025
59	Statutory compliance	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
PPs Submission: Being Complied Noted Shall be Complied The project is in construction phase. The same shall be complied post commissioning during operational phase. However the the form 5 for the first Phase is attached		Date: 20/11/2025
60	AIR QUALITY MONITORING AND PRESERVATION	The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels) 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.
PPs Submission: Being Complied In consultation with KSPCB, Concessionaire have established a CAAQMS (Continuous Ambient Air Quality Monitoring Station) at the port project site. The data transmission of the CAAQMS is connected to the servers of KSPCB. A display board for the same has been installed and placed next to the CAAQMS where the Ambient Air Quality parameter values are visible to the public from the port entry gates.		Date: 20/11/2025
61	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
PPs Submission: Being Complied An environmental safe guard letter has been obtained from the KSPCB in lieu of CTE copy attached. As per the OM dated 14th Jan 2025 the six monthly compliance report as submitted by the concessionaire is attached herewith.		Date: 24/11/2025
62	Statutory compliance	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
PPs Submission: Being Complied Noted Shall be Complied		Date: 20/11/2025
63	Statutory compliance	No further expansion or modifications in the project shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).
PPs Submission: Agreed to Comply Noted		Date: 20/11/2025
64	Statutory compliance	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
PPs Submission: Being Complied Noted		Date: 20/11/2025

65	Statutory compliance	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory 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.
PPs Submission: Agreed to Comply Noted		Date: 20/11/2025
66	Statutory compliance	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
PPs Submission: Agreed to Comply Noted		Date: 20/11/2025
67	Statutory compliance	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
PPs Submission: Agreed to Comply Noted and shall be complied		Date: 20/11/2025
68	Statutory compliance	The above conditions shall be enforced, inter-alia 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, 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 Honorable Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
PPs Submission: Being Complied Noted and shall be complied		Date: 20/11/2025
69	Statutory compliance	Any appeal against this EC 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.
PPs Submission: Being Complied Noted		Date: 20/11/2025
70	Risk Mitigation and Disaster Management	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
PPs Submission: Being Complied Noted , Shall be Complied		Date: 25/11/2025

Visit Remarks

Last Site Visit Report Date:	N/A
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Additional Remarks:

Works of master plan development are being continuing with Phase I which is already in operation.

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.