



Vizhinjam International Seaport Ltd

(A Government of Kerala Undertaking)

24.11.2025

Name of the Project	EC Amendment Rail Connectivity (Tunnel) to Vizhinjam Port	
EC ID Number	EC24A033KL158955 date of issue 17-07-2024	Compliance period
Name of Company	VIZHINJAM INTERNATIONAL SEAPORT LIMITED	01-Apr-25 to 30-Sep-25
Name of Document	Half yearly Compliance Report	
SI Number	Compliance Condition (Specific)	Compliance Status for the Period
i	Construction activity shall be carried out strictly according to the provisions of the CRZ Notification, 2011. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Will be complied up on starting the physical works on ground, CRZ notification 2019 is in force now.
ii	All the recommendations and conditions specified by the Kerala State Coastal Zone Management Authority (KCZMA) vide letter No 1540/A2/2022/KCZMA dated 01.08.2022 shall be complied with	Will be complied up on starting the physical works on ground
iii	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Land acquisition is in progress once finished, will be applied as applicable according to the MOEF CC circulars and OMs.
iv	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 report.	Will be complied up on starting the physical works on ground
v	All the recommendations made by the Ground Subsidence Prediction studies conducted by the CSIR-Central Institute of Mining and Fuel Research (CSIR-CIMFR) shall be implemented and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliance for individual recommendations made in CSIR-CMFIR study report.	Will be complied
vi	All the recommendations made by the Blasting Impact Assessment study (Report Annexed) conducted by the CSIR-Central Institute of Mining and Fuel Research (CSIR-CIMFR) shall be implemented in letter and spirit and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliance for individual recommendations made in CSIR-CMFIR study report.	Will be complied
vii	All the recommendations made by the CSIR-CIMFR (Report Annexed) for impact of Train Traffic Movement and Prediction of train induced vibrations while train movement through the proposed underground tunnel route between Vizhinjam and Balarampuram shall be implemented in letter and spirit and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliance for individual recommendations made in CSIR-CMFIR study report.	Will be complied
viii	All the recommendations made in the report of Impact of Train Traffic Movement performed by CSIR-CIMFR (Report Annexed) shall be implemented in letter and spirit and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliances for individual recommendations made in CSIR-CMFIR study report.	Will be complied

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ix	All the recommendations made in the report of Hydrogeological and Geohydrological Studies conducted by the Ground Water Department, Government of Kerala (Report Annexed) shall be implemented in letter and spirit and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliance for individual recommendations made in report of Hydrogeological and Geohydrological Studies conducted by the Ground Water Department, Government of Kerala.	Will be complied
x	All the recommendations made in the report of Geological and Geomorphological Features in and around the proposed New Rail route for the Vizhinjam International Deepwater Multipurpose Sea Port carried out by the Centre for Management Development, Thiruvananthapuram shall be implemented and the status of compliance report shall be submitted along with the six monthly report.	Will be complied
xi	All the recommendations made in the report of Study on Risk Assessment due to flood in the proposed Railway tunnel alignment from Vizhinjam Port to Balarampuram conducted by the Department of Civil Engineering, College of Engineering, Trivandrum shall be implemented and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliances for individual recommendations made in study report.	Will be complied
xii	Subsidence movement on the surface; over and around the working area shall be monitored regularly by CSIR-CIMFR during the construction operation. Further, monitoring of the impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings should also be continued till movement ceases completely. Appropriate effective corrective measures shall be taken in case of observation of any high rate of subsidence movement, to avoid loss of life and materials. Cracks should be effectively plugged with ballast and clay soil/suitable materials.	Will be complied
xiii	PP shall pay more attention for the locations of BH4, BH5, BH6, and BH8 and continuous monitoring shall be carried by the CSIR-CIMFER.	Will be complied
xiv	In general, fresh air to be supplied to all underground work areas in sufficient amounts to prevent any dangerous or harmful accumulation of dusts, fumes, mists, vapours, or gases. A minimum of 200 cubic feet of fresh air per minute to be supplied for each employee underground. Mechanical ventilation, with reversible airflow, to be provided in all of these work areas, except where natural ventilation is demonstrably sufficient.	Will be complied
xv	Where blasting or drilling is performed or other types of work operations that may cause harmful amounts of dust, fumes, vapours, etc., the velocity of airflow must be maintained as per the guidelines	Will be complied
xvi	For gaseous or potentially gaseous operations, ventilation systems must meet additional requirements.	Will be complied
xvii	Adequate lighting shall be provided at the face and at any other point where work is in progress, at equipment installations, such as pumps, fans and transformers.	Will be complied
xviii	Where workers are liable to be injured by falling or sliding material from the roof, face or wall of the tunnel, suitable measures (as per design) such as shotcreting, rock bolting or other appropriate measures should be taken to ensure the safety of the workers.	Will be complied
xix	All supports including steel supports, lagging, backfill concrete, shotcreting, rock bolts etc. should be designed and installed appropriately to ensure the stability of the excavated areas	Will be complied

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xx	If water is anticipated, exploratory probing or drilling ahead of the face should be carried out to confirm the quantity, the quality and the pressure. Measures shall be put in place for the evacuation of workers in case of sudden flooding.	Will be complied
xxi	To avoid flooding, especially in downward sloping tunnels, pumps with adequate reserve capacity should be provided and so arranged that if flooding occurs they will not be put out of action.	Will be complied
xxii	Water should be removed from the working area either by open drains or by pumps and pipes. Intermediate holding tanks and pumping stations should be set up where water has to be pumped over large distances	Will be complied
xxiii	Contingency planning should ensure that essential equipment and personnel for major emergencies (for example rescue equipment, firefighting equipment, suitable breathing apparatus, stretchers, temporary lighting etc.) shall be placed on site.	Will be complied
xxiv	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	Will be complied
xxv	All other terms and conditions mentioned in the EC and CRZ clearance vide letter no 11-122/2011- IA.III dated 03rd January, 2014 shall remain unchanged	Will be complied, viz-as-viz applicable.

Chief Executive Officer

Vizhinjam International Seaport Limited
(Government of Kerala Undertaking)

24.11.2025

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

Acknowledgement

Proposal Name	EC Amendment Rail Connectivity (Tunnel) to Vizhinjam Port
Name of Entity / Corporate Office	Vizhinjam International Seaport Limited
Village(s)	KALLIYUR
District	THIRUVANANTHAPURAM
Proposal No.	IA/KL/INFRA1/420053/2023
Plot / Survey / Khasra No.	N/A
State	KERALA
MoEF File No.	11-122/2010-1A.III
Category	INFRA-1
Sub-District	Thiruvananthapuram
Entity's PAN	*****EQUIRED
Entity name as per PAN	VIZHINJAM INTERNATIONAL SEAPORT LIMITED

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	Works are yet to be started on ground, However the current status is furnished on every items of compliance
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office	Vizhinjam International Seaport Limited	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	6.655	0.983
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	6.655	0.983

Production Capacity

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

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Marine/Coastal	Construction activity shall be carried out strictly according to the provisions of the CRZ Notification, 2011. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
	PPs Submission: Agreed to Comply Will be complied up on starting the physical works on ground, CRZ notification 2019 is in force now.	Date: 15/11/2025
2	Marine/Coastal	All the recommendations and conditions specified by the Kerala State Coastal Zone Management Authority (KCZMA) vide letter No 1540/A2/2022/KCZMA dated 01.08.2022 shall be complied with
	PPs Submission: Agreed to Comply Will be complied up on starting the physical works on ground	Date: 15/11/2025
3	Statutory compliance	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
	PPs Submission: Agreed to Comply Land acquisition is in progress once finished, will be applied as applicable according to the MOEF CC circulars and OMAs.	Date: 15/11/2025
4	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 report.
	PPs Submission: Agreed to Comply Will be complied up on starting the physical works on ground	Date: 15/11/2025
5	MISCELLANEOUS	All the recommendations made by the Ground Subsidence Prediction studies conducted by the CSIR-Central Institute of Mining and Fuel Research (CSIR-CIMFR) shall be implemented and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliance for individual recommendations made in CSIR-CMFIR study report.
	PPs Submission: Agreed to Comply will be complied	Date: 15/11/2025
6	MISCELLANEOUS	All the recommendations made by the Blasting Impact Assessment study (Report Annexed) conducted by the CSIR-Central Institute of Mining and Fuel Research (CSIR-CIMFR) shall be implemented in letter and spirit and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliance for individual recommendations made in CSIR-CMFIR study report.
	PPs Submission: Agreed to Comply Will be complied	Date: 15/11/2025
7	MISCELLANEOUS	All the recommendations made by the CSIR-CIMFR (Report Annexed) for impact of Train Traffic Movement and Prediction of

		train induced vibrations while train movement through the proposed underground tunnel route between Vizhinjam and Balarampuram shall be implemented in letter and spirit and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliance for individual recommendations made in CSIR-CMFIR study report.
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10	MISCELLANEOUS	All the recommendations made in the report of Geological and Geomorphological Features in and around the proposed New Rail route for the Vizhinjam International Deepwater Multipurpose Sea Port carried out by the Centre for Management Development, Thiruvananthapuram shall be implemented and the status of compliance report shall be submitted along with the six monthly report.
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11	MISCELLANEOUS	All the recommendations made in the report of Study on Risk Assessment due to flood in the proposed Railway tunnel alignment from Vizhinjam Port to Balarampuram conducted by the Department of Civil Engineering, College of Engineering, Trivandrum shall be implemented and the status of compliance report shall be submitted along with the six monthly report. Compliance report shall specify the compliances for individual recommendations made in study report.
	PPs Submission: Agreed to Comply Will be complied	Date: 15/11/2025
12	MISCELLANEOUS	Subsidence movement on the surface; over and around the working

		area shall be monitored regularly by CSIR-CIMFR during the construction operation. Further, monitoring of the impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings should also be continued till movement ceases completely. Appropriate effective corrective measures shall be taken in case of observation of any high rate of subsidence movement, to avoid loss of life and materials. Cracks should be effectively plugged with ballast and clay soil/suitable materials.
	PPs Submission: Agreed to Comply Will be complied	Date: 15/11/2025
13	MISCELLANEOUS	PP shall pay more attention for the locations of BH4, BH5, BH6, and BH8 and continuous monitoring shall be carried by the CSIR-CIMFER.
	PPs Submission: Agreed to Comply Will be complied	Date: 15/11/2025
14	MISCELLANEOUS	In general, fresh air to be supplied to all underground work areas in sufficient amounts to prevent any dangerous or harmful accumulation of dusts, fumes, mists, vapours, or gases. A minimum of 200 cubic feet of fresh air per minute to be supplied for each employee underground. Mechanical ventilation, with reversible airflow, to be provided in all of these work areas, except where natural ventilation is demonstrably sufficient.
	PPs Submission: Agreed to Comply Will be complied	Date: 15/11/2025
15	MISCELLANEOUS	Where blasting or drilling is performed or other types of work operations that may cause harmful amounts of dust, fumes, vapours, etc., the velocity of airflow must be maintained as per the guidelines
	PPs Submission: Agreed to Comply Will be complied	Date: 15/11/2025
16	MISCELLANEOUS	For gaseous or potentially gaseous operations, ventilation systems must meet additional requirements.
	PPs Submission: Agreed to Comply Will be complied	Date: 15/11/2025
17	MISCELLANEOUS	Adequate lighting shall be provided at the face and at any other point where work is in progress, at equipment installations, such as pumps, fans and transformers.
	PPs Submission: Agreed to Comply Will be complied	Date: 15/11/2025
18	MISCELLANEOUS	Where workers are liable to be injured by falling or sliding material from the roof, face or wall of the tunnel, suitable measures (as per design) such as shotcreting, rock bolting or other appropriate measures should be taken to ensure the safety of the workers.
	PPs Submission: Agreed to Comply	Date:

Will be complied		15/11/2025
19	MISCELLANEOUS	All supports including steel supports, lagging, backfill concrete, shotcreting, rock bolts etc. should be designed and installed appropriately to ensure the stability of the excavated areas
PPs Submission: Agreed to Comply Will be complied		Date: 15/11/2025
20	MISCELLANEOUS	If water is anticipated, exploratory probing or drilling ahead of the face should be carried out to confirm the quantity, the quality and the pressure. Measures shall be put in place for the evacuation of workers in case of sudden flooding.
PPs Submission: Agreed to Comply Will be complied		Date: 15/11/2025
21	MISCELLANEOUS	To avoid flooding, especially in downward sloping tunnels, pumps with adequate reserve capacity should be provided and so arranged that if flooding occurs they will not be put out of action.
PPs Submission: Agreed to Comply Will be complied		Date: 15/11/2025
22	MISCELLANEOUS	Water should be removed from the working area either by open drains or by pumps and pipes. Intermediate holding tanks and pumping stations should be set up where water has to be pumped over large distances
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PPs Submission: Agreed to Comply Will be complied		Date: 15/11/2025
24	MISCELLANEOUS	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
PPs Submission: Agreed to Comply Will be complied		Date: 15/11/2025
25	MISCELLANEOUS	All other terms and conditions mentioned in the EC and CRZ clearance vide letter no 11-122/2011- IA.III dated 03rd January, 2014 shall remain unchanged
PPs Submission: Agreed to Comply Will be complied, viz-as-viz applicable.		Date:

Visit Remarks

Last Site Visit Report Date:	N/A
Additional Remarks:	EC obtained. Land acquisition in Progress. Konkan Rail Corporation is the agency for implementing the tunnel. DPR approved by the Southern Railway. Tender Documents in final stage . Works are yet to be started on ground, However the current status is furnished on every item of compliance.

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.

