

Ref: ECPL/BD/MoEFCC/2021/011

Date: 6th May, 2021

The Regional Officer

Regional Office South-Eastern Zone (SEZ)
Ministry of Environment, Forest and Climate Change,
34, Cathedral Garden Road,
Nungambakkam,
Chennai – 34
E-Mail: ro.moefccc@gov.in

Sub: Submission of Six monthly report on the status of compliance of the stipulated clearance conditions accorded to LNG Storage and Re-gasification Terminal at Kakinada, Andhra Pradesh.

Ref: F. No. 10-30/2016-IA-III dated 18th June, 2019 for Development of LNG Facility at Kakinada Deep Water Port (KDWP) by East Coast Concessions Private Limited.

Dear Sir,

This is with reference to the Environment Clearance accorded to the East Coast Concessions Private Limited (ECPL) for Development of LNG Facility at Kakinada Deep Water Port (KDWP), Kakinada, Andhra Pradesh.

In this regard, please find enclosed herewith Annexure-1 comprising the status of compliance of the stipulated Environment and CRZ Clearance conditions of above referred Environment Clearance granted to ECPL for the period from 1st October, 2020 to 31st March, 2021. We further would like to inform you that the construction of above Project is yet to start as the EC amendment application of the aforementioned EC&CRZ Clearance submitted on 18th October 2019 is still under process.

We look forward to your kind co-operation and support in above project. We would be happy to provide necessary information, if you require any further clarifications.

Thanking you,
Yours faithfully,
For East Coast Concessions Private Limited



Sushanta Roy
Project Director

Encl: As stated above

Cc:

1. The Regional Director, CPCB, Regional Directorate, Bengaluru
2. The Member Secretary, APPCB

East Coast Concessions Private Limited

CIN: U60300MH2018PTC312426

Regd Office: 514, Dalamal Towers, Nariman Point, Mumbai -400021, India

Corporate office: 12th Floor, Knowledge Park, Hiranandani Business Park, Powai, Mumbai – 400 076, India

Delhi Office: GF 19A-23, Narain Manzil, Barakhamba Road, Connaught Place, New Delhi 110001

T +91 22 25715100/5200 W www.henergy.com

ANNEXURE-1

F. No. 10-30/2016-IA-III dated 18 th June, 2019 for Development of LNG Facility at Kakinada Deep Water Port (KDWP)		
S. N.	COMPLIANCE CONDITIONS	STATUS
PART A: SPECIFIC CONDITIONS		
1.	Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	The condition is Noted, and all the stipulations made under the CRZ Notification, 2011 shall be strictly adhered to during the construction and operation of the project.
2.	All the recommendations and conditions specified by Andhra Pradesh Coastal Zone Management Authority (APCZMA) vide letter No. 34/APCZMA/2017 dated 20.03.2017 shall be complied with.	All the recommendations and conditions specified in the "No Objection Certificate" given by APCZMA vide Letter No. 34/APCZMA/2017 dated 20.03.2017 shall be strictly complied with. Please find compliance report as Annexure-2 .
3.	Prior clearance from NBWL shall be obtained in respect of protected area.	The condition is noted and shall be complied with prior to start construction at project site.
4.	The project proponent shall ensure that the project is in consonance with the new CZMP prepared by the State Government under the provisions of the CRZ Notification, 2011.	The condition is noted and shall be complied with.
5.	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.	The project site is not located in any creek or river. It shall be ensured that flow of water shall not be blocked due to the project.
6.	Dredging shall not be carried out during the fish breeding season.	The condition is Noted and shall be complied with during the Construction and Operation phase.
7.	Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment.	The condition is Noted and shall be complied with during the Construction and Operation phase.
8.	Dredged material shall be disposed safely in the designated areas.	The condition is Noted and shall be complied with during the Construction and Operation phase.
9.	Shoreline should not be disturbed due to dumping. <ul style="list-style-type: none"> • 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. 	The condition is Noted and shall be complied with during the Construction and Operation phase. ECPL shall ensure that Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation measures carried out, if necessary.
10.	The ground water shall not be tapped within the CRZ areas by the PP to meet with the water requirement in any case.	The condition is Noted and shall be complied with during the Construction and Operation

F. No. 10-30/2016-IA-III dated 18th June, 2019 for Development of LNG Facility at Kakinada Deep Water Port (KDWP)

S. N.	COMPLIANCE CONDITIONS	STATUS
		phase.
11.	The commitments made during the Public Hearing and recorded in the Minutes shall be complied with letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.	All responses / commitments made during public hearing shall be complied with in letter and in spirit. CER activities shall be planned as per the prevailing rule & regulations and in consultation with the State Government Authorities.
12.	While carrying out dredging, an independent monitoring shall be carried out by Government Agency / Institute to check the impact and necessary measures shall be taken on priority basis if any adverse impact is observed	The condition is Noted and shall be complied with during the Construction and Operation phase.
13.	Based on the Marine Biodiversity Study done by East Godavari Estuarine Ecosystem (EGREE) Foundation, Kakinada as submitted with EIA/EMP report, a detailed marine biodiversity management plan shall be prepared on marine, brackish water and fresh water ecology and biodiversity and implemented. <ul style="list-style-type: none"> 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, subtidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, reptiles, turtles, birds etc. as also the productivity. The data collection and impact assessment shall be as per standard survey methods. 	The condition is Noted and shall be complied with. A detailed marine biodiversity management plan shall be prepared on marine, brackish water and fresh water ecology and biodiversity and implemented accordingly.
14.	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 as part of the management plan. <ul style="list-style-type: none"> Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity. 	The condition is Noted and shall be complied with during the Construction and Operation phase.
15.	Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. <ul style="list-style-type: none"> This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage. 	The condition is Noted and shall be complied with during the Construction and Operation phase.
16.	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that	The condition is Noted and shall be complied with during the Construction and Operation

F. No. 10-30/2016-IA-III dated 18 th June, 2019 for Development of LNG Facility at Kakinada Deep Water Port (KDWP)		
S. N.	COMPLIANCE CONDITIONS	STATUS
	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.	phase.
17.	All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.	All the recommendations of the EIA/EMP, rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.
18.	Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.	The condition is Noted and shall be complied with.
19.	The Queries and comments raised by the participants during the Public hearing to the project held on 17 th December, 2016 will be suitably documented in the form of a management plan drawn up to address to the expressed concerns specially those related to <ul style="list-style-type: none"> • inundation of coast line due to dredging during the 7th berth construction • training and skill development for local youth • LNG leakages and fires • spillages of LNG • Accident risk mitigation for fishermen due to LNG leakages • fishermen interests including safety of nets due to ship movements • impacts of fishing activities near Hope Island • turtle hatcheries • drinking water • electricity and • Education and training facilities at Hope Island. 	All responses / commitments made during public hearing shall be complied with in letter and spirit.
20.	Pre medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.	The condition is Noted and shall be complied with.
21.	All the mitigation measures submitted in the EIA report shall be prepared in a matrix format <ul style="list-style-type: none"> • The compliance for each mitigation plan shall be submitted to the RO, MoEF &CC along with half yearly compliance report. 	All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO, MoEF &CC along with half yearly compliance report during construction and operational phase.
22.	As per the Ministry's Office Memorandum F.No.22-65/2017-IA.III dated 1 st May 2018, the project proponent shall prepare and implement Corporate Environment	The condition is Noted and shall be complied with. CER activities shall be planned as per the prevailing rule & regulations and in consultation

F. No. 10-30/2016-IA-III dated 18 th June, 2019 for Development of LNG Facility at Kakinada Deep Water Port (KDWP)		
S. N.	COMPLIANCE CONDITIONS	STATUS
	Responsibility (CER) Plan.	with the State Government Authorities.
PART B: GENERAL CONDITIONS		
1.	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	The condition is Noted and, shall be complied with during the Construction phase.
2.	Full support shall be extended to the officers of this Ministry/ Regional Office at Chennai by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	The condition is noted and shall be complied with.
3.	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Chennai regarding the implementation of the stipulated conditions.	The condition is noted and shall be complied with. Six-monthly monitoring reports shall be submitted as per the applicable deadlines.
4.	Ministry of Environment, Forest and 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.	The condition is Noted
5.	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	The condition is Noted
6.	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest and Climate Change.	The condition is noted.
7.	The project proponents shall inform the Regional Office as well as the Ministry, <ul style="list-style-type: none"> • the date of financial closure • final approval of the project by the concerned authorities and • The date of start of land development work. 	The condition is noted and shall be complied with.
8.	A copy of the clearance letter shall be marked to concerned Panchayat /local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.	This project was being undertaken up by GMR Holdings Private Limited initially for which EC & CRZ Clearance (EC) were granted by MoEF &CC vide letter no. F. No. 10-30/2016-IA-III on 7 th March, 2019 and the transfer of the EC and CRZ Clearance to ECPL was granted by the MoEF &CC vide Letter No. F. No. 10-30/2016-IA-III dated 18 th June, 2019. After careful evaluation of the

F. No. 10-30/2016-IA-III dated 18th June, 2019 for Development of LNG Facility at Kakinada Deep Water Port (KDWP)

S. N.	COMPLIANCE CONDITIONS	STATUS
		technical aspects of the project proposed by GMR Enterprises Private Limited, ECPL has submitted a proposal to MoEF&CC in Form-4 vide Proposal No. IA/AP/MIS/122127/2019 dated 18.10.2019 seeking certain minor amendments in the EC & CRZ. The application is still under process and the condition shall be complied with after receiving the Amended EC & CRZ clearance.
9.	A copy of this clearance letter shall also be displayed on the website of the concerned 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.	This condition is noted.
10.	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 proponents from the respective competent authorities.	The condition is Noted and all other statutory clearances shall be obtained from the concerned competent authorities before commencing any construction activity.
11.	<p>The project proponent shall 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 Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in</p> <ul style="list-style-type: none"> 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 Regional office of this Ministry at Chennai. 	This project was being undertaken up by GMR Holdings Private Limited initially for which EC & CRZ Clearance (EC) were granted by MoEF&CC vide letter no. F. No. 10-30/2016-IA-III on 7 th March, 2019 and the transfer of the EC and CRZ Clearance to ECPL was granted by the MoEF&CC vide Letter No. F. No. 10-30/2016-IA-III dated 18 th June, 2019. After careful evaluation of the technical aspects of the project proposed by GMR Enterprises Private Limited, ECPL has submitted a proposal to MoEF &CC in Form-4 vide Proposal No. IA/AP/MIS/122127/2019 dated 18.10.2019 seeking certain minor amendments in the EC & CRZ. The application is still under process and the condition shall be complied with after receiving the Amended EC& CRZ clearance.
12.	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.	The condition is Noted
13.	Any appeal against this clearance shall lie with the National	The condition is Noted

F. No. 10-30/2016-IA-III dated 18th June, 2019 for Development of LNG Facility at Kakinada Deep Water Port (KDWP)

S. N.	COMPLIANCE CONDITIONS	STATUS
	Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	
14.	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	The condition is noted and shall be complied with. The condition is being followed by us as per stipulated timelines.
15.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. <ul style="list-style-type: none"> The clearance letter shall also be put on the website of the company by the proponent. 	This project was being undertaken up by GMR Holdings Private Limited initially for which EC & CRZ Clearance (EC) were granted by MoEF &CC vide letter no. F. No. 10-30/2016-IA-III on 7 th March, 2019 and the transfer of the EC and CRZ Clearance to ECPL was granted by the MoEF &CC vide Letter No. F. No. 10-30/2016-IA-III dated 18 th June, 2019. After careful evaluation of the technical aspects of the project proposed by GMR Enterprises Private Limited, ECPL has submitted a proposal to MoEF &CC in Form-4 vide Proposal No. IA/AP/MIS/122127/2019 dated 18.10.2019 seeking certain minor amendments in the EC & CRZ. The application is still under process and the condition shall be complied with after receiving the Amended EC & CRZ. However, copy of the EC transfer Certificated has already been webhosted on our company's website.
16.	The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. <ul style="list-style-type: none"> It shall simultaneously be sent to the Regional Office of MoEF &CC, the respective Zonal Office of CPCB and the SPCB. 	The condition is noted and shall be complied with. The periodic status of compliance of the stipulated Clearance conditions has been webhosted on our company's website. However, the condition is being followed by us as per stipulated timelines.
17.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF &CC, the respective Zonal Office of CPCB and the SPCB.	The condition is noted and shall be complied with. However, the condition is being followed by us as per stipulated timelines.
18.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control	The condition is noted and shall be complied with during construction and operation phase.

F. No. 10-30/2016-IA-III dated 18th June, 2019 for Development of LNG Facility at Kakinada Deep Water Port (KDWP)

S. N.	COMPLIANCE CONDITIONS	STATUS
	<p>Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently,</p> <ul style="list-style-type: none"> • shall also be put on the website of the company along with the status of compliance of Clearance conditions and • shall also be sent to the respective Regional Office of MoEF &CC by e-mail. 	
19.	<p>The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.</p>	The condition is noted.

ANNEXURE-2

“NO OBJECTION CERTIFICATE” GIVEN BY APCZMA VIDE LETTER NO. 34/APCZMA/2017 DATED 20.03.2017		
S.N	APCZMA CONDITIONS	STATUS
1	The proposed shall conform to the norms prescribed in CRZ Notification issued by the Ministry of Environment and Forests, Government of India S.O. No. 19(E), dated 06-01-2011.	The condition is noted and shall be complied with.
2	No activity on ground shall be undertaken without obtaining Environmental Clearance from the Ministry of Environment and Forests Government of India S.O. No. 19(E), dated 06-01-2011.	The condition is noted and shall be complied with.
3	Continuous sound monitoring to study the impact of vibrations on marine fauna shall be submitted to the APCZMA/APPCB for the evaluation.	The condition is noted and shall be complied with.
4	Study on marine bio-diversity by engaging a reputed organization/university having proven expertise in the relevant field. Internationally acceptable protocols shall be followed, while dealing with marine biological aspects during post-project monitoring of coastal waters.	The condition is Noted and shall be complied with.
5	Ensure continuous monitoring of the sea water around the area of activity to assess the extent of impact on the surrounding water zone and corresponding impact on marine flora and fauna. Similarly, regular monitoring of treated waste water discharged into the sea shall be conducted to study the impact on marine organism. The monitoring of Port waters shall be entrusted to an independent agency like Andhra University and other accredited institutions in addition to in-house monitoring. Regular reports shall be submitted to the regulating agencies on the status of environment.	The condition is Noted and shall be complied with during the Construction and Operation phase.
6	Ensure continuous monitoring of waves, currents and sediment transport along the coastal area and monitor changes so that there will not be any effect on the Godavari spit (now called as Hope Island), which has a global significance.	The condition is Noted and shall be complied with during the Construction and Operation phase.
7	No constructions other than the operational purpose of the LNG Terminal are permitted in the operational area. No buds or civil constructions shall be taken up, other than permitted under CRZ Notification, 2011	The condition is Noted and shall be complied with during the Construction and Operation phase.
8	Minimum disturbance to the coastal geo-morphological features and other vegetation due to establishment of corridor of the proposed pipelines to transport condensate and gas, transport of raw water.	The condition is Noted and shall be complied with during the Construction and Operation phase.
9	Additional Marker Buoys and light indicators shall be established to avoid any possible accidents.	The condition is Noted and shall be complied with during the Construction and Operation phase.
10	Large-scale afforestation measures shall be undertaken in surrounding areas and barren lands devoid of tree growth in the surrounding areas.	The condition is Noted and shall be complied with during the Construction and Operation phase.
11	The industry shall install automated leak detection and control system for prevention leaks and Cathodic protection for control of corrosion before commissioning the pipelines and other equipment.	The condition is Noted and shall be complied with during the Construction and Operation phase.

“NO OBJECTION CERTIFICATE” GIVEN BY APCZMA VIDE LETTER NO. 34/APCZMA/2017 DATED 20.03.2017		
S.N	APCZMA CONDITIONS	STATUS
12	All safety measures shall be incorporated to avoid any possible accidents due to structural failures and adequate safety measures shall be provided to prevent blow outs of Natural Gas.	The condition is Noted and shall be complied with during the Construction and Operation phase.
13	Fish Tissue analysis of local Fish species shall be conducted to evaluate the bio-accumulation of heavy metals.	The condition is Noted and shall be complied with during the Construction and Operation phase.
14	Bio-assay analysis shall be conducted periodically to establish the toxicity levels.	The condition is Noted and shall be complied with during the Construction and Operation phase.
15	The conditions stipulated in Petroleum and Natural Gas (safety in Offshore Operations) Rule, 2008 shall be followed scrupulously.	The condition is Noted and shall be complied with during the Construction and Operation phase.
16	The industry shall take action fulfill the promises related to the fulfillment of promises made during public hearing. The industry shall give preference to the locals in respect of employment	The condition is Noted and shall be complied with during the Construction and Operation phase.
17	The industry shall extend necessary assistance to the Forest and Wildlife Sanctuary, which is an Ecologically Sensitive Area.	The condition is Noted and shall be complied with during the Construction and Operation phase.
18	Full Cooperation shall be extended to all inspecting authorities / organizations such as APPCB, MoEF&CC and local Environment Protection Organizations.	The condition is Noted and shall be complied with during the Construction and Operation phase.