

Ref: BCPL/MoEFCC/2020/03

Date: 28th October, 2020

The Regional Officer

Ministry of Environment, Forest and Climate Change,
Regional Office (EZ),
A/3, Chandersekharpur,
Bhubaneswar-751023
E-Mail: roez.bsr-mef@nic.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 Kukrahati, West Bengal.

Ref: F.No. J-11011/472/2017-IA-II(I) dated 6th November, 2019 for setting up LNG Storage and Regasification Terminal at Kukrahati, District East Medinipur, West Bengal by Bengal Concessions Private Limited.

Dear Sir,

This is with reference to the Environment Clearance accorded to the Bengal Concessions Private Limited (BCPL) for setting up the LNG Storage and Regasification Terminal of 5 MMTPA capacity at Kukrahati, District East Medinipur, West Bengal vide letter no. F.No. J-11011/472/2017-IA-II(I) dated 6th November, 2019.

In this regard, please find enclosed herewith Annexure-1 comprising the six monthly compliance report for the period from 1st April, 2020 to 30th September, 2020 on the status of compliance of the stipulated conditions of above referred environment clearances granted to the BCPL. We would like to inform you that the construction of above Project is yet to start.

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 Bengal Concessions Private Limited,



Abhirup Bhattacharya
Director



Encl: As stated above

Cc:

1. The Regional Director, CPCB, Regional Directorate, Kolkata
2. The Member Secretary, WBPCB

Bengal Concessions Private Limited

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ANNEXURE-1

COMPLIANCE STATUS OF ENVIRONMENT CLEARANCE F.NO. J-11011/472/2017-IA-II(I) DATED 6th NOVEMBER, 2019		
SL. NO.	DESCRIPTION	COMPLIANCE STATUS
9(a)	Prior approval shall be obtained from the Petroleum & Explosives Safety Organization (PESO) for the site and Layout Plan Submitted to this Ministry along with the proposal for EC. In case of any change therein post PESO approval, the proposal shall require fresh appraisal by the sectoral EAC.	An application for Consent to Establish (CTE) has already been submitted to PESO on 04.06.2019. We shall inform the ministry as soon as we receive the CTE from PESO.
(b)	Necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from the State Pollution Control Board.	This condition is noted and shall be applied before commencing any construction activity
(c)	As already committed by the project proponent, ZERO Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	The conditions is Noted and Shall be ensured during the design and Construction phase
(d)	No fresh water shall be required for the industrial operations.	The condition is noted and shall be complied with during construction and operation phase.
(e)	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and Solid Waste management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	<ul style="list-style-type: none"> The condition shall be complied before commencing any construction activity and all the stipulations made by the State Pollution Control Board and the State Government shall be adhered to. Adequate system for collection, treatment and disposal of wastes shall be provided
(f)	During construction phase, air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.	The condition is Noted and Shall be ensured during the Construction and Operation phase.
(g)	The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines and in consultation with the State Forest Department.	The condition is Noted and shall be planned appropriately.
(h)	All the commitments made to the public during public hearing/consultation shall be satisfactorily implemented.	All responses / commitments made during public hearing shall be complied with in letter and spirit.



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(i)	At least 0.5% of the total project cost shall be allocated for the Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.	<ul style="list-style-type: none"> The condition is Noted and shall be ensured during the Construction phase A Corporate Environment Responsibility (CER) Plan for Phase-I has already been submitted to the Regional Office, Eastern Zone, MoEF&CC vide letter No. BCPL/MoEFCC/2019/37 dated 30.12.2019 A time bound Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan for Phase-II shall be prepared and submitted to the Ministry's Regional Office as soon as construction starts.
(j)	Regular monitoring of VOC and HC in the work zone area in the plant premises should be carried out and data to be submitted to Ministry's Regional Office, CPCB and State Pollution Control Board. Quarterly monitoring for fugitive emissions should be carried out as per the guidelines of CPCB and reports submitted to Ministry's Regional Office.	The condition is Noted and shall be ensured during the Construction and Operation phase.
(k)	Necessary approvals from Chief Controller of Explosives, as applicable, shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented.	<ul style="list-style-type: none"> An application for Consent to Establish (CTE) has already been submitted to PESO on 04.06.2019. We shall inform the ministry as soon as we receive the CTE from PESO. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented during the Construction and Operation phase
(l)	OISD standards for Liquefied Petroleum Gas (LPG) installations (OISD-STD-144) and Design and Safety requirements for Liquefied Petroleum Gas Mounded Storage Facility (OISD-STD-150) shall be followed.	It may kindly be noted that we shall adhere to the relevant OISD standards specified for LNG Terminal and Operation instead of Liquefied Petroleum Gas Mounded Storage Facility (OISD-STD-150). In this connection a communication had been



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		sent to Member Secretary vide Letter No. BCPL/MoEF&CC/2019/33 dated 17.07.2020.
(m)	Emergency Response Plan should be based on the guidelines prepared by OISD, DGMS and Government of India. Mock drill should be conducted once a month.	The condition is noted and shall be ensured during the Construction and Operation phase.
(n)	The Petroleum and Natural Gas Regulatory Board (Technical Standards and Specifications including Safety Standards for Retail Outlets dispensing Petroleum, Auto LPG and CNG) Regulations, 2018, shall be followed, as applicable.	It may kindly be noted that we shall adhere to the Petroleum and Natural Gas Regulatory Board (Technical Standards and Specifications including Safety Standards for Liquefied Natural Gas Facilities) Regulations, 2018 instead of PNGRB (Technical Standards and Specifications including Safety Standards for Retail Outlets dispensing Petroleum, Auto LPG and CNG) Regulations, 2018. In this connection a communication had been sent to Member Secretary vide Letter No. BCPL/MoEF&CC/2019/33 dated 17.07.2020.
(o)	Additional safety measures should be taken by using remote operated shut off valve, Double Block & Bleed Valve (DBB), impervious dyke wall and un-bonded flexible roof drain pipe, if applicable.	The condition is noted and shall be ensured during the design and Construction phase
(p)	Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	The condition is Noted and shall be ensured during the Construction and Operation phase
(q)	Road tankers should be equipped to the standard specified in the national regulations reputable code. Vehicles should be mobilized during transfer operations and equipped to prevent untimely movement. Loading/unloading bays should be protected against impact. Fire-resistant coatings shall be provided to tanks/vessels.	The condition is Noted and shall be ensured during the Construction and Operation phase
(r)	High and Low-level alarms shall be fitted to plant storage tanks which can detect overfilling. However, proper supervision shall be done every time.	The Condition is Noted and shall be ensured during the Construction and Operation phase
(s)	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	The Condition is Noted and shall be ensured during the design and Construction phase



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(t)	Water sprinkling shall be undertaken on regular basis to control the polluting particles.	The Condition is Noted and shall be ensured during the design and Construction phase
(u)	Approach road shall be made pucca to minimize generation of suspended dust.	The Condition is Noted and shall be ensured during the Construction and Operation phase
(v)	The energy sources for lighting purpose shall preferably be LED based.	The Condition is Noted and shall be ensured during the Construction and Operation phase
(w)	Emergency preparedness plan based on the Hazard identification and Risk Assessment and guidelines prepared by OISD, DGMS and Government of India. Mock drill should be conducted once in a month. Onsite and Off-site Disaster Management Plan shall be implemented.	The Condition is Noted and shall be ensured during the Construction and Operation phase
(x)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted	The Condition is Noted and shall be ensured during the Construction and Operation phase
(y)	High and low level alarms shall be fitted to plant storage tanks which can detect overfilling. However, proper supervision shall be done every time.	The Condition is Noted and shall be ensured during the Construction and Operation phase
(z)	Unit should carry out safety audit and report submitted to the Regional Office. Self-environmental audit shall be conducted annually. Every three years Third Party Environmental Audit shall be carried out.	The Condition is Noted and shall be ensured during the Construction and Operation phase
(aa)	Process Safety and Risk Assessment studies shall be further carried out using advanced models and mitigating measures shall be undertaken accordingly.	The Condition is Noted and shall be ensured during the Construction and Operation phase
9.1	The grant of Environmental Clearance is further subject to compliance of other generic conditions as under	
(i)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and/or any other statutory authority.	The Condition is Noted and shall be ensured the stipulations made by the State Pollution Control Board and the State Government and/or any other statutory authority shall be strictly adhered to.
(ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. Incase of deviations or alterations in the project proposal from those submitted to	The Condition is Noted and shall be complied with.



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	this Ministry for Clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
(iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollutions Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	The Condition is Noted and shall be ensured during the Construction and Operation phase
(iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide GSR No. 826 (E) dated 16 th November, 2009 shall be complied with.	The condition is Noted and shall be complied during the Construction and Operation phase
(v)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA(day Time) and 70 dBA (night time)	The condition is Noted and shall be complied during the Construction and Operation phase
(vi)	The Company shall harvest rainwater from the roof tops of the buildings to recharge ground water and to utilize the same for different industrial operations within plant.	The condition is Noted and shall be complied during the Construction and Operation phase
(vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre- employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.	The condition is Noted and shall be complied during the Construction and Operation phase
(viii)	The Company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.	All the recommendations of the EIA/EMP shall be complied with in letter and in spirit. All the mitigation measures submitted in the EIA report and committed during the public hearing shall be implemented
(ix)	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also, eco-developmental measures shall be undertaken for overall improvement for the environment.	All responses / commitments made during public hearing shall be complied with in letter and in spirit. CSR activities shall be planned as per the prevailing rules& regulations.
(x)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the	A separate environmental management cell for effective implementation of the

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	Environmental Management and Monitoring functions.	stipulated environmental safeguards shall be created under supervision of an experienced Person.
(xi)	The Company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	<ul style="list-style-type: none"> All the recommendations of the EIA/EMP shall be complied with in letter and in spirit. CER activities shall be planned as per the prevailing rules & regulations. The funds earmarked for environment management / pollution control measures shall not be diverted for any other purpose.
(xii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal.	The condition has already been complied. Copies of the EC clearance letter had been shared with the Kukrahati Gram Panchayet, Zilla Sabhadhipati - Zilla Parisad, District Collector and BDO Office-Sutahata on 22.11.2019. Apart from above, we had also informed to HAD (25.11.2019), WBPCB (08.11.2019), DOE-GoWB (15.11.2019), KoPT (11.11.2019), PNGRB (11.11.2019) and IWA (15.11.2019) regarding receipt of EC clearance letter.
(xiii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental 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. A copy of Environmental Clearance and Six Monthly Compliance status report shall be posted on the website of the company.	The Condition is noted and is being complied with.
(xiv)	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental Clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	The condition for submitting Form-V is Noted and shall be complied during the Construction and Operation phase



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(xv)	The project proponent shall inform the public that the project has been accorded environment clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://moef.nic.in . This shall be advertised within Seven days from the Date of Issue of the Clearance Letter, at least in two Local Newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The Advertisement had been published in two local newspapers on 16.11.2019 and same had been sent to the RO, Bhubaneswar vide letter no. BCPL/MoEFCC/2019/36 dated 25.11.2019.
10	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	The condition is noted
11	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	The condition is noted for needful compliance and implementation.
12	Any appeal against this environmental clearance shall be 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.	The condition is noted
13	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Trans- boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	The condition is noted

