F. No. J-11011/144/2016-IA-II(I)
Government of India
Ministry of Environment, Forest & Climate Change
(Impact Assessment Division)
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Indira Paryavaran Bhavan,
Vayu Wing, 3rd Floor, Aliganj,
Jor Bagh Road, New Delhi-110 003

Dated: 13th October, 2020

To

M/s Gujarat State Petronet Limited,
GSPL Bhawan, E-18, GIDC Electronics Estate,
Nr K-7 Circle, Sector 26,
Ghandhinagar-382028 (Gujarat)

Sub: Laying 36/30" Natural Gas transportation pipeline from Anjar (Kutch) to Chotila (Surendranagar) covering Approximate length of 196.14 km with associated facilities by M/s Gujarat State Petronet Limited (Gujarat) - Environmental & CRZ Clearance - reg.

Sir,

This has reference to your online proposal No. IA/GJ/IND2/53487/2016 dated 30th April, 2018 for environmental & CRZ Clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental & CRZ Clearance to the project for laying 36/30" Natural Gas transportation pipeline from Anjar (Kutch) to Chotila (Surendranagar) covering approximate length of 196.14 km with associated facilities by M/s Gujarat State Petronet Limited (Gujarat). The associated facilities include, 8 Sectionized Valve station, 1 Intermediate pigging station and 2 Dispatch Terminal /Receiving Terminal of Capacity 23.13 MMSCMD. The Gujarat Coastal Zone Management Authority (GCZMA) has submitted CRZ recommendation to the Ministry vide letter dated 4th September, 2017.

3. It is reported that Greenbelt will be developed in 33 % area out of the total area of the plot acquired for SV Stations/ IP station/Dispatch Terminal/Receiving Terminal. The estimated proposed project cost is Rs.1058.40 crores. The estimated cost earmarked towards environmental pollution control measures is approx. Rs. 200 Lakhs and the recurring cost during operation and maintenance will be about Rs. 77 lakhs per annum. The project will provide employment for 10 persons directly & 80 persons indirectly after construction.

4. The Wild Ass Ghudkhar Sanctuary is located within 10 km from the project site. The proposed pipeline of 5.675Km passes through the Wild Ass Ghudkhar Sanctuary and length of 98.368Km passes through the Eco Sensitive Zone of the Wild Ass Ghudkhar Sanctuary. The project proponent has obtained the wildlife clearance from the Standing committee of NBWL and subsequently the State Government vide letter dated 3rd April,

2018 has issued clearance under the Wildlife (Protection) Act, 1972. The Ministry's Regional Office at Bhopal vide letter dated 29th May, 2020 has issued in principal approval for diversion of 3.165 ha (Surendranagar SF 0.0600 ha+ Surendranagar T 2.3250 ha + Morbi 0.0800 ha + Kachchh SF 0.0600 ha + Kachchh E 0.06400 ha) Reserved/Protected Forest land for laying of pipeline.

5. Total average water requirement during construction phase shall be 50-60 cum/day and during operation phase only 20 cum/day for domestic purpose and for greenbelt area, the water requirement will be mostly met from Tankers.

There shall not be any effluent disposal from this project and thus conforming to Zero Liquid Discharge. The sewage generated from construction camps will be treated in septic tanks followed by soak pits.

The average power required per Station will be approx. 40 KV. The power source shall be drawn from nearest local State Electricity Board. 50 kVA Acoustic enclosed DG sets as per GPCB norms will be provided at each station as a backup to the State power supply.

6. The project/activity is covered under category A of item 6(a) 'Oil & Gas transportation pipeline', of the Schedule to the Environment Impact Assessment Notification, 2006, and requires appraisal at central level by the sectoral Expert Appraisal Committee (EAC) in the Ministry.

7. The terms of References (TOR) for the Project has been issued by the Ministry vide letter dated 2nd August, 2016 and public hearing was conducted by the Gujarat State Pollution Control Board at Districts Morbi, Surendranagar and Kutch on 21st March, 2018, 23rd March, 2018 and 27th March, 2018 respectively.

8. The proposal for environmental and CRZ clearance was considered by the EAC (Industry-2) in its meetings held on 29-31 May, 2018, 25-27 June, 2018 and 20th August, 2020. The project proponent and their accredited consultant M/s Anacon Laboratories Pvt Ltd, made a detailed presentation on the salient features of the project and have presented the EIA/EMP report.

9. The committee in its meeting held on 29-31 May, 2018 and 25-27 June, 2018 noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. Issues raised during the public hearing have been duly addressed by the project proponent. The Committee found the EIA/EMP report to be satisfactory, complying with the ToR, and recommended the project for grant of environmental and CRZ clearance subject to submission of Stage-I forest clearance for diversion of forest land (covering all the five wells locations) for non-forestry purposes as required under the Forest (Conservation) Act, 1980.

10. The project proponent submitted in-principle/Stage-I FC on 01.06.2020 for Environmental/CRZ Clearance. In view of the provisions of Ministry's OM dated 19th June 2014, proposal was referred to EAC for reconsideration. The EAC, after detailed deliberations in its meeting held on 20th August 2020, reiterated its earlier recommendations for grant of EC and CRZ Clearance with all conditions mentioned in the earlier recommendations remain unchanged.

11. The environmental and CRZ clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and the CRZ Notification, 2011 and its

amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain 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, from the State Pollution Control Board, prior to construction & operation of the project.

12. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental and CRZ clearance to the project for **Laying 36/30" Natural Gas transportation pipeline from Anjar (Kutch) to Chotila (Surendranagar) covering approximate length of 196.14 km with associated facilities by M/s Gujarat State Petronet Limited (Gujarat)**, under the provisions of the EIA Notification, 2006 and the CRZ Notification, 2011, and the amendments therein, subject to compliance of the terms and conditions as under:-

(i). As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.

(ii). All the terms and conditions stipulated by the State Coastal Zone Management Authority in their recommendation/NOC letter dated 4th September, 2017 shall be strictly adhered to.

(iii). Total fresh water requirement shall not exceed 60 cum/day during construction phase to be met from tanker supply.

(iv). The construction of pipelines through the waterbodies shall be avoided during the rainy season/ breading seasons of aquatic animals.

(v). The riverbed, embankments and dykes shall be restored adequately after installation of crossings.

(vi). SCADA system shall be installed with dedicated optical fiber based telecommunication link for safe operation of pipeline and leak detection system.

(vii). Intelligent pigging facilities shall be provided for the entire pipeline system for internal corrosion monitoring. Coating and impressed current cathodic protection system shall be provided to prevent external corrosion.

(viii). All the recommendations mentioned in the risk assessment report shall be implemented and Emergency response plan shall be based on guideline prepared by OISD.

(ix). All the issues raised during the public hearing conducted by the Gujarat State Pollution Control Board on 21st March, 2018 in District Morbi, 23rd March, 2018 in District Surendranagar and 27th March, 2018 in District Kutch shall be satisfactory implemented.

(x). The project proponent shall allocate sufficient fund for Corporate Environment Responsibility (CER) in accordance with Ministry OM dated 1st May 2018 and the details along with time bound action plan shall be submitted to the Ministry's Regional Office.

(xi). Requisite Onsite and Offsite Disaster Management Plans will be prepared and implemented.

(xii). 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.

12.1 The grant of environmental and CRZ clearance is further subject to compliance of other general conditions as under:

(i) No further expansion or modifications in the pipeline and associated facilities, other than mentioned in the EIA Notification, 2006 and the CRZ Notification, 2011 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

(ii) The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment.

(iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.

(iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.

(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).

(vi) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and to utilize the same for process requirements.

(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. Training to all employees on handling of chemicals shall be imparted.

(viii) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented.

(ix) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

(x) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

(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.

(xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZillaParishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

(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 SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(xiv) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall 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.

(xv) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at **https://parivesh.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.

(xvi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

(xvii) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

13. 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.

14. 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.

15. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

16. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

17. This issues with the approval of the competent authority.

13.10.2020

(Ashok Kr. Pateshwary)
Director

Copy to: -

1. The Principal Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, 8th Floor, Gandhi Nagar - 382 010 (Gujarat)
2. The Dy. Director General of Forest (Western Zone), MoEF&CC, Regional Office, E-5, Arera Colony, Link Road -3, Ravishankar Nagar, Bhopal - 462 016 (MP)
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043 (Gujarat)
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 3
6. Guard File/Record File/Monitoring File/Website of MoEF&CC

13.10.2020

(Ashok Kr. Pateshwary)
Director