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F. No. 11-76/2012-IA.III

Government of India

Ministry of Environment, Forest & Climate Change

(IA-III Section)

Indira Paryavaran Bhawan,
Jor Bag Road,
New Delhi - 3

Dated: 21st August, 2015

To

The Chief Executive Officer,
M/s Narmada Clean Tech Ltd,
Surti Bhagor, Nr. Gujarat Gas Office,
Umarwada Road, Ankleshwar,
District Bharuch, Gujarat

Sub: 'Enhancing effluent quantity from 60 MLD to 75 MLD treated effluent pipeline' for discharge of effluent from Kantiyajal into deep sea through existing offshore pipeline and diffuser in District Bharuch (Gujarat) by M/s Narmada Clean Tech Ltd - CRZ Clearance - reg.

This has reference to your proposal forwarded by Director (Env.) & Additional Secretary, Forests & Environment Department, Gujarat vide letter No: ENV-10-2011-1509-E dated 29.09.2012 and your letters dated 27.06.2013, 01.05.2014 and 06.02.2015, submitting the above mentioned proposal to this Ministry for grant of CRZ Clearance in terms of the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 under the Environment (Protection), Act, 1986.

2. The proposal for '**Enhancing effluent quantity from 60 MLD to 75 MLD treated effluent pipeline' for discharge of effluent from Kantiyajal into deep sea through existing offshore pipeline and diffuser in District Bharuch (Gujarat) by M/s Narmada Clean Tech Ltd**, was considered by the Expert Appraisal Committee (EAC) in the Ministry for Infrastructure Development, Coastal Regulation Zone, Building/ Construction and Miscellaneous projects, in its EAC meetings held on 20th - 21st December, 2012, 20th - 23rd November, 2013, 26th - 28th December, 2013 and 19th - 21st May, 2014.

3. The details of the project, as per the documents submitted by the Project Proponents (PP), and also as informed during the above said EAC meetings, are reported to be as under:-

(i) The proposal is for enhancing marine disposal of effluent quantity from 60 MLD to 75 MLD from Kantiyajal into deep sea through existing offshore pipeline and laying of booster pumping discharge line of 1.8 km length from plant to land fall point at District Bharuch, Gujarat.

(ii) The effluents generated from Panoli, Ankleshwar and Jagadia were treated and discharged deep sea through existing offshore pipeline and diffuser in Bharuch District, Gujarat.

(iii) The CRZ Clearance was obtained vide letter No. J-17011/25/2002-IA.III dated 07.03.2003 for laying effluent disposal pipeline for 60 MLD discharge.

(iv) The existing capacity of pipeline is 60 MLD (32 MLD (Ankleshwar) + 8 MLD (Panoli) & 20 MLD (Jhagadia). The effluent generation at Jhagadia is about 3 KLD against 20 KLD and it is likely to be increased to 35 KLD.

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(v) After expansion, the capacity will be 75 MLD (32 MLD-Ankleshwar, 08 MLD - Panoli, 35 MLD-Jhagadia). Total effluent pipeline (Onshore) length is 61 km from Jhagadia to Kantiyajal, Offshore pipeline length is 9.37 km.

(vi) The pipeline would not be changed or replaced, except for the Jhagadia stretch.

(vii) Out of 1.8 km new line, 0.5 km falls within CRZ area. The existing disposal line of 0.5 km onshore shall be made non-functioning.

(viii) **SCZMA Approval:** The Gujarat Coastal Zone Management Authority (GCZMA) has recommended the proposal vide letter no. ENV-10-2011-1509-E dated 29.09.2012 for enhancing effluent quantity from 60 MLD to 75 MLD treated effluent pipeline for discharge of effluent from Kantiyajal in to deep sea through existing offshore pipeline and diffuser at District Bharuch by Narmada Clean Tech Ltd.

(ix) **Investment/Cost:** The total cost of the project is Rs 109 Crores.

4. The project was examined by the EAC in its meeting held in December, 2012 and sought additional information viz. copy of the NOC of GPCB, monitoring report of GPCB on CETP/FETP and marine outfall, map of 1:4000 and the CRZ zone details. Also noted that the current movement during high tide to low and Low to High shows parallel to shore which is not acceptable since it is near the mouth of Narmada river and there will be movement of current towards river during high tide.

5. The EAC examined the proposal in detail in its 128th meeting held on 20th - 23rd November, 2013. It was not convinced that there would be no change or replacement of the pipeline in the offshore area because of the substantial increase in the effluent. The EAC after deliberation suggested the Project Proponent to submit the effluent balance, modelling and dispersion details, afresh. Along with the effluent balance, modelling and dispersion details, the proponent has submitted an undertaking that the existing offshore pipeline can withstand the pressure generated through proposed discharge of 75 MLD instead of earlier discharge of 60 MLD.

6. The EAC in its meeting held on 19th - 21st May, 2014, observed that the CRZ clearance was issued by the Ministry vide letter No. J-17011/25/2002-IA.III dated 07.03.2003 whose validity has been expired in the year 2008. Therefore the Ministry has considered the issue of enhancement as a fresh proposal, instead of amendment in the earlier CRZ Clearance accorded by the Ministry.

7. The EAC after deliberations, recommended the project for grant of CRZ Clearance. As per recommendations of the EAC, the Ministry of Environment, Forest & Climate Change hereby accords CRZ Clearance for the above-mentioned project **'Enhancing effluent quantity from 60 MLD to 75 MLD treated effluent pipeline' for discharge of effluent from Kantiyajal into deep sea through existing offshore pipeline and diffuser in District Bharuch (Gujarat) by M/s Narmada Clean Tech Ltd**, under the provisions of Coastal Regulation Zone (CRZ) Notification, 2011 and amendments thereto and Circulars issued thereon and subject to the compliance of the following specific conditions, in addition to the general conditions mentioned below:-

A. SPECIFIC CONDITIONS:

- (i) 'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) The project proponent shall ensure real time monitoring of effluent quality by installing online effluent quality monitoring system at the outlet of pipeline

carrying effluent for marine disposal for the measurement of the parameters prescribed by the Gujarat State Pollution Control Board (GSPCB) and transmission of online data so generated to GSPCB.

- (iii) The portion of pipeline proposed to be made non functional shall be removed and disposed off scientifically. The trench so formed shall be backfilled and levelled.
- (iv) Laying of booster pumping discharge line up to land fall point in the CRZ area should be as per the norms.
- (v) The existing mangrove area in intertidal area should not be disturbed. The pipeline shall be laid at least 50 m away from mangrove area.
- (vi) All the conditions/recommendations stipulated by Gujarat Coastal Zone Management Authority (GCZMA) vide letter no. ENV-10-2011-1509-E dated 29.09.2012, shall be complied with.
- (vii) Method of installation shall ensure no damage to the coastline and consequently the marine eco system.
- (viii) All the recommendation of the EIA/EMP, Disaster Management Plan shall be strictly complied within letter and spirit. 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 MoEF&CC along with half yearly compliance report to MoEF&CC-RO.
- (ix) Project Proponent shall obtain all required statutory clearances as applicable.
- (x) Necessary signages shall be installed in both English and local languages wherever the pipeline is passing.
- (xi) Soil and water samples shall be regularly monitored along the pipeline route to check the leakage/contamination, if any and shall examine if any strengthening is required.
- (xii) There shall be no disposal of solid and liquid wastes in to the Coastal areas.
- (xiii) There shall be no ground water drawal within CRZ area.
- (xiv) No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- (xv) The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive. The environment cell setup so by NCTL shall closely coordinate with GIDC and GSPCB to explore the possibility of reuse of effluent by adopting 4R (Reduce/ Recovery/ Recycling/ Reuse) philosophy at the concerned industries end and thereafter adopting adequate Advance Oxidation Process (AOP) at FETP.
- (xvi) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.

B. GENERAL CONDITIONS:

- (i) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.


- (ii) Full support shall be extended to the officers of this Ministry/Regional Office at Bhopal 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.
- (iii) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bhopal regarding the implementation of the stipulated conditions.
- (iv) Ministry of Environment, Forest & 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.
- (v) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (vi) 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 & Climate Change.
- (vii) The project proponents 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 land development work.
- (viii) 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.
- (ix) A copy of the 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.

8. These 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.

9. 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.


10. 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 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 & Climate Change at <http://www.envfor.nic.in>. 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 Bhopal.

11. Any appeal against this 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.
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.
13. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.
14. 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. The clearance letter shall also be put on the website of the company by the proponent.
15. 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. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.
16. 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 Ministry, the respective Zonal Office of CPCB and the SPCB.
17. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 Clearance conditions and shall also be sent to the respective Regional Office of MoEF&CC by e-mail.


21/8/2015
(S.K. Srivastava)
Scientist E

Copy to:

1. The Principal Secretary, Department of Forests & Environment and Chairman, GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar
2. The Director, Forests & Environment Department, Govt. of Gujarat, Block No.14, 8th Floor, Sachivalaya, Gandhinagar - 10
3. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhinagar-10
5. Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forests and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Link Road No.3, Ravishankar Nagar, Bhopal - 16
6. Guard File.
7. Monitoring Cell, MoEFCC.


21/8/2015
(S.K. Srivastava)
Scientist E