

F.No. 11-26/2016-IA-III  
Government of India  
Ministry of Environment, Forest and Climate Change

Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi - 110003  
Dated: 10 July, 2017

To,

The Director  
M/s Gadre Marine Export Private Limited  
District Junagarh, Gujarat  
Gujarat -362001

**Sub: Proposed project for laying of treated effluent disposal pipeline at District Junagarh, Gujarat by M/s Gadre Marine Export Private Limited - CRZ Clearance - reg.**


Sir,

This has reference to your proposal No. IA/GJ/MIS/57332/2016, dated 05.08.2016 received in this Ministry for CRZ Clearance in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

2. The proposal was re-considered by the Expert Appraisal Committee (EAC)- Infrastructure Development, Coastal Regulation Zone, Building / Construction and Miscellaneous projects, in 170<sup>th</sup> meeting held during May 11, 2017. The details of the project, as per the documents submitted by you and as informed during the aforesaid meetings of the EAC are noted as under:

- (i) The proposed project entails laying of conveyance of treated effluent through a pipeline laid on the sea floor and discharged into the open sea at the appropriate location. The source of effluent is from the processing units of frozen crab stick as well as frozen fish paste (Surimi) and of fish protein powder from fish waste.
- (ii) The project would lead to employment of additional 250 local people (fisherman).
- (iii) The total cost of the proposed project will be about Rs 10.75 Crores (including cost of pipeline & expansion of unit).
- (iv) The fish processing plant is located at 588 m on landward from CRZ boundary of 500m. The project area falls in CRZ IB, III, and IV.
- (v) The outfall point of discharge will be at Latitude 20059'11.98" and Longitude 70013'48.24". The length of the outfall pie will be 1325 m and would terminate at 13 m water depth. The outfall will have multiple port diffuser arrangement system with 4 number of ports of each 100 mm outer diameter.
- (vi) CRZ map (1:4,000 scale) with demarcation of HTL, LTL has been prepared.
- (vii) There are no mangroves or corals or sea grass or any other ecological sensitive areas around. The total quantity of effluent will be 2 MLD (8.33 m<sup>3</sup>/hour) [0.78 MLD + 1.22 MLD].
- (viii) The length of the outfall pipeline along its route is 1325 m.
- (ix) The water depth at location of outfall will be 13.0 m with respect to CD. The outfall diffuser is designed with 4 nos. X 100 mm dia. Ports.
- (x) The proposed water requirement will be 1020 KL/day, and total waste water quantity is 1800 KL/Day and treatment capacity will be 2400 KL/Day.
- (xi) The quality of effluent shall be maintained as per the norms of GPCB. If any significant impact on the ecology of sea is observed, the treatment of effluent would be enhanced.
- (xii) The ecology of sea would be maintained by conducting periodic monitoring.
- (xiii) Gujarat Coastal Zone Management Authority has recommended the proposal from CRZ perspective vide its letter no. ENV-10-2015-163-E(T Cell), dated 28.06.2016.

3. Based on the information submitted by you as at para no. 2 above and others and presentation made before the EAC (Infrastructure Development, Coastal Regulation Zone, Building /



Construction and Miscellaneous projects) in its 170<sup>th</sup> meeting held on May 11, 2017, and in acceptance of the recommendation of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords CRZ Clearance to the above project viz *'Proposed Project for laying of treated effluent disposal pipeline at District Junagarh, Gujarat'* subject to the following specific and general conditions as under:

**PART A – SPECIFIC CONDITIONS:**

- (i) All conditions/recommendations stipulated by the Gujarat Coastal Zone Management Authority (GCZMA) vide its letter no. ENV-10-2016-74-E(T Cell), dated 28.06.2016 shall strictly be complied with.
- (ii) 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.
- (iii) Periodic monitoring of effluent discharge would be carried out to evaluate any change in waste water quality, sediment quantity and biological characteristics. Accordingly, the project proponent shall set up three effluent discharge monitoring points in the sea viz. one station within 100 m from the proposed outfall; and two stations at 1000 m on either side of the outfall point.
- (iv) Effluent not meeting with the CPCB/GPCB norms shall not be discharged and shall be stored in Guard Ponds and recycled back into the effluent Treatment Plant for further treatment to achieve the norms. Necessary facilities for this purpose shall be set up.
- (v) The pipeline shall be monitored regularly for leakages and ensured that there is no leak from the pipeline. In case of any such eventualities, the company shall immediately stop disposal through the said pipeline and take the corrective measures in consultation with the GPCB and the District Collector.
- (vi) It shall be ensured that there are no blockages to the creek/river/sandy shores due to laying of pipeline and free flow of water shall be maintained.
- (vii) The outfall diffuser shall be located a 1325m distance offshore along the outfall route at 13m water depth, with diffusers 4 X 100 mm diameter parts inclined at horizontal. The outfall diffuser shall not have any sharp projection to avoid hurdles to the boats and fisherman moving around this region. The diffuser ports shall be placed on the seabed and the top of the ports shall remain well below the water sea surface.
- (viii) Marker buoys shall be placed closed to the outfall to help boats avoid collision while crossing.
- (ix) Chorwad and adjoining areas have some excellent inter-tidal areas. The project proponent will develop baseline inventory of marine and coastal biodiversity of inter-tidal region of Chorwad and will develop conservation plan for the same. Adequate financial provision for the same be made in the project budget.
- (x) '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, as may be applicable.
- (xi) The construction in CRZ areas shall be done strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.



- (xii) There shall be no dressing or alteration of the sand dunes, natural features including landscape changes for beautification, recreation and other such purpose.
- (xiii) Treated effluent emanating from the existing STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the State Pollution Control Board. Necessary measures should be made to mitigate the odour problem from the STP.
- (xiv) The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of the results of standard parameters of the effluent discharged from STP under intimation to the SPCB.
- (xv) The project proponent shall ensure that no ground water drawal is carried out within CRZ areas without prior approval of the Central Ground Water Authority.
- (xvi) Soil and ground water samples in and around the STP shall be tested regularly to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.

#### **PART – B: GENERAL CONDITIONS**

- (i) Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.
- (ii) A six-monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry regarding the implementation of the stipulated conditions.
- (iii) The 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.
- (iv) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.
- (v) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry.
- (vi) 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.
- (vii) A copy of the CRZ 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.

4. 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.

5. The above stipulations would be enforced among others under the provisions of the 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, the EIA Notification, 2006 and the CRZ Notification, 2011.



6. Full co-operation shall be extended to the officials of the Regional Office of MoEF&CC, during monitoring of implementation of conditions stipulated in the clearance. It shall be ensured that documents/as may be necessary is submitted to the monitoring team during inspection. A complete set of all the documents shall be also submitted to Regional Office of the MoEF&CC.
7. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
8. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
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 should 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 (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and 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.
11. 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.
12. 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.
13. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/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.
14. The proponent shall upload the status of compliance of the stipulated 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. The criteria pollutant levels namely SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
15. The environmental statement for each financial year ending 31<sup>st</sup> 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 conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.

  
**(Arvind Kumar Nautiyal)**  
Director

*Copy to:*

1. The Secretary, Department of Forests & Environment, Block 14, 8<sup>th</sup> floor, Sachivalaya, Gandhinagar - 382 010 Gujarat.
2. The Chairman, (Environment) & Additional Secretary Department of Forest and Environment Gujarat Coastal Zone Management Authority Government of Gujarat Block No.14/8<sup>th</sup> Floor, New Sachivalaya Sector-10 A, Gandhinagar
3. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032
4. The Member Secretary, Gujarat Pollution Control Board, Paryavarana Bhawan Sector-10 A, Gandhinagar-382010
5. The APCCF (C), MoEF&CC Regional Office (WZ),E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal - 462016
6. Guard File.
7. Monitoring Cell.

  
(Arvind Kumar Nautiyal)  
Director