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No.10-54/2007-IA-III
Government of India
Ministry of Environment and Forests
(IA-III Division)

Paryavaran Bhavan,
C.G.O. Complex, Lodi Road,
New Delhi-110003

Dated the 29th July, 2008

Sub: Construction of Liquid Cargo Jetty (Berth No.13) in the existing Oil Dock Arm of New Mangalore Port, Karnataka by M/s New Mangalore Port Trust – regarding.

Reference is invited to the letter No.CE/EE(DEV)/WDA/2006-07, dated 31.5.2007, No.10/2/B-13/ENV/MW/2007-08, dated 14.2.2008, No.22/2/B-13/ENV/MW/07-08, dated 22.4.2008 and dated 10.6.2008 from M/s New Mangalore Port Trust (NMPT) regarding the subject mentioned.

2. The project is for construction a liquid cargo jetty in the existing NMPT. An area of 20 acres of the port land will be utilized for the project and water front of 400 mts. The entire area is within the port limits. The proposed jetty will accommodate vessels upto LOA of 300 m. The jetty will have six mooring dolphins and four berthing dolphins, service platform and approach trestle. There are already 4 berths constructed in the oil dock area, and the proposed berth will be located at east side of the entrance to the oil dock arm. Berth will be capable of receiving tankers upto 1,50,000 DWT with a draft of 17m. The mooring dolphins and breasting dolphins will be connected by walkway of 2.3m width. All the structures will be supported on piles. The dolphins, approach trestle and service platform will be open piled structures. The rare side of the jetty will be protected by rip-rap to the sloping ground. The dredged material would be disposed off at designated location as approved by CWPRS. The present maintenance dredging material is approximately 6 million cu m per year. The dredging quantity for the proposed Berth No.13 is approximately 0.3 million cu m. NMPT has a 1.20 MLD Sewage Treatment Plant which will be replaced with compact sewage treatment unit.

3. The proposal was considered by Expert Appraisal Committee at its meeting held on 23rd and 24th April, 2008 and 2nd and 3rd July, 2008 and has recommended the proposal after waiving the public hearing as the project is within the Mangalore Port Trust limit.

4. The proposal has been examined in this Ministry and environmental clearance under the provisions of Environmental Impact Assessment Notification 2006 and environmental clearance is hereby accorded to the above project subject to the effective implementation of the following conditions:-

(A) Specific Conditions:

- (i) All measures indicated in the letter dated 10.6.2008 of NMPT shall be strictly complied with.
- (ii) Radio active study for determining the dispersion of dredged dump material shall be carried out and the report submitted within 6 months from the date of receipt of this letter.
- (iii) Necessary clearances from the Karnataka State Pollution Control Board shall be obtained before initiating the project.
- (iv) Quarantine condition shall be provided for keeping the hazardous containers if they are accidentally received.
- (v) Green belt area shall be developed along the project and budget earmarked.
- (vi) A disaster management plan covering emergency evacuation mechanisms etc., to deal with natural disaster events shall be prepared and furnished to the Ministry.

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- (vii) The Relocation of the fishermen and local communities, if any, in the area shall be done strictly in accordance with the norms prescribed by the State Government. The relocated communities shall be provided with all facilities including health care, education, sanitation and livelihood.
- (viii) The project proponent shall not undertake any destruction of mangroves during construction and operation of the project.
- (ix) Sewage arising in the port area shall be disposed off through septic tank – soak pit system or shall be treated alongwith the industrial effluents to conform to the standards stipulated by Karnataka Pollution Control Board and shall be utilized/re-cycled for gardening, plantation and irrigation.
- (x) Project proponent shall prepare and regularly update the Disaster Management Plan from time to time.
- (xi) There shall be no withdrawal of ground water in CRZ area, for this project. The proponent shall ensure that as a result of the proposed constructions, ingress of saline water into ground water does not take place. Piezometers shall be installed for regular monitoring for this purpose at appropriate locations on the project site.
- (xii) The project shall not be commissioned till the requisite water supply and electricity to the project are provided by the PWD/Electricity Department.
- (xiii) Specific arrangements for rainwater harvesting shall be made in the project design and the rain water so harvested shall be optimally utilized. Details in this regard shall be furnished to this Ministry's Regional Office at Bangalore within 3 months.
- (xiv) The facilities to be constructed in the CRZ area as part of this project shall be strictly in conformity with the provisions of the CRZ Notification, 1991 as amended subsequently.
- (xv) No product other than those permissible in the Coastal Regulation Zone Notification, 1991 shall be stored in the Coastal Regulation Zone area.

B. General Conditions:

- (i) Construction of the proposed structures shall be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification 1991 & its amendments. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.
- (ii) Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. shall be ensured for construction workers during the construction phase of the project so as to avoid felling of trees/mangroves and pollution of water and the surroundings.
- (iii) The project authorities must make necessary arrangements for disposal of solid wastes and for the treatment of effluents by providing a proper wastewater treatment plant outside the CRZ area. The quality of treated effluents, solid wastes and noise level etc. must conform to the standards laid down by the competent authorities including the Central/State Pollution Control Board and the Union Ministry of Environment and Forests under the Environment (Protection) Act, 1986, whichever are more stringent.
- (iv) The proponents shall provide for a regular monitoring mechanism so as to ensure that the treated effluents conform to the prescribed standards. The records of analysis reports must be properly maintained and made available for inspection to the concerned State/Central officials during their visits.
- (v) In order to carry out the environmental monitoring during the operational phase of the project, the project authorities shall provide an environmental laboratory well equipped with standard equipment and facilities and qualified manpower to carry out the testing of various environmental parameters.
- (vi) The sand dunes and mangroves, if any, on the site shall not be disturbed in any way.

- (vii) A copy of the clearance letter will be marked to the concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.
- (viii) The Karnataka Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's Office for 30 days.
- (ix) The funds earmarked for environment protection measures shall be maintained, in a separate account and there shall be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards shall be reported to this Ministry's Regional Office at Bangalore and the State Pollution Control Board.
- (x) Full support shall be extended to the officers of this Ministry's Regional Office at Bangalore and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.
- (xi) In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection.
- (xii) This Ministry reserve the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.
- (xiii) This Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.
- (xiv) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen at Website of the Ministry of Environment & Forests at <http://www.envforin.in>. The advertisement shall be made within 7 days from the date of issue of the clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Bangalore.
- (xv) The Project proponents shall inform the Regional Office at Bangalore 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.

5. The above mentioned stipulations will be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (protection) Act, 1986, the Hazardous Chemicals (Manufacture, Storage and Import) Rules, 1989, the Coastal Regulation Zone Notification, 1991 and its subsequent amendments and the Public Liability Insurance Act, 1991 and the Rules made thereunder from time to time. The project proponents shall also ensure that the proposal complies with the provisions of the approved Coastal Zone Management Plan of Karnataka State and the Supreme Court's order dated 18th April, 1996 in the Writ Petition No.664 of 1993 to the extent the same are applicable to this proposal.



(E. Thirunavukkarasu)
Deputy Director

To,

Director,
Department of Forest Environment and Ecology,
Karnataka Government Secretariat-II,
7th Floor, 4th Stage, Multistoreyed Building,
Dr. B. R. Ambedkar Veedhi, Bangalore - 560001.

Copy for information to:-

- (i) The Member Secretary, Karnataka State Pollution Control Board, 6,7,8, & 9 Floor (Public Utility Building), Netaji Subhash Chand Building, M. G. Road, Bangalore-560 001, Karnataka .
- (ii) The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum- Office Complex, East Arjun Nagar, Delhi -110032.
- (iii) The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (SZ), Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, 1 Block, Koranmangla, Bangalore - 560034.
- (iv) Chief Engineer (Civil), M/s New Mangalore Port Trust, Panambur, New Mangalore-575010.
- (v) Director (EI), Ministry of Environment and Forests.
- (vi) The Regional Office Cell, Ministry of Environment and Forests.
- (vii) Guard File.
- (viii) Monitoring File


(E. Thirunavukkarsu)
Deputy Director