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No.10-45/2008-IA-III
Government of India
Ministry of Environment and Forests
(IA-III Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110003.

Dated, the 31st December, 2008

Sub: Airport near Sogane village, Shimoga Taluk, Shimoga District, Karnataka by M/s Maytas Infra Limited by M/s Maytas Infra Limited – Environmental clearance – regarding.

Reference is invited to the letters No.Nil, dated 28.3.2008 from M/s Maytas Infra Limited and letter No.PCB/835/CFE/08/767, dated 3.11.2008, D.O.No.KSPCG/M.S/E.CShimoga/2008/779, dated 5.11.2008 from Karnataka State Pollution Control Board enclosing the proceedings of public hearing and letter No.Nil, dated 10.11.2008 from M/s Shimoga Airport Developers Private Limited on the subject mentioned above.

2. The proposal is for development of airport near Sogane village, Shimoga Taluk, Shimoga District, Karnataka. The area for airport development has been acquired by Karnataka Industrial Areas Development Board to handle a maximum of 0.50 million passengers per annum and to handle a maximum of 5000TPA of cargo. The site is located at 13°51'00" to 13°51'45"North latitude and 75°35'48" to 75°37'49"East longitude. Airport will be developed in a phased manner (Phase-I and Phase-II). The total area of the project is 268 ha out of which 147 ha will be utilized for aeronautical operations and remaining area of 121 ha will be made available for commercial development. The project area comprises of about 79% of Government wasteland and 21% of private land. The major portions of land in the project area are wasteland and with some cultivation and plantation trees in the low lying portion of land. There are some settlements within the site acquired, which are being relocated to a new location on the land already acquired by the Government. The resettlement and rehabilitation of the affected persons is being implemented by Government of Karnataka. There are no major water bodies within the proposed airport premises. There is no forest area in the project site. The estimated cost of the project is Rs.76.5 crores.

3. The power requirement for the airport operations in Phase-I is 250KVA and Phase-II is 500KVA. The expected daily water requirement of the proposed airport during Phase-I is 80.4 m³/day, which will increase upto 490 m³/day during the Phase-II. Wastewater generated will be treated in sewage treatment plant based on aeration mechanism. The treated wastewater will be reused for green belt development, cooling water make-up, air conditioning, fire fighting and flushing activities after ensuring that it conforms to standards for disposal on land. Unutilized treated wastewater will be disposed into the main sewer. No untreated wastewater will be discharged outside the airport boundary. The solid waste handling and disposal services will be outsourced to authorized agencies to ensure removal of solid waste generated in the operational areas and other locations inside the airport premises. The oily waste shall be handed over to authorized agency for off-site recycling.

4. The proposal was considered by Expert Committee on its meetings held on 23rd & 24th April, 2008 and 25th and 26th November, 2008 and has recommended. Public hearing for the proposed airport project has been conducted on 17.10.2008 at the project site as per Environment Impact Assessment Notification. Accordingly, environmental clearance is hereby accorded under the Environment Impact Assessment Notification, 2006 subject to effective implementation of the following conditions and environmental safeguards:-

A. Specific conditions:

- (i) The Master plan shall be modified so as to preserve the existing major water bodies at the site and submitted to Ministry of Environment and Forests.
- (ii) Project proponent shall ensure zero discharge keeping in view the scarcity of water in the region.
- (iii) It shall be ensured that the water is treated, recycled and reused.
- (iv) All necessary energy saving, lighting and electrical system shall be incorporated for the project.

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- (v) The village and rural roads abutting the project area shall be strengthened and street lights provided.
- (vi) The R&R shall be in accordance with the State Government norms.
- (vii) All issues raised in the public hearing shall be strictly complied with.
- (viii) The project proponent shall undertake social benefit activities which includes adopting a minimum of 5 rural schools and providing toilet, drinking water, furniture for the schools. A dispensary and an ambulance will also be provided.
- (ix) Project proponent shall treat the wastewater and reuse within the airport to the maximum extent including land irrigation.
- (x) All necessary clearances from the concerned Authorities shall be obtained before initiating the project.
- (xi) Project proponent shall ensure architectural assimilation of the local cultural and heritage motifs in the design of the airport.
- (xii) Necessary steps for noise mitigation shall be included such as appropriate acoustic panels or other measures including installing diffuser in the main run way to mitigate the noise levels especially along the interface with surrounding habitations.
- (xiii) The monitoring of noise level in and around the airport shall be regularly conducted and data furnished to the Authorities including State Pollution Control Board.
- (xiv) All recommendations listed in the DMP report shall be implemented.
- (xv) The terminal building shall be designed taking into account the National Building Code guidelines and local heritage values.
- (xvi) The project proponent shall provide a copy of the approval letter from the local Municipal Authorities for supplying the drinking water. The usage water and municipal water shall be furnished to this Ministry within three months from the date of receipt of this letter.
- (xvii) No additional groundwater shall be tapped to meet the water requirement of the project.
- (xviii) Necessary approvals shall be obtained from the concerned agencies with regard to obtaining water for construction and operation.
- (xix) A detailed plan shall be worked out for proper disposal of solid waste generated in the airport and implemented. The project proponent shall ensure that the solid waste generated from various sources within the airport complex shall be disposed of as per norms laid down by the central and state agency.
- (xx) On-site emergency plan including fire fighting measures shall be fully in place.
- (xxi) The project proponent shall ensure that afforestation shall be carried out and twice the number of trees that have been cut shall be planted.
- (xxii) The project proponent shall install adequate measures to harvest rainwater system to meet atleast partial water requirement of the airport.
- (xxiii) The quarry material required for construction of the project shall be brought from approved quarries.
- (xxiv) The funds earmarked for environment protection measures shall 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.

B. General Conditions:

- (i) Construction of the proposed structure shall be undertaken meticulously conforming to the existing Central/local rules. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.
- (ii) A well-equipped laboratory with suitable instruments to monitor the quality of air and water shall be set up. The quality of ambient air and water shall be monitored periodically in all seasons and the results shall be properly maintained for inspection of the concerned pollution control agencies. The periodic monitoring reports at least once in 6 months must be sent to this Ministry (Regional Office at Bangalore) and State Pollution Control Board.
- (iii) Adequate provisions for infrastructure facilities such as water supply, fuel for cooking, sanitation etc., must be provided for the labourers during the construction period to avoid damage to the environment. It shall also be ensured that the construction workers do not cut trees including mangroves for fuel wood purpose.
- (iv) To prevent discharge of sewage and other liquid wastes into the water bodies, adequate system for collection and treatment of the wastes must be provided.
- (v) The project authorities shall take appropriate community development and welfare measures for the villagers in the vicinity of the project site, including drinking water facilities. A separate fund shall be allocated for this purpose.
- (vi) The quarrying material required for the construction purpose shall be obtained only from the approval quarries/borrow areas. Adequate safeguard measures shall be taken to ensure that the overburden and rocks at the quarry site do not find their way into water bodies.
- (vii) For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given to local people.
- (viii) The recommendations made in the Environment Management Plan and Disaster Management Plan, as contained in the Environmental Impact Assessment and Risk Analysis Reports of the project shall be effectively implemented.
- (ix) A separate Environment Management Cell with suitably qualified staff to carry out various environment related functions shall be set up under the charge of a Senior Executive who will report directly to the Chief Executive of the Company.
- (x) The project affected people, if any shall be properly compensated and rehabilitated.
- (xi) The funds earmarked for environment protection measures shall 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.
- (xii) 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 of monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.
- (xiii) In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to this Ministry for modification on the clearance conditions or imposition of new ones for ensuring environmental protection. The project proponents shall be responsible for implementing the suggested safeguard measures.
- (xiv) The Ministry reserves the right to revoke this clearance, if any of the conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.
- (xv) The Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.
- (xvi) The project proponent shall advertise at least in 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 Committee and may also be seen at Website of the Ministry of Environment & Forests at <http://www.envfor.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.

(xvii) 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.

(xviii) Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

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.



(Dr. A. Senthil Vel)
Additional Director

To,

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

Copy 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, Bnaglaore-560 001, Karnataka.
- (ii) Shri Ramesh Majahidpur, M/s Shimoga, Airport Developers Private Limited, 6-3-1186/1&2, Plot #12, 3rd Floor, 'Maytas House', Begumpet, Hyderabad-500016.
- (iii) The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum- Office Complex, East Arjun Nagar, Delhi –110032.
- (iv) 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.
- (v) Director (EI), Ministry of Environment and Forests.
- (vi) The Regional Office Cell, MoEF.
- (vii) Guard File.
- (viii) Monitoring File


(Dr. A. Senthil Vel)
Additional Director