



सत्यमेव जयते

Proceedings of the State Environment Impact Assessment Authority Kerala

Present: Prof. (Dr.) K.P. Joy, Chairman; (Dr.) J. Subhashini, Member; Sri P.K. Mohanty IAS, Member Secretary

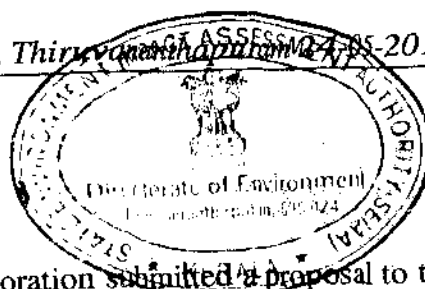
Sub: SEIAA Kerala -- Proposed additional tankage for motor spirit and facilities for receipt, storage and delivery through Tank lorries of ATF at Village Karavanthuruthy, Tehsil & District Kozhikode, Kerala by M/s Indian Oil Corporation Limited -- Environmental Clearance under EIA Notification 2006 accorded -- Orders issued

Environmental Clearance

No. 87/SEIAA/KL/447/2013

dated, Thiruvananthapuram, 28.05.2014

Read:- Minutes of the 27th SEIAA meeting held on 11th March 2014



ORDER

Mr. K.K. Narayanan, Sr. Depot Manager, M/s Indian Oil Corporation submitted a proposal to the MoEF for additional tankage for Motor spirit and facilities for receipt, storage and delivery through tanker lorries of ATF at Village Karavanthuruthy, Tehsil and district Kozhikode, Kerala, on 3rd March 2010. The project proposal was appraised by EAC of MoEF (Industry-II) on 30th April 2010 and TOR was approved for preparation of EIA/EMP. M/s Indian Oil Corporation submitted EIA/ EMP on 14th November 2012 to the MoEF. Subsequently MoEF has forwarded the file to SEIAA for further necessary action stating that the project falls under Category 'B' and should be appraised at the state level by SEIAA/SEAC Kerala since the same is functional. It is interalia, noted that the project comes under the Category B, 6 (b) of Schedule of EIA Notification 2006. No forest land is involved in the present project.

The proposal has been appraised by the State Level Expert Appraisal Committee Kerala constituted by the competent authority, as per prescribed procedure in the lights of provisions under the EIA Notification 2006 and subsequent amendments, in its 16th meeting held on 31st May and 1st June 2013, 17th meeting held on 6th July 2013, 19th meeting held on 9th and 10th September 2013 and 25th meeting held on 14th and 15th February 2014 AND on the basis of the supporting documents enclosed with the application viz., the Form - 1, Form - 1A, pre-feasibility report and the additional clarifications including the EIA report and risk assessments furnished in response to the observations, the SEAC Kerala recommended environmental clearance to the project.

The proposed project is to construct tankage of 5670 KL for storage of Aviation Turbine fuel at the existing Kozhikode depot of M/s Indian Oil Corporation Limited, for supplying to nearby Calicut Airport and to augment the storage capacity for petrol by constructing tank for 900 KL to meet the increased demand. Presently Kozhikode depot is having storage capacity of 19373 KL for diesel, kerosene and petrol. The depot is situated in an area of 22.9 acres of land near Feroke Railway station in Kozhikode district. Receipt of products to the depot is through rail wagons and facility for unloading

Environmental Clearance No. 87/SEIAA/KL/447/2013

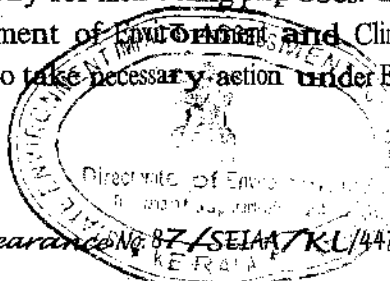
and transfer of products to above ground storage tanks is already available.

Present water requirement for the depot is 8000 Litres/Day. After incorporation of proposed facilities it may increase marginally to 8500 Litres/day. Water requirement is met by 2 numbers of bore wells available within depot premises. One Rain Water Harvesting unit of 20 KL capacity is proposed and one unit of 24 KL is already available. Practically, no effluent is discharged outside the premises of Oil Depot. Sanitary waste water from toilets, canteen and wash room is treated in septic tanks and is disposed off in soak pits. The non-sanitary waste water such as waste water generated due to floor washings, etc. is passed through Oil Water Separator (OWS) for removal of pollutants. The physico-chemical characteristics of the Surface as well as Ground water samples collected within the study area are in good agreement with IS: 10500 and the outlet of OWS meets the requirements mentioned under "General Standard for Discharge of Environmental Pollutants, Part-A, Effluents". The oil free treated waste water is utilized for maintenance of afforested areas of Kozhikode Oil Depot. Only Class A & Class B Petroleum Products are stored and relevant OISDs are followed. Permission for sludge disposal up to 24KL (about 20 MT) is granted by PCB as per norms.

The SEIAA, after due consideration of the relevant documents and additional clarifications submitted by the project proponent, and in view of the recommendations of SEAC, approved for issuance of Environmental Clearance for the project mentioned above at its 27th meeting held on 11th March 2014. Accordingly, the State Level Environment Impact Assessment Authority (SEIAA) Kerala constituted by Govt. of India vide Notification No. S.O. 2484(E) dt.3-11-2011 of Ministry of Environment and Forests, Govt. of India, published as Gazette extraordinary No. 2074 on 3-11-2011, and further amended by Govt. of India vide Notification No. S.O. 546(E) dt.25.02.2014 of Ministry of Environment and Forests, Govt. of India, published as Gazette extraordinary No. 466 dated 25-02-2014, hereby accord Environmental Clearance for the proposed additional tankage for motor spirit and facilities for receipt, storage and delivery through Tank lorries of ATF at Village Karavanthuruthy, Tehsil & District Kozhikode, Kerala by M/s Indian Oil Corporation Limited as per powers vested with it under the provisions of Environment Impact Assessment Notification - 2006 and its subsequent amendments, subject to strict compliance of the following specific conditions, and the general conditions contained in the Annexure, which shall also form a part of this document.

1. Green belt to be provided on the boundaries of the eastern half where settlement is seen.
2. Fire and safety measures should be ensured during construction stage also.
3. Facilities in the premises should confirm to the standards laid down by PESO/OISD regarding safety of oil installations against fire, spillage, etc.
4. Waste management including spillage should be as per KSPCB guidelines.

Compliance of the above conditions will be monitored by the Directorate of the Department of Environment and Climate Change, Government of Kerala or its agencies and also by the Regional Office of the Ministry of Environment and Forests, Government of India located at Bangalore. Necessary support for entry and inspection should be provided by the project proponent to the staff of the Directorate and Ministry for monitoring purposes. In case of non-compliance of conditions, noted, if any, the Director, Department of Environment and Climate Change shall report the matter to the District Collector concerned to take necessary action under Environment Protection Act 1986.



The given address of correspondence of the Authorized Signatory of the project is:- Sr. Depot Manager, M/s Indian Oil Corporation Ltd., Kozhikode Depot, Mannarpadam, Feroke, Kozhikode - 673631.

Agency with NABET accreditation for EIA is:- M/s Project & Development India Ltd (PDIL), CIFT Building, PDIL, Sindri, District-Dhanbad, Jharkhand - 828122.

The validity of EC is for a period of 5 years.



Sd/-
P.K. Mohanty IAS
Member Secretary, SEIAA
and Addl. Chief Secretary to Government
Environment, Forest & Wildlife Departments

To

✓ Sr. Depot Manager
M/s Indian Oil Corporation Ltd.
Kozhikode Depot, Mannarpadam
Feroke, Kozhikode - 673631.

Copy to :

1. IA-Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi - 110003
2. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bangalore-560034
3. The Addl. Chief Secretary to Government, Environment Dept., Government of Kerala
4. The Principal Secretary to Government, Local Self Government Department
5. The District Collector concerned
6. The Director, Dept. of Environment and Climate Change, Govt. of Kerala, Tvm - 24.
7. Chairman and Members of SEIAA Kerala
8. Chairman, SEAC Kerala
9. Website uploading
10. Stock file

Forwarded/ By Order

P. Sreekantan Nair
Director, DoECC

(Secretariat of SEIAA/ SEAC Kerala)

C. P. Nair
Sr. Depot Manager
Indian Oil Corporation Ltd.
Kozhikode Depot, Feroke
Kozhikode - 673 631

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA
GENERAL CONDITIONS *(for projects other than mining)*

- (i) Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified elsewhere.
- (ii) Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- (iii) Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.
- (iv) The project shall incorporate devices for solar energy generation and utilization to the maximum possible extent with the possibility of contributing the same to the national grid in future.
- (v) Safety measures should be implemented as per the Fire and Safety Regulations.
- (vi) STP should be installed and made functional as per KSPCB guidelines including that for solid waste management.
- (vii) The conditions specified in the Companies Act, 2013 should be observed for Corporate Social Responsibility.
- (viii) The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
- (ix) Consent from Kerala State Pollution Control Board under Water and Air Act(s) should have been obtained before initiating activity.
- (x) All other statutory clearances should have been obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.
- (xi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
- (xii) The Authority 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 Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (xiii) The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including 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, 2006.
- (xiv) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.


(xv) A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.

(xvi) The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the Directorate of Environment and Climate Change, Govt. of Kerala.

(xvii) The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40.


(xviii) The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.

Approved/ For issue


P. Sreekantan Nair
Director, DoECC
(Secretariat of SEIAA/ SEAC Kerala)



Sd/-
Member Secretary, SEIAA Kerala


C. P. Nair
Sr. Depot Manager
Indian Oil Corporation Ltd
Kozhikode Depot, Ponnala
Kozhikode - 673 461