

J-11011/166/2016-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
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Dated: 12th July 2016

To,

Ms. S. Kongari
General Manager
The Fertilizer Corporation of India Limited
PDIL Bhawan (5th Floor),
A-14, sector-1,
Noida-201 301,
Gautam Budh Nagar, U. P.

Subject: Ammonia-Urea Fertilizer Project (Ammonia-2200 MTPD; Urea 3850 MTPD) at Tehsil Gorakhpur, District Gorakhpur, Uttar Pradesh by M/s Fertilizer Corporation of India Limited (FCIL).- TOR reg.

Ref. No.: Your Proposal no. IA/UP/IND2/54269/2016; dated 8th June, 2016.

Sir,

Kindly refer your online proposal no IA/UP/IND2/54269/2016 dated 8th June, 2016 alongwith project documents including Form-I, Pre-feasibility Report and draft 'Terms of Reference' as per the EIA Notification, 2006. It is noted that proposal is for setting up of Ammonia-Urea Fertilizer Plant (Ammonia-2200 MTPD; Urea 3850 MTPD) within the existing site of FCIL Gorakhpur at Tehsil Gorakhpur, District Gorakhpur, Uttar Pradesh by M/s Fertilizer Corporation of India Limited (FCIL).

2. Draft Terms of Reference (TOR) have been discussed and finalized by the 10th Expert Appraisal Committee (Industry -2) held during 11th July, 2016 for preparation of EIA/EMP report. The Committee prescribed the following Specific and Additional TOR in addition to Generic TOR provided at Annexure-I (Refer Ministry's website) for preparation of EIA-EMP report:

A. Specific TOR

1. Details on requirement of energy and water alongwith its source and authorization from the concerned department.
2. Energy conservation in ammonia synthesis for urea production and comparison with best technology.
3. Details of ammonia storage and risk assessment thereof.
4. Measures for control of urea dust emissions from prilling tower.
5. Measures for reduction of fresh water requirement.

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6. Details of proposed source-specific pollution control schemes and equipments to meet the national standards for fertilizer.
7. Management plan for solid/hazardous waste including storage, utilization and disposal of by products viz., spent catalyst etc.
8. Details on existing ambient air quality for PM₁₀, PM_{2.5}, Urea dust*, NH₃*, SO₂*, NO_x*, HF*, F*, Hydrocarbon (Methane and Non-Methane) etc., and expected, stack and fugitive emissions and evaluation of the adequacy of the proposed pollution control devices to meet standards for point sources and to meet AAQ standards. (*as applicable).
9. Details on water quality parameters in and around study area such as pH, Total Kjeldhal Nitrogen, Free Ammonical Nitrogen, free ammonia, Cyanide, Vanadium, Arsenic, Suspended Solids, Oil and Grease, *Cr as Cr⁺⁶, *Total Chromium, Fluoride, etc.

B. Additional TOR

- i. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made.
- ii. Layout map indicating existing greenbelt and proposed greenbelt with different colour and details (in ha./m²). Green belt should be developed around periphery of the proposed fertilizer plant having atleast width of 30 m
- iii. Number of existing trees to be cut.
- iv. List of items in plant configuration indicating new and old to be utilized.
- v. Ambient air quality monitoring shall be done for all 12 parameters.
- vi. Efforts shall be made to bring down the water consumption upto 6 m³ per MT of urea production. Detailed plan for water conservation including reuse and recycling.
- vii. Effluent management scheme based on zero effluent discharge concept.
- viii. Energy should be conserved by providing solar power unit for lighting of administrative building and street lighting.
- ix. Traffic management plan for transfer of raw materials as well as despatch of products.
- x. Action plan for disposal of existing stored hazardous waste for example chromium sludge etc.
- xi. Management of construction and demolition waste generated from the existing unit as per Municipal Solid Waste Management Rules (SWM), 2016 and Hazardous Waste Management Rules, 2016.

3. These 'TORs' should be considered for the preparation of EIA / EMP report for setting up of Ammonia-Urea Fertilizer Plant (Ammonia-2200 MTPD; Urea 3850 MTPD) at Tehsil Gorakhpur, District Gorakhpur, Uttar Pradesh by M/s Fertilizer Corporation of India Limited (FCIL) in addition to all the relevant information as per the 'General Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The EIA/EMP as per TORs should be submitted to the Chairman, State Pollution Control Board, (SPCB) for public consultation. The SPCB shall conduct the public hearing/public consultation as per the provisions of EIA notification, 2006.

4. You are requested to kindly submit the final EIA/EMP prepared as per TORs and incorporating all the issues raised during Public Hearing / Public Consultation to the Ministry for

considering the proposal for environmental clearance *within 3 years as per the MoEF O.M. No. J-11013/41/2006-IA.II (I) dated 8th October, 2014.*

5. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India / National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc.



(Lalit Bokolia)
Additional Director

Copy to:

- 1) The Additional Principal Chief Conservator of Forests, Regional Office (Central Zone, Lucknow) Kendriya Bhavan, 5th Floor, Sector-H., Aliganj, Lucknow-226024.
- 2) The Chairman, Uttar Pradesh Pollution Control Board, PICUP Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow - U.P.



(Lalit Bokolia)
Additional Director

