

Date 26.05.2016

The Secretary
Ministry of Environment, Forests & Climate change
(IA division)
Paryavaran Bhavan
CGO COMPLEX, Lodhi Road
NEW DELHI 110003

Respected Sir,

Subject :- **Environmental Clearance for**

1. Energy Improvement Project of Ammonia and Urea Plants.
2. 1 million t/y DAP/NPK Project.
3. Poly Carboxyl Ether (PCE) Project of 18,000 t/y.

Mangalore Chemicals & Fertilizers Ltd (MCF) is an 'Adventz' Group Company, a large and diversified business house. The main products of MCF are Urea, Di-Ammonium Phosphate (DAP), NP 20:20:00:13, Ammonium Bi-Carbonate (ABC) - Food grade, Sulphuric Acid, Specialty Mixtures of Plant Nutrients consisting of Water Soluble Fertilizers, Micronutrients & Soil Conditioners and an Industrial Product called Sulphonated Naphthalene Formaldehyde (SNF) used in construction industry.

MCF proposes the following projects at the existing facilities in Mangalore.

1. **Energy Improvement Project of Ammonia and Urea Plants:** To modernize the existing facilities at Mangalore by taking up modernization project for energy improvement in Ammonia & Urea plants. The modernization will enable in reducing Urea energy consumption to 5.75 Gcal/t. This is necessitated as per the GOI notification No. 12012/1/2015-FPP dated 25-05-2015 on Urea. The project also results in revamping the plant capacity and reduction of fuel consumption in Ammonia plant. This project will also improve Particulate Matter emission levels in Urea prill tower. The project cost is Rs. 540 crores and timeline is 24 months.
2. **1 Million t/y DAP / NPK Project:** To put up new brown field project of 1 Million t/y DAP/NPK project at Mangalore looking at existing supply / demand gap and as a part of growth strategy. The project cost is Rs. 987 crores and time line is 30 months.

3. **Poly Carboxyl Ether (PCE) Project of 18,000 t/y:** To install Poly Carboxyl Ether Project (PCE) as a part of growth / diversification strategy. It is identified that there is an excellent growth potential for Poly Carboxylate Ether (PCE). PCE produces concrete with high levels of workability without segregation and provides higher strengths. PCE is an excellent super plasticizers component for concrete application and is considered superior to any other super plasticizers component. The capacity of the proposed PCE project is 18000 t/y and project cost is Rs. 20 crores.

All above projects are environmental friendly and there will be no additional burden on environment as adequate technologies shall be incorporated to handle liquid effluent, solid waste and gaseous emissions. There will be no additional water drawl due to the above projects as requirements shall be managed with existing contract demand and incorporating water conservation measure.

No additional land acquisition is required as all the plants will be installed inside the existing premises. Moreover, EIA was carried out during 2011-12 for our existing fertilizer complex for conversion of feedstock from Naphtha to Natural Gas in Ammonia plant and fuel from furnace oil to Natural Gas in Boilers and Captive Power Plant. As per the EIA study report, all the parameters are well within the standards.

We are enclosing herewith the filled in FORM-1 for environmental clearance as per EIA notification 2006. We are also enclosing a brief Pre-feasibility Report and Terms of Reference (TOR) with respect to above projects.

We would also like to bring to your kind notice that the existing fertilizer complex of MCF is located in the Karnataka Industrial Area Development Board (KIADB) notified Baikampady Industrial Area, Mangalore, Dakshina Kannada District, Karnataka State and hence as per Clause 7 (i) III Stage (3), Public Consultation – (i) (b) of MoEF Notification dated 14th September, 2006 (as amended till 2009), public consultation is not required.



Mangalore Chemicals
& Fertilizers Limited

We request your good office at the Ministry of Environment, Forest & Climate Change for exemption of EIA studies and Public Consultation and, kindly accord Environmental Clearances for the following projects:

1. Energy Improvement Project of Ammonia and Urea Plants.
2. 1 million t/y DAP / NPK Project.
3. Poly Carboxyl Ether (PCE) Project of 18,000 t/y.

Thanking you,

Yours faithfully,

K. PRABHAKAR RAO
DIRECTOR - WORKS