

On receipt of the above details, the projects would be re considered for appraised.

Agenda No. 124-02:

F.No: 6636/2018

Proposed production of Linear Alkyl Benzene Sulphonic Acid (LABSA) - M/s. Detergeo Chem Private Limited by New India Group at plot No. F-52, SIPCOT industrial complex, Karumbukuppam Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu - for Environmental Clearance

(SIA/TN/IND2/30139/2018)

The project proponent gave a detailed presentation on the salient features of the project and informed that:

1. The project is located at
 - a) 13°24'48.91"N Latitude, 80°6'44.10"E Longitude
 - b) 13°24'48.20"N Latitude, 80°6'47.28"E Longitude
 - c) 13°24'46.92"N Latitude, 80°6'46.90"E Longitude
 - d) 13°24'47.68"N Latitude, 80°6'43.56"E Longitude
2. The total plot area is 4048 sq.mts (0.4048 hectares). The break up details for the building are as follows :
 - a. Production shed - 1400 sq.m
 - b. UG Water Tank/Cooling towers - 96 sq.m
 - c. Sulphur Yard - 80 sq.m
 - d. Tank Farm - 336 sq.m


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- e. DG/Electrical (G+1) - 54 sq.m
- f. Repair Workshop - 36 sq.m
- g. Store/office/LAB/Canteen - 105 sq.m
- h. ETP/Septic Tank - 60 sq.m
- i. Car Parking - 36 sq.m
- j. Green belt area - 1336 sq.m
- k. Roads - 509 sq.m

Total area - 4048 sq.m

3. The green belt is 1336 Sq.m(33 % of the total area).
4. Raw material requirements:
 - a. Linear Alkyl Benzene - 90 TPD
 - b. Alpha Olefin - 90 TPD
 - c. Lauryl Ether - 90 TPD
 - d. Lauryl Alcohol - 90 TPD
 - e. Sulphuric Acid 98% - 10TPD
 - f. Caustic soda Liquid- 10 TPD
 - g. Sulfur - 13 TPD
5. Source of water is from SIPCOT. The total water requirement is 155 KLD and the break up are as follows:
 - a. Process utilization -2 KLD
 - b. Boiler make up -23 KLD
 - c. Cooling tower make up -122 KLD
 - d. Alkali Scrubber - 5 KLD
 - e. Domestic -2 KLD
 - f. Gardening - 1 KLD
6. The domestic sewage that would generate is approximately 1.6 KLD. Waste water will be collected and fed into the Effluent treatment plant appropriately. The domestic sewage will be treated through septic tank and soak pits. The treated water from ETP will be reused for Alkali Scrubber.

7. Effluent generated from the process is 5.1 KLD. Treated Effluent plant of capacity 5 KLD @ the rate of 1 m³/hr with 5hrs of service cycle. Treated water will be reused for process application and floor washings

8. Resource requirement:

- a. Power and fuel requirement -787.5 kVA
- b. Power back up through DGs - 630 KW (backup)
- c. Man Power -29

9. Solid waste Management (after Enhancement)

Hazardous

- a. Used or spent Oil - 25l/year (used within premises as a lubricant/ sell to registered recycler)
- b. Sulphur Sludge - 0.5 MT/year (given to authorized waste disposable facility charges: 17,000/MT)
- c. ETP waste - 1 MT/year(given to authorized waste disposable facility charges: 17,000/MT)

Non Hazardous

- a. Food and Garbage - 5 kg/day (in SIPCOT/Municipal vehicle or vermin compost)
- b. Wooden and Packaging - 100 kg/year (Scrap dealer/Collector)
- c. Palstic scrap - 500 kg/year (Scrap dealer)
- d. MS scrap - 2000 kg/year (Scrap dealer)

The SEAC noted the following:

- 1. The project proponent Detergeo Chem Private Limited by New India Group has applied for seeking environmental clearance with EIA report to SEIAA-TN on 06.12.2018 for Detergeo Chem Private Limited by New India Group at plot No. F-52, SIPCOT industrial



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complex, Karumbukuppam Village, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu

2. The project/activity is covered under Category "B1" of Item 5(f) "Synthetic Organic Chemical" of the Schedule to the EIA Notification, 2006.
3. The proponent has applied ToR to MoEF&CC through online on 25.08.2018 in the name of M/s. New India Group and standard ToR was issued to the said unit vide No.IA-J-11011/267/2018-IA-II(I) dated 29.09.2018 with public hearing.

The proposal was placed in the 124th SEAC Meeting held on 01.04.2019. The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished, the committee instructed the project proponent to furnish the following details:

1. The Standard Terms of Reference issued by MoEF&CC vide No.IA-J-11011/267/2018-IA-II(I) dated 29.09.2018 was in the name of M/s. New India Group. But, the proponent has submitted EIA report in the name of Detergeo Chem Private Limited. Hence, the proponent is requested to clarify.
2. Further, the standard ToR was issued with public hearing by the MoEF vide No.IA-J-11011/267/2018-IA-II(I) dated 29.09.2018. But, the proponent has not submitted minutes of the public hearing. It is requested to submit the same.

On receipt of the above details, the projects would be re considered for appraised for EC.