



सत्यमेव जयते

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, TAMILNADU

From: DR.S.KALYANASUNDARAM,I.F.S.(RETD), CHAIRMAN , 3rd Floor, Panagal Maaligai, No.1 Jeenis Road, Saidapet Chennai- 600 015.	To:Thiru B.Dhinakar,CFO No.4/5 First Floor, Bharathiyar Street, Irumbuliyur, Tambaram, Chennai - 600 045.
---	--

Letter No.SEIAA-TN/F 4726 / 2015 / KPM / 8(b) /ToR- 238/2015 Dt.06.01.2016.

Sir ,

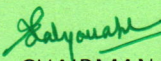
Sub: SEIAA, Tamilnadu - Proposed Industrial Park of **Sojitz Motherson Industrial Park (SMIP)** at S.No-18/1A1,1A2,1A3.1A4,etc of Singadivakkam village, & 119/8,20/1,2,3,4,5,11 etc of Mummalpattu village, Athivakkam Panchayat, Kancheepuram District in total land area of 274.362 acres under Category B 1 - and Schedule S.No 8(b) by M/s.Motherson Auto Solutions Ltd –ToR Issued - Reg.

Ref: 1.Your Application no.nil dated 21.12.2015.
2. Minutes of 71st SEAC meeting.

Your attention is invited to the subject and reference cited, wherein applications were made for Environmental Clearance under EIA Notification, 2006 for the proposed project. The Proposal was placed in the **71st SEAC meeting** held on 29th, 30th and 31st December 2015 as **Table Agenda**.

The Project Proponent, submitted application Form-1, IA and conceptual plan for obtaining Environmental Clearance for the proposed Industrial Park of **Sojitz Motherson Industrial Park (SMIP)** at S.No-18/1A1,1A2,1A3.1A4,etc of Singadivakkam village, & 119/8,20/1,2,3,4,5,11 etc of Mummalpattu village, Athivakkam Panchayat, Kancheepuram District in total land area of 274.362 acres under Category B 1- and Schedule S.No 8(b) by M/s.Motherson Auto Solutions Ltd on 21.12.2015 to SEIAA-TN. The proposal is for Plot development & providing Infrastructural amenities to Industrial and commercial Infrastructure.

The subject was placed in the 71st SEAC meeting held on 30.12.2015 and the Committee observed that the above project comes under Category "B2" and Item No 8 (b) of the Schedule. After the presentation made by the proponent and the documents

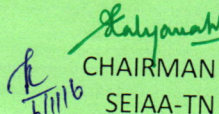

CHAIRMAN
SEIAA-TN
6/1/16

furnished, the Committee prescribed TOR for the preparation of EIA report along with certain details as per Annexure - I, with following additional details:-

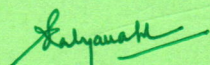
1. OSR and Green Belt shall be provided separately as per norms and revised Land break- up details shall be furnished.
2. Area earmarked for Green belt shall be 33% of Total Land Area. Detailed report on Green belt proposed shall be brought in EIA Study report.
3. The issue of ToR is subject to outcome of any litigation pending against the project in any Court of LAW.[W.P.No.30078 of 2013 in High Court of Madras].
4. Ground water shall not be abstracted as it is falling under "Critical Area".
5. Certificate shall be obtained from PWD and Revenue Department that there is no encroachment of Original Boundary of any water body such as River, Lake, Pond,Eri etc .
6. The Sewage water treated or untreated shall not be diverted to the nearby lake.(Selleri Lake).

Further, on scrutiny of the proposal, the following additional particulars are also required to consider your request

1. Name of the Promoter with exact designation and authorisation from the management.
2. Land use classification Certificate obtained from Competent Authority (DTCP / CMDA/ Local Body)
3. In case of unclassified areas, Permissibility certificate by competent authority for the proposed activity DTCP / CMDA/ Local Body.
4. Planning permission issued by DTCP/CMDA/ Local Body
5. Specific source of water supply and permission from the concerned authority (Central Ground Water Board/CMWSSB/TWAD Board/ Municipal Corporation/Municipality as the case may be) for water during construction and operation.
6. Calculation of water requirements for various purposes as per CPHEEO guidelines.
7. Details of generation and treatment of sewage during construction and location of STP at the project site marked in a map
8. Mode of disposal of treated sewage during construction and operation. Disposal of treated effluent for roadside avenue plantation is not acceptable because monitoring such activity is not possible. Hence alternate mode of disposal shall be furnished.
9. Preventive measures to avoid leaching of treated sewage/ trade effluent into nearby water courses/lakes etc., if treated sewage is used for gardening.
10. Method of calculation of quantity, Mode of collection, treatment and disposal of:
 1. Solid waste including excavated earth, debris during construction
 2. Municipal Solid waste (Bio degradable, non-biodegradable, recyclable)
 3. Bio Medical Waste (if applicable)
 4. Hazardous Waste (if applicable).


CHAIRMAN
SEIAA-TN

- 11 Details of the Dual plumbing system, in case of treated sewage is utilised for toilet flushing, with the detailed storage tank facilities proposed.
- 12 Details of separate pipeline system to convey the treated sewage for green belt development and marking of the same in map.
- 13 Details of flood occurrence in area and Authenticity certificate from Revenue officials; proposed measures in case of occurrence of flood.
- 14 Details of Rain Water Harvesting, with numbers and area of each harvesting bed.
- 15 Noise pollution control measures with size and numbers proposed.
- 16 Details of Stack height for Diesel Generator Sets, with supporting calculations.
- 17 Energy conservation measures as per Energy Conservation Building Code .
- 18 Environment Monitoring Plan during Construction and Operation Phase
- 19 EMP budget provisions for each category of EMP
- 20 500 m radius village map from the boundary of the site showing the Survey No. with salient feature such as residences, water bodies etc.,
- 21 Layout-Map (1:2500 scale) showing all survey numbers.
- 22 Contour map of the site with 500m radius from the boundary.
- 23 Details of Natural drainages like canal channel if any within the site and its confluence point with areal distance from the boundary.
- 24 Photographs with the inbuilt date stamp on the stage of construction as on date.
- 25 Copies of Approval obtained from Tamilnadu Fire Services and Rescue Services Department.
- 26 Separate plan marked with different colour with the following details.
 - Location of STP, compost system, underground sewer line.
 - Pipe Line conveying the treated effluent for green belt development.
 - Pipe Line conveying the treated effluent for toilet flushing
 - Water supply pipeline
 - Gas supply pipe line if proposed
 - Telephone cable
 - Power cable
27. Traffic congestion study report.
28. Details of R& D Centre and Restaurant proposed. Whether Water consumption, Waste water are included in water balance.


CHAIRMAN
SEIAA-TN

29. Whether any CETP is proposed at Site. It is to inform that if CETP is included the Item No. 7(h) in the Schedule will be applicable.

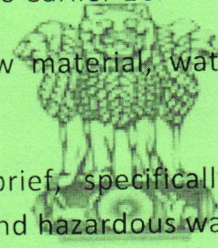
30. Specific Report on how it is proposed to achieve Zero Liquid Discharge as reported by the Proponent.

Annexure -I

Executive Summary of the EIA/EMP Report

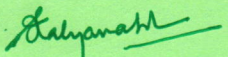
The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points:

- 1) Project name and location (Village, District, State, and Industrial Estate (if applicable)).
- 2) Products and capacities. If expansion proposal then existing products with capacities and reference to earlier EC.
- 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative)
- 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- 5) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- 6) Capital cost of the project, estimated time of completion.
- 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt/ private land, status of its acquisition, nearby (in 2-3 km.) water body, population, with in 10km other industries, forest , eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)
- 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population
- 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- 10) Likely impact of the project on air, water, land, flora-fauna and nearby population
- 11) Emergency preparedness plan in case of natural or in plant emergencies
- 12) Issues raised during public hearing (if applicable) and response given



வாய்மையே வெல்லும்

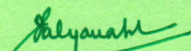
SEIAA
TN


CHAIRMAN
SEIAA-TN

- 13) CSR plan with proposed expenditure.
- 14) Occupational Health Measures.
- 15) Post project monitoring plan.

STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR TOWNSHIP/ AREA DEVELOPMENT PROJECTS AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT.

- 1) Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
- 2) Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
- 3) Examine baseline environmental quality along with projected incremental load due to the project.
- 4) Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
- 5) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
- 6) Submit the details of the trees to be felled for the project.
- 7) Submit the present land use and permission required for any conversion such as forest, agriculture etc.
- 8) Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
- 9) Ground water classification as per the Central Ground Water Authority.
- 10) Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
- 11) Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
- 12) Examine soil characteristics and depth of ground water table for rainwater harvesting.
- 13) Examine details of solid waste generation treatment and its disposal.
- 14) Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
- 15) DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.

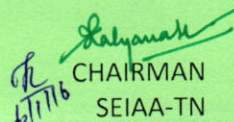

CHAIRMAN
SEIAA-TN

- 16) Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
- 17) A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
- 18) Examine the details of transport of materials for construction which should include source and availability.
- 19) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
- 20) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
- 21) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 22) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 23) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Townships>."

The following general points shall be noted:

All documents shall be properly indexed, page numbered. Period/date of data collection shall be clearly indicated.

1. Authenticated English translation of all material provided in Regional languages.
2. The letter/application for EC shall quote the SEIAA. File No. and also attach a copy of the letter.
3. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report.
4. Certificate of Accreditation issued by the QCI to the environmental consultant shall be included.
5. The prescribed TORs would be valid for a period of Three years for submission of the EIA/EMP reports, as per the O.M. No. J- 11013/41/2006-IA.II(I) dated 22.08.2014. As per the Ministry of Environment, Forest and Climate Change Impact Assessment Division, Government of India, Circular Memo No.J-11013/41/2006-Ia-II(I) (Part) dated 7th November, 2015.
6. After preparing the draft EIA (as per the generic structure prescribed in Appendix-III of the EIA Notification, 2006) covering the above mentioned issues, the proponent will take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification, 2006. The final EIA

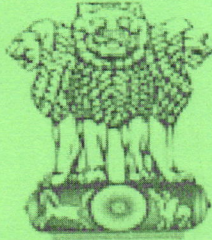

CHAIRMAN
SEIAA-TN

/ EMP shall be submitted to the SEIAA - Tamilnadu for obtaining Environmental Clearance.

The Committee prescribed the above TORs for preparation of EIA/EMP reports. The proponent should prepare **EIA / EMP** Report based on the above TORs and submit the same to the SEIAA, TN for obtaining EC within three years as per MoEF&CC, GOI, O.M.No.j-11013/41/2006-IA.II(I) (Part) dated 7th November 2014.

The TORs prescribed shall be valid for a period of Three years from the date of issue, for submission of the EIA/EMP report.

The receipt of this letter may be acknowledged



सत्यमेव जयते

6/11/16

CHAIRMAN
SEIAA-TN

Copy to :-

1. The Principal Secretary to Government, Environment & Forests Dept, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Principal Secretary to Government, Public Works Department, Govt. of Tamilnadu, Fort St. George, Chennai - 9.
3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
4. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
5. The CCF, Regional Office, Ministry of Environment & Forest (SZ), 1st & 2nd Floor, Cathedral Garden Road, Nungambakkam, Chennai -34,
6. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi 110003.
7. Stock File.

6/11/16
CHAIRMAN
SEIAA-TN