



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY - TAMIL NADU

DR. S. KALYANASUNDARAM, I.F.S. (Retd.)

CHAIRMAN

3rd Floor, Panagal Maaligal,
No.1, Jeenis Road, Saidapet,
Chennai-600 015.
Phone No :044-24359974
Email : cmantnselaa@yahoo.co.in

To : Mr. S. Balakrishna Menon

Project Director

M/s.J.Matadee Free Trade Zone Private
Limited

No. 14, Rutland Gate IV Street,
Chennai - 600 006.
Phone: 044 2427757
Email: sbkrishnamenon@gmail.com.

Lr.No.SEIAA-TN /F.No-2664/2014/8(b)/EC-466 KPM/2016/dated /17.05.2016

Sir,

Subject :- SEIAA-TN Environmental Clearance - Proposed Expansion of Free Trade warehouse Zone (IFTWZ) in a Notified Area at 434/A5, 435/2, etc Mannur Village, 220/1, 220/2, 220/3, Valarpuram Village, Sriperumbudur Taluk, Kancheepuram District for the proposed project of M/s. J. Matadee Free Trade Zone Private Limited, (JMTFZ) under category B, schedule No-8(b) - Issue of Environmental Clearance- Reg.

**SEIAA
TN**

This has reference to your application dated 06.06.2014 and further communication on the above mentioned subject.

The project activity is covered in 8(b) of the Schedule and falls under 'B1' category. As per the amendment dated 01.12.2009 to the EIA notification, 2006, the industrial estate of area less than 500 ha but containing building and construction projects > 20,000 sq.m and or development area more than 50 ha will be treated as activity listed at serial no. 8 (a) or 8 (b) in the schedule as the case may be.

In this proposal, no 'A' or 'B' category industry has been proposed to be housed and also the development area of 96.80 ha, with Notified area of 84.775ha is more than 50 ha and hence, this project is considered as 8 (b) category which requires EIA report and does not require Public Consultation, as per Para 7(i) III Stage (3) (d) 'Public Consultation' of EIA Notification, 2006.

S. Kalyanasundaram
Chairman
SEIAA-TN
27/11



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee, Tamilnadu in its 71st meeting and decided to recommend the project for issue prior environment clearance by SEIAA, and SEIAA after careful consideration decided to issue Environmental Clearance in its 173rd meeting held on 27.04.2016 based on the Information submitted by you which are extracted below.

Sl No.	Particulars	Details
1	Name of the Project	Proposed Expansion of Notified Free Trade Warehousing Zone (FTWZ) by M/s.J.Matadee Free Trade Zone Private Limited
2	Name, address, e-mail & contact number of Proponent	Mr. S. Balakrishna Menon Project Director M/s. J. Matadee Free Trade Zone Private Limited (JMFTWZ) No. 14, Rolland Gate, IV Street, Chennai – 600 006 Phone: 0442227187, Email: sbkrishnamenon@gmail.com
3	Name, address, e-mail & contact number of Consultant	Registered Office: Vimta Labs Limited 142, IDA Phase II, Cherlapally Hyderabad – 500 051 Tel: 040 2726 4141, 4444 Email: vimtalabs@vimta.com Branch office: Vimta Labs Limited 8, First Floor, Azad Road R.S. Puram, Coimbatore – 641 002 Phone: 0422 2541519 Email: coimbatore@vimta.com
4	Accreditation of consultant (NABET Accreditation)	163 in QCI-NABET TN
5	New Project / Expansion in existing project/ Modernization/ Diversification in existing project	Expansion in an existing project
6	If expansion / Diversification, whether EC has been obtained for existing project.	The existing phase has built up area of only 19,260.395 sq.m. It doesn't attract EIA notification 2006 so EC was not required earlier.
7	Activity schedule in the EIA Notification	8(b), "B2" Townships and Area Development projects

Chairman
 SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

8	Area Details	<p>Total plot area : 96.8 ha (239.30 acres)</p> <table border="1"> <thead> <tr> <th>Sl.No</th><th>Particulars</th><th>Area(sq.mt)</th></tr> </thead> <tbody> <tr><td>1.</td><td>Plot Coverage area(Phase I&II)</td><td>34210.948</td></tr> <tr><td>2.</td><td>Road area</td><td>44606.373</td></tr> <tr><td>3.</td><td>Pond area</td><td>18432.149</td></tr> <tr><td>4.</td><td>Parking area</td><td>10344.103</td></tr> <tr><td>5.</td><td>Pavement area</td><td>13451.524</td></tr> <tr><td>6.</td><td>Common facilities</td><td>2056.037</td></tr> <tr><td>7.</td><td>Green belt area</td><td>193686.402</td></tr> <tr><td>8.</td><td>Vacant land</td><td>651644.474</td></tr> <tr> <td colspan="2">Total Area</td><td>968432.01</td></tr> </tbody> </table> <p>SEZ Notified Area : 84.775 ha (209.5 acres) (i.e > 50ha). As per G.O.No.315 dated 10.03.2008 and G.O No.812 dated 21.05.2009 Area to be developed in this Phase : 16.48 ha. Built-Up Area : Phase-I (Existing) built-up area : 19,260.395 sq.m Phase-II (Proposed Expansion)-built-up area : 21,581.434 sq.m Total built-up area : 40,841.829 sq.m</p>	Sl.No	Particulars	Area(sq.mt)	1.	Plot Coverage area(Phase I&II)	34210.948	2.	Road area	44606.373	3.	Pond area	18432.149	4.	Parking area	10344.103	5.	Pavement area	13451.524	6.	Common facilities	2056.037	7.	Green belt area	193686.402	8.	Vacant land	651644.474	Total Area		968432.01
Sl.No	Particulars	Area(sq.mt)																														
1.	Plot Coverage area(Phase I&II)	34210.948																														
2.	Road area	44606.373																														
3.	Pond area	18432.149																														
4.	Parking area	10344.103																														
5.	Pavement area	13451.524																														
6.	Common facilities	2056.037																														
7.	Green belt area	193686.402																														
8.	Vacant land	651644.474																														
Total Area		968432.01																														
9	Name of the Notified Industrial area / MIDC area	The area under development is declared as Sector specific Special Economic Zone (SEZ) for Free Trade Warehouse facilities as per Gazette notification released by Ministry of Commerce & Industry on 10 th March 2008 and in 21 st May 2009.																														
10	TOR given by SEAC? (If yes then specify the meeting)	<p>The project proposal was appraised in the 64th SEAC meeting held on 20.03.2015 vide item number 64-37. The committee observed that the total project area is > 50 ha and the project proposal comes under Item No. 8(b) Area development Projects & category 'B1' of the schedule to the EIA notification, 2006.</p> <p>Based on the presentation made and documents furnished, the committee prescribed the Terms of Reference (ToR) for undertaking EIA study vide SEIAA letter SEIAA/TN/F-2664/KPM/8(b)/M-LXIV/TOR-219/2014 dated 31.03.2015.</p>																														
11	Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)	Estimated total project cost for infrastructure development under this project is Rs. 127.80/- Crores																														
12	Location details of the project:	<p>Site Coordinates:</p> <table border="1"> <thead> <tr> <th></th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>13° 01' 42.12" N</td><td>79° 57' 50.84" E</td></tr> <tr> <td>B</td><td>13° 01' 40.84" N</td><td>79° 58' 00.75" E</td></tr> </tbody> </table>		Latitude	Longitude	A	13° 01' 42.12" N	79° 57' 50.84" E	B	13° 01' 40.84" N	79° 58' 00.75" E																					
	Latitude	Longitude																														
A	13° 01' 42.12" N	79° 57' 50.84" E																														
B	13° 01' 40.84" N	79° 58' 00.75" E																														

[Signature]
Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY - TAMIL NADU

		<table border="1"> <tr><td>C</td><td>13° 01' 44.39" N</td><td>79° 58' 01.71" E</td></tr> <tr><td>D</td><td>13° 01' 37.01" N</td><td>79° 58' 05.00" E</td></tr> <tr><td>E</td><td>13° 01' 27.23" N</td><td>79° 57' 51.68" E</td></tr> <tr><td>F</td><td>13° 01' 27.45" N</td><td>79° 57' 51.68" E</td></tr> <tr><td>G</td><td>13° 01' 27.28" N</td><td>79° 57' 48.84" E</td></tr> <tr><td>H</td><td>13° 01' 24.84" N</td><td>79° 48' 40.44" E</td></tr> <tr><td>I</td><td>13° 01' 24.71" N</td><td>79° 57' 50.29" E</td></tr> <tr><td>J</td><td>13° 01' 18.80" N</td><td>79° 57' 52.22" E</td></tr> <tr><td>K</td><td>13° 01' 19.44" N</td><td>79° 57' 44.22" E</td></tr> </table>	C	13° 01' 44.39" N	79° 58' 01.71" E	D	13° 01' 37.01" N	79° 58' 05.00" E	E	13° 01' 27.23" N	79° 57' 51.68" E	F	13° 01' 27.45" N	79° 57' 51.68" E	G	13° 01' 27.28" N	79° 57' 48.84" E	H	13° 01' 24.84" N	79° 48' 40.44" E	I	13° 01' 24.71" N	79° 57' 50.29" E	J	13° 01' 18.80" N	79° 57' 52.22" E	K	13° 01' 19.44" N	79° 57' 44.22" E
C	13° 01' 44.39" N	79° 58' 01.71" E																											
D	13° 01' 37.01" N	79° 58' 05.00" E																											
E	13° 01' 27.23" N	79° 57' 51.68" E																											
F	13° 01' 27.45" N	79° 57' 51.68" E																											
G	13° 01' 27.28" N	79° 57' 48.84" E																											
H	13° 01' 24.84" N	79° 48' 40.44" E																											
I	13° 01' 24.71" N	79° 57' 50.29" E																											
J	13° 01' 18.80" N	79° 57' 52.22" E																											
K	13° 01' 19.44" N	79° 57' 44.22" E																											
		<p>S. F Nos. Mannur Village</p> <p>434/A5, 435/2, 435/1G, 435/1H, 435/1E, 435/1F, 436/1A, 436/2A, 436/1B, 437/1A, 442/2, 443/2, 444, 448, 451/1, 451/2, 452/1, 453/2, 454/8A, 454/8B, 20/1A, 20/1B, 20/2, 20/3A, 20/3B</p> <p>Valarpuram Village</p> <p>220/1, 220/2, 220/3, 220/4A, 220/5, 220/4B, 220/6, 220/6B, 220/7, 220/8, 220/9, 220/10A, 220/10B, 220/11, 220/13, 221/1A, 221/2A1, 221/2A2, 221/4A, 221/4B, 221/5, 219/3, 219/2, 219/1, 219/4, 218/1, 218/2, 218/3, 218/4, 218/6</p> <p>Village Mannur and Valarpuram</p> <p>District Kancheepuram</p> <p>State Tamil Nadu</p> <p>Elevation 441 m AMSL</p>																											
13	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-state boundaries	<ul style="list-style-type: none"> Meyyur R.F - 1.0 km, NNE Gudupakkam R.F - 2.0 km, NNE Nallur R.F - 10.7 km, SE 																											
14	Raw materials (including process chemicals, catalysts, & additives).	No production activity will be carried out in the warehousing facility. So, there is no need for raw materials.																											
15	Production details	Since it is only a warehousing facility no production activities will be carried out.																											
16	Process details / manufacturing details	No production or manufacturing activity will be involved in the Warehousing Facility																											
17	Rain Water Harvesting (RWH)	The total rain water run-off quantity of 1593.37 cu.m / day of water shall be routed to rainwater harvesting pond. From the																											

Kalyanath
Chairman
SEIAA-TN



सत्यमेव जयते



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY - TAMIL NADU

		pond, the water will be treated and used within facility.																								
18	Total Water Requirement	<table><tr><td colspan="3">Total water requirement – 23.0 KLD</td></tr><tr><td>Description</td><td>Quantity in KLD</td><td>Source</td></tr><tr><td>Domestic water except flushing</td><td>16.0</td><td rowspan="2">Rainwater harvesting ponds (2Nos.) and Borewells .</td></tr><tr><td>Flushing requirement</td><td>7.0</td></tr></table>	Total water requirement – 23.0 KLD			Description	Quantity in KLD	Source	Domestic water except flushing	16.0	Rainwater harvesting ponds (2Nos.) and Borewells .	Flushing requirement	7.0													
Total water requirement – 23.0 KLD																										
Description	Quantity in KLD	Source																								
Domestic water except flushing	16.0	Rainwater harvesting ponds (2Nos.) and Borewells .																								
Flushing requirement	7.0																									
19	Storm water drainage	2 Ponds of area 12496.97 Sq.m. The storage volume is more than 10% of entire runoff volume of the wet season.																								
20	Sewage generation and treatment	Sewage generation (80%) – 19.8 KLD Sewage Treatment Plant of capacity: 65 KLD(Considering Future Expansion) Extended Aeration Activated Sludge Process, Add on partition type. Treated water & sludge from STP used for greenbelt maintenance.																								
21	Effluent characteristics	No ETP is proposed for the project सत्यमेव जयते																								
22	Solid waste Management	<table><tr><th>Sr. No.</th><th>Source</th><th>Qty (TPM)</th><th>Form (Sludge / Dry / Slurry etc.)</th><th>Composition</th></tr><tr><td>1</td><td>STP</td><td>0.45</td><td>Sludge</td><td></td></tr><tr><td>2</td><td>Process (General Garbage)</td><td>0.30</td><td>Dry</td><td></td></tr></table>	Sr. No.	Source	Qty (TPM)	Form (Sludge / Dry / Slurry etc.)	Composition	1	STP	0.45	Sludge		2	Process (General Garbage)	0.30	Dry										
Sr. No.	Source	Qty (TPM)	Form (Sludge / Dry / Slurry etc.)	Composition																						
1	STP	0.45	Sludge																							
2	Process (General Garbage)	0.30	Dry																							
23	Stack emission Details: DG sets provided by Allottee Industries.	<table><tr><td colspan="6">No DG Sets or emission machineries are proposed by the developer.</td></tr><tr><th>Plant Section & units</th><th>Stack No.</th><th>Height from ground level (m)</th><th>Internal Diameter (Top) (m)</th><th>Emission rate (m³/min)</th><th>Temp. of Exhaust Gases</th></tr><tr><td>DG sets (1 x 125 KVA)</td><td>1</td><td>3m</td><td>0.6</td><td>-</td><td>-</td></tr><tr><td>3 x 30 KVA</td><td>2-4</td><td>3m(each)</td><td>0.6(each)</td><td>-</td><td>-</td></tr></table>	No DG Sets or emission machineries are proposed by the developer.						Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (Top) (m)	Emission rate (m ³ /min)	Temp. of Exhaust Gases	DG sets (1 x 125 KVA)	1	3m	0.6	-	-	3 x 30 KVA	2-4	3m(each)	0.6(each)	-	-
No DG Sets or emission machineries are proposed by the developer.																										
Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (Top) (m)	Emission rate (m ³ /min)	Temp. of Exhaust Gases																					
DG sets (1 x 125 KVA)	1	3m	0.6	-	-																					
3 x 30 KVA	2-4	3m(each)	0.6(each)	-	-																					

Kalyanash
Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

24	Details of Fuel to be used:	No fuel consuming machines are used in the premise						
		Sr. No.	Fuel	Daily Consumption (TPD/KLD)		Calorific value (Kcals/Kg)	% Ash	% Sulphur
				Existing	Proposed			
		1	HSD	1.15	1.15	10800		0.1
25	Energy	Power Supply : Proposed power requirement : Phase-I- 361 KVA Complete Project – 3000 KVA (TANGEDCO).						
26	Green Belt Development	Green belt area: 40,713.59 sq. m						
27	Details of Pollution Control Systems:	Sr. No.		Existing pollution control system		Proposed to be installed		
		1		-		-		
		2		Septic tank		STP		
		3		Installation of Acoustic enclosures		Installation of Acoustic enclosures		
		4		Handed over to local body		To be handed over to Local body.		
28	Environmental Management plan Budgetary Allocation	Capital cost: Rs. 86 Lakhs O & M Cost per annum: Rs. 25 Lakhs/annum						
		Sr. No.	Description	Budgetary allocation (Rs.in lakhs)				
				Capital Cost	O & M Cost per annum			
		Construction Phase:						
		1.	Site Sanitation Facilities	5.0	---			
		2.	Disinfection & Health Checkup	4.0	---			
		3.	Environmental Monitoring	3.0	---			
		Operational Phase:						
		1.	Site Sanitation Facilities, STP &	52.0	8.0			

[Signature]
Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY - TAMIL NADU

		others		
		2. Rainwater Harvesting Scheme	20.0	1.0
		3. Air Pollution Control Measures	---	1.0
		4. Disinfection & Health Checkup	---	2.0
		5. Solid Waste Management	5.0	3.0
		6. Environmental Monitoring	---	10.0
		Total	86.0	25.0
35	EIA Submitted (If yes then submit the salient features)	EIA report has been submitted to SEIAA, Tamil Nadu.		
36	Public hearing report (If public hearing conducted then submit the salient features)	Public hearing is not necessary for Activity 8(b), Category "B2" Townships and Area Development projects		
38	CSR	As per MoEF & CCDCOI guidelines.		

SEIAA
TAMIL NADU

The SEIAA-TN hereby accords Environmental Clearance to this project under the provisions of the EIA Notification 2006 as amended, with Validity for SEVEN years from date of issue, subject to the compliance of the following conditions:-

(A) Conditions for Pre Construction Phase:-

- 1) The project authorities should advertise with basic details at least in two local newspaper widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN and a copy of the same should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai.
- 2) In the case of any change(s) in the scope of the project, a fresh appraisal by the

Kalyanash
Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

SEAC/SEIAA shall be obtained.

- 3) A copy of the clearance letter shall be sent by the proponent to the Block development officers of Panchayat union and the Local NGO, if any, from whom suggestions /representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the Proponent.
- 4) "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy of the same shall be submitted to the SEIAA, Tamil Nadu before start of construction activity at the site.
- 5) Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- 6) The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake and adequacy of fire fighting equipments, etc as per National Building Code including protection measures from lightning etc.
- 7) All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.
- 8) Design of buildings should be in conformity with the Seismic Zone Classifications.
- 9) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.

(B) Construction Phase

- 10) "Consent for Establishment" shall be obtained by Project proponent as well as by all member industries from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu before taking up of any construction activity at the site.
- 11) Project proponent shall not alter, change or reroute the natural course of the water bodies either partly or wholly and shall ensure to take every precautionary steps to

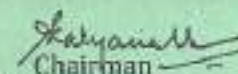

Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

keep the alignment, direction of flow, size etc of the water bodies to have its natural and smooth passage in existence over year.

- 12) Project proponent shall ensure that any construction/ development activity shall not change or alter the course of storm water flow either directly or indirectly and shall ensure that every precautionary step shall be taken to ensure the natural existence of waterways with respect to the nearby lakes.
- 13) Project proponent shall mandated that all member units provide complete closed pipeline system for the collection, storage and Reuse systems for the treated sewage/ trade effluent generated from the individual industry with provisions to ensure regular treated sewage/ effluent sample collection periodically from all the individual industries to ensure the degree of treatment and also to ensure complete compliance of the standards prescribed by the TNPCB.
- 14) Project proponent shall adhere the following conditions and also mandate the same for all its member units to adhere the conditions.
 - a) The excavated earth / construction debris must be used within the premises only.
 - b) The solid waste in the form of excavated earth excluding the top soil scientifically utilized for approach road and peripheral roads constructions.
 - c) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.
 - d) Disposal of other construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed of only in approved sites with the approval of competent authority with necessary precautions for general safety and health aspects of people.
 - e) Adequate potable drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
 - f) All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.
 - g) For disinfection of waste-water, system using ultra violet radiation shall be adopted.


Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

- h) For Solid-waste management, composting arrangements shall be provided for biodegradable waste at site.
- i) All the labourers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
- j) A First Aid Room shall be provided with qualified personnel during operation of the project.
- k) Vehicles hired for bringing construction materials to the site should be in good operable condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.
- l) Ambient air and noise level should conform to standards prescribed by the TNPCB both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase and results of monitoring shall be furnished to the Tamilnadu Pollution Control Board by recording base-line data of recent origin. Adequate measures to reduce air and noise pollution during construction shall be adopted, conforming to the norms prescribed by the TNPCB on noise limits.
- m) Building materials composed wholly or partly of fly Ash should be used in the construction activities as per the provision of Fly ash Notification of September, 1999 as amended in August, 2003.
- n) Ready mixed concrete must be used in building construction.
- o) Storm water control and its re-use shall be as per CGWB and BIS standards for various applications.
- p) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- q) Roof should be designed to meet prescriptive requirement of Energy Conservation Building Code (ECBC) by the use of appropriate thermal insulation material.
- r) The probable date of commissioning of the project supported with necessary bar charts shall be furnished to the SEIAA, Tamil Nadu.
- s) JMFTZ shall conduct EIA study for one season excluding rainy season for all parameters such as water, air, noise, waste water etc and submit to SEIAA before March 2017.


Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY - TAMIL NADU

(C) Operation Phase

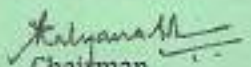
- i) Project proponent shall ensure that the water bodies shall be kept in their natural course without any change in its alignment, direction, capacity etc during entire operation phase of the project.
- ii) Project proponent shall also ensure that the catchment area of the adjacent lakes shall not be disturbed or realigned or redistributed or restricted etc during the entire operation phase of the project.
- iii) No bund shall be formed around the premises of JMFTZ which obstruct the rain water flow to the lakes located abetting the Industrial Park.
- iv) Project proponent shall mandate all member units to ensure that the treated sewage/ trade effluent collection, storage and Reuse system shall not have any access to the water bodies. All precautionary steps shall be effectively taken and shall be continuously monitored by the Developer to prevent the leachate or discharge of the treated sewage/ trade effluent into canal lakes.
- v) Project proponent shall ensure that the Green Belt Development as committed including the premises owned by the individual industries and a saving clause in the allotment/sale deed executed with every industry shall be provided.
- vi) Project proponent shall ensure that no allotment letter/ sale deed in any form shall be made to house category A or category B industry as prescribed in the schedule of EIA notification 2006. However, it is liberty to the Developer to make fresh application for EC before the concerned authority if the Developer so desires to allot / sale the industrial plot for the individual industry to house category A or category B type of industry as prescribed in the schedule of EIA notification 2006 for fresh Environment Clearance (EC).
- vii). Project proponent shall house in the Industrial park only industries that do not attract the provision of EIA Notification 2006 as committed.
- viii) The water requirement shall be met from Rainwater harvesting ponds and through CMWSSB as committed, by Project proponent
- ix) The measures contemplated in the EIA report shall be adhered to by the Project proponent



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY - TAMIL NADU

- x) Project proponent shall mandate the member units of the Industrial Park to discharge emissions within permissible limits only and to install adequate APC measures and to allot adequate land for green belt development and to install rain water harvesting structures.
- xi) Project proponent shall ensure separate plan of action for disposal of treated sewage during monsoon months such as optimal / minimized usage of water, regulate the application of treated sewage to avoid stagnation etc.
- xii) The Project proponent shall ensure that storm water drain provided at project site shall be maintained without chocking for stagnation and should also ensure that the storm water shall be properly disposed in the natural drainage course.
- xiii) Project proponent as well as its member units shall mandated to comply the following conditions:
1. The proponent should also ensure to keep necessary road width as per O.M. dated 7.2.12 of MOEF, GOI, New Delhi with respect to high rise buildings.
 2. The Plastic wastes shall be segregated and disposed through authorized recyclers.
 3. A First Aid Room shall be provided with qualified personnel during operation of the project.
 4. A separate cell shall be formed and kept in readiness with suitable trained personnel for handling of fire fighting equipments / operations.
 5. The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, etc. and the noise level shall be maintained as per MoEF / CPCB / TNPCB guidelines / norms both during day and night time.
 6. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable variety.
 7. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for a portion of the buildings shall be provided.

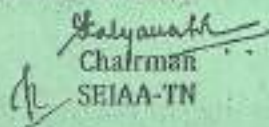
SEIAA
TN


Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

8. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized.
9. A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology, R & U factors etc and submitted to the SEIAA in three month's time.
10. Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.
11. Project proponent shall collect periodical water samples in the adjacent lakes and sufficient well water samples at least once in 3 months for physio-chemical and biological analysis and shall send the baseline data for record. The compiled annual Report of Analysis shall be forwarded to TNPCB to ascertain the changes in the quality of the lake water, if any, followed by remediation / action.
12. It is mandatory for the Project proponent to furnish to the SEIAA, Half yearly compliance report in Hard and Soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental Clearance.
13. The SEIAA reserves the right to add additional safeguard measures subsequently, if found non compliance of EC conditions and to take action including revoking of this Environmental Clearance as the case may be.
14. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent, if it was found that Construction of the project has been started without obtaining Environmental Clearance, and for action for any violation of any condition stipulated in the Environmental Clearance.
15. The proponent shall 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 Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Chennai and the TNPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack


Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

16. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
17. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.
18. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
19. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chennai.
20. The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
21. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Chennai, the respective Zonal Office of Central Pollution Control


Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

Board, SEIAA, TN and the State Pollution Control Board.

22. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
23. The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
24. This Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.
25. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
26. The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
27. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
28. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability


Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India / Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.

29. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


CHAIRMAN
SEIAA -TN

Copy to:-

1. The Principal Secretary to Government,
Environment & Forests Department,
Govt. of Tamil Nadu, Fort St. George,
Chennai – 600 009.
2. The Chairman,
Central Pollution Control Board, Parivesh Bhavan,
CBD Cum-Office Complex, East Arjun Nagar,
New Delhi 110032.
3. The Member Secretary,
Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy,
Chennai - 600 032.
4. The ACCF(C), Regional Office of MoEF,
34, hepc Building, 1 & 2 nd Floors,
Cathedral Garden Road, Nungampakkam,
Chennai - 600 034.
5. Monitoring Cell, I A Division,
Ministry of Environment & Forests,

Chairman
SEIAA-TN



STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

Paryavaran Bhavan, CGO Complex,
New Delhi 110003.

6. The District Collector, Dt. Collectorate,
Kancheepuram District.
7. The Commissioner ,
Sriperumbudur Taluk,
Kancheepuram District.
8. Stock File



SEIAA
TN