

APPENDIX I
FORM-1

(I) Basic Information

S.No	Item	Details
1.	Name of the Project	"Divya Sree Point IT Park"
2.	S. No. in the schedule	8a
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled.	Total plot area : 15060 sq.m Total built up area : 75282.21 sq.m
4.	New/Expansion/Modernization	Expansion
5.	Existing Capacity/Area etc.	Existing built up area: 53129 sq.m Existing ground coverage : 5796.75 sq.m
6.	Category of Project i.e., 'A' or 'B'	B
7.	Does it attract general condition? If yes, please specify.	N.A
8.	Does it attract specific condition? If Yes, please specify.	N.A
9.	Location	
	Plot/Survey/Khasra No.	SNO. 449/1A, 450/1,450/2A and 450/2B
	Village	Sholinganallur
	Tehsil	Sholinganallur
	District	Kancheepuram
	State	Tamil Nadu
10.	Nearest Railway Station/Airport along with distance in kms.	Tambaram Railway station - 16 km Chennai Central -23.6 km Chennai Air port - 20 km
11.	Nearest Town, City, District Headquarters along with distance in kms.	Thiruvannamiyur - 11.7 km Kancheepuram - 68.3 km
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Sholinganallur town panchayat 269 - Rajiv Gandhi salai, Sholinganallur, Chennai 044-24500923
13.	Name of Applicant	Mr. A. Padmanabha
14.	Registered Address	Divyasree Infrastructure Developers Pvt. Ltd . Door No 07, Rajiv Gandhi Salai, Old Mahabalipuram Road, Sholinganallur, Chennai -600119

15.	Address for correspondence:	
	Name	Mr. A. Padmanabha
	Designation (Owner/Partner/CEO)	Authorised Signatory
	Address	Door No 07, Rajiv Gandhi Salai, Old Mahabalipuram Road, Sholinganallur, Chennai
	Pin Code	600119
	E – mail	padmanabha@divyasree.com
	Telephone No.	044 - 24502020
	Fax. No.	044 - 24502020
16.	Details of Alternate Sites examined, if any. Location of these sites should be shown on a topo sheet	No alternative sites examined.
17.	Interlinked Projects	No
18.	Whether separate application of interlinked project has been submitted?	N.A
19.	If yes, date of submission	NA
20.	If no, reason	Since it is an IT park construction no interlinked projects are envisaged.
21.	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given. (a) The Forest (Conservation) Act, 1980? (b) The Wildlife (Protection) Act, 1972? (c) The C.R.Z. Notification, 1991?	No
22.	Whether there is any Government Order/Policy relevant/relating to the site?	Environmental Clearance from MoEF vide Letter no 21-486/2007. IA-III dated 3 rd September, 2008 is enclosed in Annexure-1
23.	Forest Land involved (hectares)	No
24.	Whether there is any litigation pending against the product and/or land in which the project is propose to set up? (a) Name of the Court (b) Case. No. (c) Orders/Directions of the court, if any and its relevance with the proposed project.	No

(II) Activity

- 1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)**

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	No	The proposed project site is earmarked as general industrial zone as per the CMDA Land use Map CMDA Land Use classification is attached as Annexure 2 . Planning permission from CMDA is enclosed in Annexure-3
1.2	Clearance of existing land, vegetation and building?	No	Clearance of vegetation is not required.
1.3	Creation of new land uses	No	No new land use will be created.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Soil investigation Report is enclosed in Annexure - 4 .
1.5	Construction works?	Yes	The construction activities will be confined within the project site only. The construction shall basically involve foundation, framed structure using RCC, walls made of fly ash blocks, plastering, flooring, painting and solar energy to light up common areas.
1.6	Demolition Works?	No	No demolition is required.
1.7	Temporary sites used for construction works or housing of construction workers?	No	Laborers will be hired from the nearby areas. Hence there will not be any labor camp. The sewage generated during construction phase will be treated in septic tank & soak pits.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Approximately around 96142 cum of soil would be excavated for foundations. The excavated earth will be used for back filling, soft landscaping, road formation and top soil will be stacked separately and used for green belt development
1.9	Underground works including mining or tunneling?	No	Not Applicable.
1.10	Reclamation works?	No	Not Applicable
1.11	Dredging?	No	Not Applicable
1.12	Offshore structures?	No	Not Applicable

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data																																						
1.13	Production and manufacturing Process?	No	Not Applicable																																						
1.14	Facilities for storage of goods or materials?	Yes	Temporary storage will be done at the project site during the construction phase. Separate raw material handling yard will be made as per requirement. Cement will be separately stored under covered bags. Sand will be stacked neatly under tarpaulin cover. Bricks and steel will be laid in open. The raw material handling yard will be located within the project site and separated by enclosures.																																						
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	Solid Waste About 5050 kg/ day of solid wastes are likely to be generated due to the proposed project. <table><tr><th>Waste</th><th>Quantity (kg/day)</th><th>Treatment method</th></tr><tr><td>Organic</td><td>2236</td><td rowspan="2">Treated in Organic Waste converter and used as manure</td></tr><tr><td>STP Sludge</td><td>80</td></tr><tr><td>Inorganic</td><td>2734</td><td>Sold to authorised recyclers</td></tr></table> Hazardous Wastes: <table><tr><th>Name of the waste</th><th>Quantity</th><th>Mode of disposal</th><th>Area of land earmarked for storage and disposal</th></tr><tr><td>Used Oil</td><td>5550 KL/A</td><td rowspan="3">Disposed to TNPCB Approved Vendor</td><td rowspan="3">Waste storage area - 75sqm</td></tr><tr><td>Waste / residue containing oil</td><td>1.0 T/A</td></tr><tr><td>E-Waste</td><td>6.1 T/A</td></tr></table> Authorization for Hazardous waste will be obtained from TNPCB before operation of the project. Liquid Effluent Total Quantity of water required 355 KLD. Fresh water demand is 237 KLD. <table><tr><th>Phase</th><th>Popul ation</th><th>Quantity of water required</th><th>Sewage/ Effluent generated</th><th>Treatment method</th></tr><tr><td>Constru ction</td><td>150</td><td>7 KLD</td><td>6 KLD</td><td>Septic tanks with soak pits</td></tr><tr><td>Opera tion</td><td>7890</td><td>355</td><td>308</td><td>STP of 340 KLD</td></tr></table>	Waste	Quantity (kg/day)	Treatment method	Organic	2236	Treated in Organic Waste converter and used as manure	STP Sludge	80	Inorganic	2734	Sold to authorised recyclers	Name of the waste	Quantity	Mode of disposal	Area of land earmarked for storage and disposal	Used Oil	5550 KL/A	Disposed to TNPCB Approved Vendor	Waste storage area - 75sqm	Waste / residue containing oil	1.0 T/A	E-Waste	6.1 T/A	Phase	Popul ation	Quantity of water required	Sewage/ Effluent generated	Treatment method	Constru ction	150	7 KLD	6 KLD	Septic tanks with soak pits	Opera tion	7890	355	308	STP of 340 KLD
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Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
			Source: CMWSSB After treatment, total treated water quantity is 292 KLD. Treated water will be reused for Toilet Flushing (118 KLD), HVAC make up (88 KLD), Gardening (6 KLD) & Excess treated water (80 KLD) will be disposed into CMWSSB sewer line. Water Balance is enclosed in Annexure- 5 . Requisition for Water supply & letter for excess treated water disposal from CMWSSB is enclosed as Annexure- 6
1.16	Facilities for long term housing of operational workers?	No	No long-term housing facilities proposed as most of the skilled/unskilled manpower required for the operation activities will be hired from the surrounding villages.
1.17	New road, rail or sea traffic during construction or operation?	No	The existing Old Mahabalipuram road (OMR) will be used as access road.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc.?	No	N.A
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	There will not be any closure or diversion of existing transportation routes
1.20	New or diverted transmission lines or pipelines?	No	Not envisaged
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of	No	Not Applicable

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
	watercourses or aquifers?		
1.22	Stream crossings?	No	No stream crossings exist in the site
1.23	Abstraction or transfers of water from ground or surface waters?	No	Fresh water demand will be met from CMWSSB.
1.24	Changes in water bodies or the land surface affecting drainage or run-off	No	There will not be any change in the drainage pattern or nearby water bodies.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	The existing OMR will be utilized for the transportation of material and personnel during construction and operation phase.
1.26	Long-term dismantling or decommissioning or restoration works?	No	Not Applicable
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not Applicable
1.28	Influx of people to an area in either temporarily or permanently?	Yes	Influx of the people in both phases will be temporarily. <u>Construction phase</u> Around 150 people will be engaged for the activity temporarily. <u>Operation phase</u> Since the proposed project is a commercial building development, there will be temporary influx of 7890 people.
1.29	Introduction of alien species?	No	Not envisaged
1.30	Loss of native species or genetic diversity?	No	Not envisaged
1.31	Any other actions?	No	-

2. Use of Natural resources for construction or operation of Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply).

Sr. No.	Information/Checklist Confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data																				
2.1	Land specially undeveloped or agricultural land (ha)	No	The proposed project site is earmarked as general industrial zone as per the land use of CMDA.																				
2.2	Water (expected source & competing users) unit KLD	Yes	The total water requirement will be 355 KLD <table><tr><th>Source</th><th>Quantity</th><th>Source</th><th>Competing Users</th></tr><tr><td>Fresh water requirement</td><td>237KLD</td><td>CMWSSB water</td><td>Nil</td></tr><tr><td>Treated waste water for toilet flushing.</td><td>118 KLD</td><td>Recycling of waste water</td><td>Nil</td></tr><tr><td>HVAC</td><td>88 KLD</td><td>Recycling of waste water</td><td>Nil</td></tr><tr><td>Landscaping</td><td>6 KLD</td><td>Recycling of waste water</td><td>Nil</td></tr></table>	Source	Quantity	Source	Competing Users	Fresh water requirement	237KLD	CMWSSB water	Nil	Treated waste water for toilet flushing.	118 KLD	Recycling of waste water	Nil	HVAC	88 KLD	Recycling of waste water	Nil	Landscaping	6 KLD	Recycling of waste water	Nil
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2.3	Minerals (MT)	No	Not applicable																				
2.4	Construction material – stone, aggregates, and/soil (expected source-MT)	Yes	<table><tr><th>S.No.</th><th>Materials</th><th>Quantity</th></tr><tr><td>1</td><td>Cement</td><td>264167 Nos. Of 50 Kg Bags</td></tr><tr><td>2</td><td>Sand</td><td>26846.7 m³</td></tr><tr><td>3</td><td>Stone aggregates (10 mm)</td><td>4130 m³</td></tr><tr><td>4</td><td>Stone aggregates (20 mm)</td><td>7572 m³</td></tr><tr><td>5</td><td>Reinforcement Steel</td><td>648263 Kg</td></tr></table> Will be sourced from local suppliers.	S.No.	Materials	Quantity	1	Cement	264167 Nos. Of 50 Kg Bags	2	Sand	26846.7 m³	3	Stone aggregates (10 mm)	4130 m³	4	Stone aggregates (20 mm)	7572 m³	5	Reinforcement Steel	648263 Kg		
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2.5	Forests and timber (source-MT)	No	Doors used will be flush doors or panel doors/laminated timbers. Aluminum frame windows will be used.																				

2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Power requirement.		
			Details	Capacity	Source
			Power Requirement	7114 kVA with 3×2500 kVA transformer	TANGEDCO
			Power Back Up	1500 KVA x 6 nos	DG sets
2.7	Any other natural resources (use appropriate standard units)	No	N.A		

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health

Sr. No.	Information/Checklist Confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	No	This is a IT park development project & no storage of hazardous chemicals (as per MSIHC rules), apart from spent oil. Suitable management practice will be adopted for the same. Approximately 1.46 KLD of HSD (low sulphur variety) will be used per day and 4.38 KLD (3 day storage capacity) will be stored in HDPE Drums for DG sets. However, the quantity stored will be below the threshold limit specified by the MSIHC rules. *DG operation- 2hrs/day
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Suitable drainage and waste management measures will be adopted in both construction and operational phase, which will restrict stagnation of water or accumulation of waste. This will effectively restrict the reproduction and growth of disease vectors.

3.3	Affect the welfare of people e.g. by changing living conditions?	No	Not envisaged
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Not envisaged
3.5	Any other causes	No	-

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

Sr. No.	Information/Checklist Confirmation	Yes /No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data											
4.1	Spoil, overburden or mine wastes	No	Not envisaged											
4.2	Municipal waste (domestic and or commercial wastes)	Yes	About 5050 Kg/ day of solid wastes are likely to be generated due to the proposed project. <table><tr><th>Waste</th><th>Quantity (kg/day)</th><th>Treatment method</th></tr><tr><td>Organic</td><td>2236</td><td rowspan="2">Treated in Organic Waste converter and used as manure</td></tr><tr><td>STP Sludge</td><td>80</td></tr><tr><td>Inorganic</td><td>2734</td><td>Sold to authorised recyclers</td></tr></table>	Waste	Quantity (kg/day)	Treatment method	Organic	2236	Treated in Organic Waste converter and used as manure	STP Sludge	80	Inorganic	2734	Sold to authorised recyclers
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4.3	Hazardous wastes (as per hazardous waste management rules)	Yes	Hazardous Wastes: <table border="1"> <thead> <tr> <th>Name of the waste</th><th>Quantity</th><th>Mode of disposal</th><th>Area of land earmarked for storage and disposal</th></tr> </thead> <tbody> <tr> <td>Used Oil</td><td>5550 KL/A</td><td rowspan="3">Disposed to TNPCB Approved Vendor</td><td rowspan="3">Waste storage area - 75sqm</td></tr> <tr> <td>Waste / residue containing oil</td><td>1.0 T/A</td></tr> <tr> <td>E-Waste</td><td>6.1 T/A</td></tr> </tbody> </table> Spent oil of from DG sets will be carefully stored in HDPE drums in isolated covered facility. This spent oil will be sold to vendors authorized by TNPCB/ MoEF for treatment of same. Suitable care will be taken so that spills / leaks of spent oil from storage could be avoided. * DG Operation: 2 Hrs/Day	Name of the waste	Quantity	Mode of disposal	Area of land earmarked for storage and disposal	Used Oil	5550 KL/A	Disposed to TNPCB Approved Vendor	Waste storage area - 75sqm	Waste / residue containing oil	1.0 T/A	E-Waste	6.1 T/A
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4.4	Other industrial process wastes	No	Not Applicable.												
4.5	Surplus product	No	Not Applicable												
4.6	Sewage sludge or other sludge from effluent treatment	Yes	Sewage sludge of 80 kg/day from STP will be used as manure.												
4.7	Construction or demolition wastes	Yes	Construction waste generated will be limited to the construction phase and project site. These will be reused for backfilling after manual segregation. Unusable and excess construction debris will be disposed at designated places in tune with the local norms.												
4.8	Redundant machinery or equipment	No	N.A												
4.9	Contaminated soils or other materials	No	N.A												
4.10	Agricultural wastes	No	N.A												
4.11	Other solid wastes	No	N.A												

5. Release of pollutants or any hazardous, toxic or noxious substances to air (kg/hr)

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data																													
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	During operation phase, DG sets of 1500 KVA x 6 nos capacity provided for power back up will generate air pollutants like SO_x, NO_x. ➤ 6 Nos. Of DG stack with an adequate height shall be provided for safe emission of the flue gases. ➤ DG will be operated only during power failure ➤ While using DG unnecessary load will be eliminated to reduce the emission of pollutants <table><tr><td>S. No</td><td>DG Capacity</td><td>Required Stack Ht (m)</td><td>Proposed Stack Ht (m)</td></tr><tr><td>1</td><td>1500 KVA x 6 nos</td><td>53</td><td>53 m (6 Nos)</td></tr></table> Construction Equipment's <table><tr><th>Construction equipment</th><th>Quantity</th><th>Operating hours/day</th></tr><tr><td>Crane mobile*</td><td>1</td><td>5</td></tr><tr><td>Concrete mixer</td><td>2</td><td>5</td></tr><tr><td>Dozer*</td><td>1</td><td>5</td></tr><tr><td>Truck</td><td>2</td><td>5</td></tr><tr><td>Compactors*</td><td>1</td><td>3</td></tr><tr><td>Pavers*</td><td>1</td><td>5</td></tr></table> *Intermittent use The increase in vehicular density during construction is not expected to be significant. Thus, no major impacts are anticipated on this account.	S. No	DG Capacity	Required Stack Ht (m)	Proposed Stack Ht (m)	1	1500 KVA x 6 nos	53	53 m (6 Nos)	Construction equipment	Quantity	Operating hours/day	Crane mobile*	1	5	Concrete mixer	2	5	Dozer*	1	5	Truck	2	5	Compactors*	1	3	Pavers*	1	5
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Pavers*	1	5																														
5.2	Emission from production processes	No	There is no production as the proposed project is Commercial building .																													
5.3	Emissions from	Yes	This will be restricted to the construction phase and																													

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
	materials handling including storage or transport		construction site only. However, the generation of such emission will be very minimum.
5.4	Emissions from construction activities including plant and equipment	Yes	The fugitive emission will be restricted during the mixing of aggregates. This will be restricted to the construction phase and to the construction site only. It will be minimized by sprinkling water.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	Dust is likely to be generated during construction, this will be minimized by water sprinkling and tarpaulin cover will be provided over stored raw material to reduce dust emission. On site sanitation facilities will be provided for construction workers during construction.
5.6	Emissions from incineration of waste	No	No incineration of waste.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	Open burning of biomass / other material will be prohibited.
5.8	Emissions from any other sources	No	Not Applicable

6. Generation of Noise and vibration, and emissions of Light and heat

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	The machinery which will be used for construction will be of highest standard of reputed make and will adhere to international standard. Hence insignificant impacts due to construction machinery are envisaged. Source of noise in the operational phase will be DG sets and vehicular sources only. The DG sets will be in operation during power failure only. Moreover, the DG room shall be acoustically enclosed.
6.2	From industrial or similar processes	No	Not Applicable

6.3	From construction or demolition	Yes	It has been estimated that during this period the average noise level resulting from construction activities and traffic movement in the adjacent road will be around 80-85 dB (A) during peak hours. During the process workers shall be provided with protective gears.
6.4	From blasting or piling	No	No blasting or mechanized piling will be done in construction phase.
6.5	From construction or operational traffic	Yes	Negligible noise will be generated from vehicular movement in the construction and operational phase.
6.6	From lighting or cooling systems	No	Not Applicable
6.7	From any other sources	No	Not Applicable

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	Spent oil will be handled with utmost care, spent oil will be stored in HDPE drums stationed over concrete platforms, E waste generated during the operation phase will be stored in the designated place and will be directly transferred to vendors authorized to handle such hazardous material.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	The wastewater generated from the houses will be treated in STP and the treated water will be utilized for landscaping, HVAC makeup and flushing purpose.
7.3	By deposition of pollutants emitted to air into the land or into water	No	Proper air pollution control measures will be taken care by providing adequate stack height and

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
			parking facility to avoid deposition of pollutant into nearby land and water.
7.4	From any other sources	No	Not envisaged.
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Not envisaged.

8. Risk of accidents during construction or operation of the project, which could affect human health or the environment

Sr. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	Not envisaged. 4.38 KLD of HSD (low sulphur variety) will be stored in HDPE Drums for DG sets (3 day storage capacity)
8.2	From any other causes	No	N.A
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, could burst etc)?	No	III according to the Indian Standard Seismic Zoning Map. Further it is not flood prone or landslide prone areas. However suitable seismic coefficients in horizontal and vertical directions will be adopted while designing the structures. In case of any Natural disaster/accident-Emergency Preparedness & Response plan must be in place ➤ Emergency siren to be sounded ➤ Systematic evacuation Communication between incident controller & security officer will be done by walkie Talkie/Emergency telephone number

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality.

Sr. No.	Information/Checklist Confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
9.1	Lead to development of supporting, utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: Supporting infrastructure (roads, power supply, waste or waste water treatment, etc) Housing development Extractive industries Supply industries Other	Yes Yes No No No No	Supporting and ancillary development will not cause any consequences Internal Roads, Rainwater Harvesting, STP etc will be provided.
9.2	Lead to after use of the site, which could have an impact on the environment	No	Not applicable
9.3	Set a precedent for later developments	Yes	This may allow commercial & residential developments near the area.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	No effect on any planned project in the locality.

(III) Environmental Sensitivity

Sr. No.	Areas	Name / Identity	Aerial distance (with 15-km) Proposed project location boundary																																															
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Pallikaranai Marsh Guindy National Park	2 km 10 km																																															
2	Areas which are important or sensitive of ecological reasons – wetlands, water courses or other water bodies, coastal zone, biospheres, mountains, forests		<table><tr><th>S.No</th><th>Rivers and Canal</th><th>Aerial distance in km</th></tr><tr><td>1.</td><td>Adyar river</td><td>12.5</td></tr><tr><td>2.</td><td>Buckingham canal</td><td>1.2 km</td></tr></table> <table><tr><th>S.No</th><th>Water body</th><th>Aerial distance in km</th></tr><tr><td>1.</td><td>Pallikaranai marsh</td><td>2 km</td></tr><tr><td>2.</td><td>Sholinganallur lake</td><td>1.5</td></tr><tr><td>3.</td><td>Subramanya lake</td><td>2.0</td></tr><tr><td>4.</td><td>Perumbakkam lake</td><td>4.0</td></tr><tr><td>5.</td><td>Sithalapakkam lake</td><td>5.5</td></tr><tr><td>6.</td><td>Nesavalar Nagar lake</td><td>3.0</td></tr><tr><td>7.</td><td>Arasankazhani lake</td><td>4.3</td></tr><tr><td>8.</td><td>Ottitabakkam lake</td><td>6.4</td></tr><tr><td>9.</td><td>Thalambur lake</td><td>7.4</td></tr><tr><td>10.</td><td>Hasthinapuram lake</td><td>8.0</td></tr><tr><td>11.</td><td>Nanmangalam</td><td>6.0</td></tr></table>			S.No	Rivers and Canal	Aerial distance in km	1.	Adyar river	12.5	2.	Buckingham canal	1.2 km	S.No	Water body	Aerial distance in km	1.	Pallikaranai marsh	2 km	2.	Sholinganallur lake	1.5	3.	Subramanya lake	2.0	4.	Perumbakkam lake	4.0	5.	Sithalapakkam lake	5.5	6.	Nesavalar Nagar lake	3.0	7.	Arasankazhani lake	4.3	8.	Ottitabakkam lake	6.4	9.	Thalambur lake	7.4	10.	Hasthinapuram lake	8.0	11.	Nanmangalam	6.0
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Sr. No.	Areas	Name / Identity	Aerial distance (with 15-km) Proposed project location boundary		
				lake	
			12.	Keelkatalai lake	7.5
			13.	Kovilambakkam Eri	7.0
			14.	Narayanapuram lake	5.5
			15.	Velacheri Eri	9.0
			16.	Perungudi lake	6.5
			17.	Rajakilpakkam lake	8.5
			18.	Pudupakkam lake	15.0
			19.	Periya Eri	10.0
			20.	Chitlapakkam lake	10.0
			21.	Madipakkam Eri	7.0
			S.No	Forest	Aerial distance in km
			1.	Nanmangalam R.F	6.0
			2.	Vandalur R.F	14.0
			3.	Pallikaranai Reserve forest	2.0
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration		S.No	Forest	Aerial distance in km
			1.	Vandalur zoological park	14.5
			2.	Guindy National park	10
			3.	Guindy Snake park	10.5
			4.	Muttukadu backwaters	14.0
4	Inland, coastal, marine or underground waters	Bay of Bengal	2.8 km		
5	State, national	No	N.A		

Sr. No.	Areas	Name / Identity	Aerial distance (with 15-km) Proposed project location boundary			
	boundaries					
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	VGP Golden beach Mayajal Muttukadu boat house , MGM Dizzee world	2.0km 5.0 km 14.0km 8.0 km			
7	Defense installations	Officers training Academy Air force training school	11.0km 11.0 km			
8	Densely populated or built-up area	Sholinganallur Medavakkam Palavakkam Thuraipakkam Madipakkam Velachery Perungudi	1.0 4.0 2.5 3.5 6.9 7.5 7.2			
9	Areas occupied by sensitive man made land uses (<i>hospitals, schools, places of worship, community facilities</i>)		Sl. No	Area	Distance (Kms)	
			Educational Institutions			
			1.	IIT Chennai	10.0	
			2.	Sathyabama University	4.0	
			3.	AMET University	5.8	
			4.	Mohammed Sathak college	0.8	
			5.	Institute of Hotel Mangement and catering technology	10.0	
			6.	Central polytechnic college	11.5	
			7.	CSIR Structural engineering research centre	9.5	
			8.	Institute of road transport	9.0	
			9.	American international school	9.0	
			10.	Anna University	11.5	

Sr. No.	Areas	Name / Identity	Aerial distance (with 15-km) Proposed project location boundary		
			11.	Central leather research institute	10.5
			12.	Karapakkam Govt School	1.0
			13.	Govt High School	1.5
			14.	Vael's billabong international school	3.0
			15.	Pon vidyashram	3.0
			16.	KCG college of technology	2.5
			17.	Asan memorial arts and science and management	3.8
			18.	Mohammed Sathak college of engineering	8.0
			19.	Prince sri venkateshwara engineering college	7.0
			20.	PSBBM OMR	4.5
			21.	Barathi vidyalaya senior secondary school	3.8
			Places of worship		
			1.	Advent church	4.0
			2.	Calvary community church	2.0
			3.	Karapakkam sivan koil	1.0
			4.	Living spring English church	0.8
			5.	Sri Pratyangira devi temple	1.2
			Hospitals		
			1.	Global hospitals	2.8
			2.	Chettinad health city	13.5
			3.	Isari velan mission hospital	7.8
			4.	Kamatchi memorial hospital	5.5
			5.	Saraswathy multispeciality hospital	7.0
			6.	Cancer Institute	10.5
			7.	Tambaram taluk hospital	11.0

Sr. No.	Areas	Name / Identity	Aerial distance (with 15-km) Proposed project location boundary
10	Areas containing important, high quality or scarce resources (<i>ground water resource, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	No	N.A
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are exceeded</i>)	No	N.A
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (<i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i>)	No	N.A

(IV) Proposed Terms of Reference

Not Applicable

Declaration

I hereby given undertaking that the data and the information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

Date: 3-APRIL-2015

Place: CHENNAI



Signature of the applicant

With Name and full address

(Project proponent / Authorized signatory)

