

VIDIYAL RESIDENCY PRIVATE LIMITED

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

EC No. EC22B038TN117178, Dated: 24.05.2022

Sl. No	EC Condition			Compliance Remarks
1	Latitude - 12°34'57.89"N			12°35'03.8"N
2	Longitude - 77°56'33.39"E			77°56'32.1"E
3	Sl. No	Description	Area (SQM)	Actuals
	1	Plinth Area (DORMITORY)	11724.72	11714.734
	2	OSR Area	26069.87	26069.87
	3	Greenbelt Area	39155.54	39155.54
	4	Parking Area	4383.73	4383.73
	5	Road / Paved Area	15878.37	15878.37
	6	Utilities & Other Area	6522.25	5262.45
	7	Future Expansion	150490.73	146271.94
	8	Reservoir Area (A & B)	6473.54	11962.102
4	Total Built up Area - 1,44,247.12 Sq.m			1,41,477.626 Sq.m
5	Water requirement: Construction Phase			Actuals
6	Construction Activity	18 KLD		14.5 KLD
	Labour for Domestic	17 KLD		NA
7	Water requirement: Operation Phase			Actuals
	Total Water Requirement	1930 KLD		Noted. Project is under construction. Requirements are incorporated in design. No Occupancy yet, consumption will start from Operation phase.
	Freshwater Requirement	1174 KLD (Domestic - 1028 KLD & Utility / Kitchen - 146 KLD)		
	Toilet Flushing	528 KLD		
	Greenbelt	228 KLD		
8	Freshwater to be met from the (TWAD/Municipal/Tankers/Borewell/Rainwater Harvesting/Reservoir)			Noted and Complied. Approval from TWAD to provide supply of 1 MLD water is taken. Attached as Annexure 1.
9	Quantity of wastewater generation: Sewage generation - 1467 KLD			Noted. Project is under construction. Requirements are incorporated in design. No Occupancy yet, generation will start from Operation phase
10	Sewage Treatment Plant - 490 KLD Capacity 3 nos (SBR Technology)			Noted. STP of 490 KLD X 3 was planned an occupancy of 12566 No.s as part of EC application. Planned Sewage generation was 1467 KLD for 12566 No.s of occupancy at 116.7 LPCD. However, at present we are occupying the building in phase manner. In 1 st phase, 8000 employees will occupy the place. For 8000 people sewage generation would be 933.6 KLD at 116.7 LPCD. The projected sewage



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		can be treated in the 2 X 600 KLD STP. Capacity of STP will be enhanced along with the increase in occupancy in phase manner. Photos of STP construction are attached as Annexure 8.
	Under Ground STP-1 Nos, Configuration:	Noted. 1 No of above ground STP provided for additional safety and operational efficiency of STP.
	1. Bar Screen Chamber 2. Collection Tank 3. SBR Tank - 1 4. SBR Tank - 2 5. Decanting Tank 6. Sludge Holding Tank 7. Filter Press 8. Pressure Sand Filter 9. Activated Carbon Filter 10. Treated Water Tank 11. Ultra Filtration Tank 12. Hypo Dosing Tank 13. UF Treated Water Tank	Noted and Complied. 1. Bar Screen Chamber 2. Collection Tank 3. SBR Tank - 1 4. SBR Tank - 2 5. Decanting Tank 6. Sludge Holding Tank 7. Centrifuge 8. Pressure Sand Filter 9. Activated Carbon Filter 10. Treated Water Tank (AGL) 11. Ultra Filtration Tank 12. Hypo Dosing Tank 13. UF Treated Water Tank (AGL)
	Above & Under Ground STP - 2 Nos, Configuration:	Actual: 1 No
	1. Bar Screen Chamber 2. Collection Tank 3. SBR Tank - 1 4. SBR Tank - 2 5. Decanting Tank 6. Sludge Holding Tank 7. Filter Press 8. Pressure Sand Filter 9. Activated Carbon Filter 10. Treated Water Tank 11. Ultra Filtration Tank 12. Hypo Dosing Tank 13. UF Treated Water Tank	1. Bar Screen Chamber 2. Collection Tank 3. SBR Tank - 1 4. SBR Tank - 2 5. Decanting Tank 6. Sludge Holding Tank 7. Centrifuge 8. Pressure Sand Filter 9. Activated Carbon Filter 10. Treated Water Tank (AGL) 11. Ultra Filtration Tank 12. Hypo Dosing Tank 13. UF Treated Water Tank (AGL)
11	Mode of Disposal of Treated Water with Quantity	
	Total treated water from STP	1467 KLD
	Toilet Flushing	528 KLD
	Greenbelt & OSR	228 KLD
	Remaining 711 KLD to be disposed after obtaining necessary permission from competent authority as per SEAC recommendation.	
12	Quantity of Solid Waste generated per day, Mode of treatment and Disposal of Solid Waste	
	Construction Phase: Quantity in Kg/day	
	Biodegradable Waste	20
	Non-Biodegradable Waste	30
	Disposed through Village bins	Noted. Project is under construction. Requirements are incorporated in design. No Generation, Hence no disposal
	Disposed through Authorized Vendors	Noted. Project is under construction. Requirements are incorporated in



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				design. No Generation, Hence no disposal
	Construction Waste	25-35	Disposed through Authorized Authority	Disposed as per the recommendation given by the local body. Details provided in Annexure 9.
	STP Sludge	35	Reused to maximum possible & disposed through Authorized Vendor	Noted. Project is under construction. Requirements are incorporated in design. No Generation, Hence no disposal.
	Operation Phase: Quantity in Kg/day			Actuals
	Biodegradable Waste	4430	Treated in Organic Waste Converter & used as manure for Greenbelt	Noted. Project is under construction. Requirements are incorporated in design. No Occupancy yet, generation and disposal will start from Operation phase
	Non-Biodegradable Waste	5895	Handed Over to Authorized Vendor	
	STP Sludge	500	Manure for Gardening	
13	Power requirement - 3795 kVA from TANGEDCO			Noted. Project is under construction. Requirements are incorporated in design. Power projection is 4713 KVA (Due to increase in electrical load in central kitchen)
14	Details of D.G sets with Capacity			Actuals
	1 No of 1250 kVA D.G Set			Noted. Due to increase in Electrical load in central kitchen, modification in no. of DG sets is done. 8 Nos. Of 750 kVA D.G. set. Higher capacity than the proposed DG sets. Attached as Annexure 10
	4 Nos of 1010 kVA D.G Set			
15	Air Pollution Control Measures (Stack) – Proposed Stack Height at 45m above ground level			Noted. Considered as per CPCB norms. Min. 30m stack is required which has been provided and is not adjoining any block and is away from any residential tower
16	Total Greenbelt Area in Sq.m - 39,155.54			Noted and Complied. Greenbelt area provided is 39155.54 Sq.m
17	Proposed total Parking Area is 4,383.73 Sq.m			Noted and complied. Total parking Area provided is 4383.73 Sqm
	Types of Vehicles		Vehicle Nos	Actual
	Buses		100.00	100.00
	Car Parking		11.00	11.00
	Two-Wheeler Parking		1100.00	1100.00
18	Proposed to provide 1m wide rainwater trenches all along the periphery of the site.			Noted and Complied. Storm water drains provided all across the site. Attached as Annexure 11
	Roof top rainwater to be collected in the proposed reservoir area & proposed to provide adequate percolation pits.			Complied. Two reservoirs of cumulative capacity 49000 KL is constructed to collect rainwater from roof tops. Attached as Annexure 12.
19	Total EMP Cost			Actuals
	Capital Cost – 320 Lakh Rs			968.51 Lakhs. Attached as Annexure 7
	Operating Cost – 27.5 Lakh Rs			Noted. Project is under construction. Requirements are incorporated in



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		design. Operating cost will be spent during the operation phase as committed
20	CER Cost - Rs. 2 Crores as per SEAC minutes as committed vide affidavit.	Noted and Complied. CER Cost – Rs 2 Crores. Attached as Annexure 5
	Affidavit Conditions	Actuals
1	We, M/s. Vidiyal Residency private Limited propose to construct housing facility for industrial workers with a built-up area of 1,44,247.12Sq.m under Affordable Rental Housing complexes("ARHC") Scheme of Government of India at S.F.No:200, 201/2, 202/2, 203/1, 203/3, 204, 205, 206/1, 206/3, 207/1, 207/3, 208, 209, 210/1, 210/3, 211/1, 211/3, 212, 218, 273/1, 273/3 of Nagamangalam Village, Denkanikottai Taluk, Krishnagiri District, Tamilnadu	Noted and Complied. Proposed construction of housing facility for industrial workers is built with a built-up area of 1,41,477.626 Sq.m under Affordable Rental Housing complexes("ARHC") Scheme of Government of India at S.F.No:200, 201/2, 202/2, 203/1, 203/3, 204, 205, 206/1, 206/3, 207/1, 207/3, 208, 209, 210/1, 210/3, 211/1, 211/3, 212, 218, 273/1, 273/3 of Nagamangalam Village, Denkanikottai Taluk, Krishnagiri District, Tamilnadu.
2	We hereby solemnly declare and sincerely affirm that we have applied for getting environment clearance to SEIAA, Tamil Nadu for construction of housing facility for industrial workers with a built-up area of 144247.12 sq.m under Affordable Rental Housing complexes("ARHC") Scheme of Government of India at S.F.No:200, 201/2, 202/2, 203/1, 203/3, 204, 205, 206/1, 206/3, 207/1, 207/3, 208, 209, 210/1, 210/3, 211/1, 211/3, 212, 218, 273/1, 273/3 of Nagamangalam Village, Denkanikottai Taluk, Krishnagiri District, Tamilnadu, hereby take oath and state as under in this affidavit.	Noted and Complied. Environmental Clearance No EC22B038TN117178, Dated: 24.05.2022 is obtained from SEIAA for the proposed construction of housing facility for industrial workers with a built-up area of 1,41,477.626 Sq.m under Affordable Rental Housing complexes("ARHC") Scheme of Government of India.
3	The Total Water requirement during construction Phase: 35 KLD (Construction activity - 18 KLD & Labour's - 17 KLD)	Noted and complied. The total water consumption during construction is: 14.5 KLD. Construction Activity: 14.5 KLD. Labour's: NA
4	During Operation Phase: 1,930 KLD (Freshwater 1,174 KLD, Flushing-- 528 KLD & Greenbelt - 228 KLD). We have received in-principal approval from TWAD for 1 MLD of fresh water and remaining freshwater requirement will be met from Borewell and rainwater harvesting.	Noted. Project is under construction. Requirements are incorporated in design. No Occupancy yet, consumption will start after occupancy.
5	Sewage quantity generated would be 1,467 KLD, which would be collected through sewerage system (pipe drain) for treatment in STP. Out of 1,467 KLD of treated water, 528 KLD would be used for flushing, 228 KLD would be used for Greenbelt (in project area and OSR) and the remaining 711 KLD will be supplied to M/s. TATA Electronics Private Limited for manufacturing process, after tertiary treatment.	Noted. Project is under construction. Requirements are incorporated in design. No Occupancy yet, generation and treatment will start after occupancy.
6	We are liable for the operation and maintenance of STP from the date of operation of the project.	Noted and Complied. STP of capacity 2 X 600 KLD is under construction and will be operational during operation phase. Operation and Maintenance will be taken care by us.



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7	Total solid waste generation would be During construction phase: Municipal solid waste of 50 kg/day (Organic - 20 Kg/day, Inorganic - 30 kg/day) & Construction waste of 25-35 kg/day)	Noted and Complied.		
8	During operation phase: Municipal solid waste of 10,325 Kg/day (Organic 4,430 kg/day & Inorganic - 5,895 kg/day) in which Organic waste will be composted through organic waste converter and used as a Manure for Greenbelt. Inorganic waste will be disposed through authorized recyclers.	Noted. Project is under construction. Requirements are incorporated in design. No Occupancy yet, generation will start after occupancy.		
9	All mitigation measures committed for the flood management, Evacuation plan, solid waste disposal, Sewage & effluent treatment & disposal etc., will be followed strictly.	Complied and considered in design. Project is under construction		
10	The total power requirement which will be sourced from TANGEDCO for the proposed project is 3,795kVA. Back-up power supply will be through DG sets-1 x 1250 kVA & 4 x 1010 kVA with a stack height of 45 m AGL.	Noted. Total power required will be sourced from TANGEDCO (4713 kVA). Sufficient DG sets are also provided (8 X 750 KVA) with a stack height of 30m.		
11	In addition, solar water heaters of 15 No's and 25 No's of solar streetlights will be provided, which otherwise would have run on conventional electricity.	Noted. Project is under construction. 15 number of solar heaters will be provided. 8 nos are installed and 7 are in progress. 25 nos of Solar streetlights are planned to be installed.		
12	There will be easy public access for OSR area.	Noted and Complied. Details are provided in Annexure 31.		
13	Rainwater from the rooftop will be drained through rainwater vertical down take pipes. Water will be taken along the natural source and collected in a reservoir and adequate pits will be provided to enhance the ground water recharge based on the sub soil condition.	Noted and Complied. Rainwater will be drained through vertical down take pipes and collected in a reservoir. Details are provided in Annexure 32.		
14	No waste of any type will be disposed-off in any other way other than the approved one.	Noted and Complied.		
15	Total Green belt area in the project site is 39,155.54 Sq. m (15.02%) & OSR area is 26,069.87 Sq.m (10.00%). Indigenous Species will be selected for greenbelt development.	Noted and Complied. Project is under construction and Green Belt of 39,155.54 sq.m and OSR of 26,069.87 sq.m is considered as part of design.		
16	As per the Committee recommendation. M/s. Vidiyal Residency Private Limited will spend Rs. 2.00 Crores (Two crores) for CER activities mentioned as below:	Noted and Complied. All the details are provided in Annexure 5.		
17	Activities	Budget (INR Lakhs)	Actual Budget (INR Lakhs)	Remarks
	Construction of community hall with library and e-seva centre	24	30	Noted and Complied. Construction of community hall with library and e-seva centre completed.
	Establishment of solid waste management centre	15	15	Noted and Complied. Establishment of solid waste



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				management centre completed.
	Farmer awareness programs on soil enrichment, water conservation and increasing productivity	16	16	Noted and Complied. Farmer awareness programs on soil enrichment, water conservation and increasing productivity completed
	Rejuvenation of Nagamangalam lake	29	29	Noted and Complied. Rejuvenation of Nagamangalam lake Phase I completed
	Smart classroom for school in few of the focus	35	35	Noted and Complied. Smart classroom for school in few of the focus completed.
	Solar streetlamps for few of the focus villagers	16	16	Noted and Complied. Solar streetlamps for few of the focus villagers work completed
	Sports ground renovation for schools in few of the focus villages	10	4	Noted and Complied. Sports ground renovation for schools in few of the focus villages completed.
	Upgrading Anganwadi in few of the focus villages	6	6	Noted and Complied. Upgrading Anganwadi in few of the focus villages completed.
	Water supply & rest room for schools and local hospitals in few of the focus villages	44	44	Noted and Complied. Water supply & rest room for schools and local hospitals in few of the focus villages completed.
	Women skill development on dairy and animal husbandry	5	5	Noted and Complied. Women skill development on dairy and animal husbandry completed.
18	Description	Area in Sq.m	Actual Area in Sq.m	
	Total Plot Area	2,60,698.74 Sq.m (26.07 Ha)	2,60,698.74 Sq.m (26.07 Ha)	
	Plinth Area	11,724.72	11714.734	
	OSR Area	26,069.87	26069.85	
	Greenbelt Area	39,155.54	39155.54	



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	Parking Area	4,383.73
	Road	15,878.37
	Utilities & Other Area	6,522.25
	Future Expansion	1,50,490.73
	Reservoir Area	6,473.54
	Built up Area	1,44,247.12 Sq.m (Residential - 1,37,726.485 Commercial & Utilities - 6,522.25)
		1,41,477.626 Sq.m (Residential- 1,34,415.210 Commercial & Utilities-7062.23)
1	SEAC Recommendations: Proposed construction of housing facility for industrial workers under Affordable Rental Housing complexes("ARHC") Scheme of Government of India at S.F. No:200, 201/2, 202/2, 203/1, 203/3, 204, 205, 206/1, 206/3, 207/1, 207/3, 208, 209, 210/1, 210/3, 211/1, 211/3, 212, 218, 273/1, 273/3 of Nagamangalam Village, Denkanikottai Taluk, Krishnagiri District by M/s Vidiyal Residency Pvt Ltd- for Environmental clearance. (SIA/TN/MIS/254981/2022, dated: 04.02.2022)	Noted.
The SEAC Noted the following:		Actual
1	The Project consists of 14 Blocks, G+1st to 10 floors - with total plot area is about 260698.74 Sq.m with Proposed built-up area of 144247.12 Sq.m	Noted. The Project consists of 13 Blocks, G + 11 floors & Dining Block (G+4)- with total plot area is about 260698.74 Sq.m with built-up area of 141477.626 Sq.m.
Specific Conditions:		Actual
1	The proponent shall obtain fresh water supply commitment letter and disposal of excess treated sewage from TWAD/competent authority before obtaining CTO	Complied. Freshwater Supply commitment letter obtained by TWAD board. Attached as Annexure 1
2	The project proponent shall provide sewage treatment plant and treated water shall be utilized for flushing and green belt proposed and excess treated water shall be disposed after obtaining necessary permission from the Competent Authority.	Complied. 2 X 600 KLD capacity STP installed. All the sewage generated will be treated and utilized for toilet flushing and greenbelt maintenance
3	The proponent shall provide adequate organic waste disposal facility such as organic waste convertor waste within project site as committed and non- Biodegradable waste to authorized recyclers as committed.	Complied. OWC (Organic Waste Converter) installed at site. All organic waste will be converted into manure and utilized inhouse greenbelt. Non-Biodegradable waste will be disposed to authorized recyclers during operation phase. Attached as Annexure 4.
4	The height of the stacks of DG sets shall be provided as per the CPCB norms.	Complied. DG Stack provided as per CPCB Norms. Details of DG are provided in Annexure 10.
5	The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. To TNPCB before obtaining CTO.	Complied. Design structural stability certificates from IIT, Bombay and NIT, Surathkal obtained for the main building and for STP respectively. Attached as Annexure 2
6	The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development & OSR.	Complied. Provision to utilize STP Treated water for toilet flushing,



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		Greenbelt development and OSR area provided.
7	The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed	Noted and Complied.
8	The proponent shall made compensatory plantation as per 1:10 ratio, which are affected during execution of the Project.	Noted and Complied.
9	The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University. The Plant species with dense/moderate canopy of native origin should be chosen. Species of Small/Medium/Tall trees alternating with shrubs should be planted in a mixed manner.	Noted. Indigenous plant species will be planted inside the campus.
10	Taller/one year old Saplings raised in appropriate size of bags; preferably eco-friendly bags should be planted in proper escapement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.	Noted.
11	The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.	Noted and Complied. 49000 KL capacity of 2 Rainwater collection tanks constructed inside the premises. Details attached as Annexure 12
12	The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the Premise.	Noted. Necessary area for collection and storage of E-Waste will be allotted before starting occupancy. E-Waste Management Rules will be strictly followed during disposal.
13	The project proponent shall obtain necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous Waste within the premises.	Noted. All the necessary authorizations will be obtained before starting occupancy.
14	No waste of any type to be disposed off in any other way other than the approved one.	Noted and Complied.
15	All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.	Noted and will be strictly followed
16	The project proponent shall furnish commitment for post-Covid health management for construction workers as per ICMR and MHA or the state Government guidelines as committed for during SEAC meeting.	Noted and Complied. All the workers medical examination done before commencement of work. Sample medical records are attached as Annexure 13.
17	The project proponent shall provide a medical facility, possibly with a medical officer in the project site for	Noted and Complied. Site is provided with a first aid room and a medical officer is also present in the



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	continuous monitoring the health of construction workers during COVID and Post - COVID period.	project site for continuous monitoring the health of construction workers. Details attached as Annexure 14.
18	The project proponent shall measure the criteria air pollutants data (including co) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.	Noted. Ambient Air Monitoring at two locations done. Reports attached as Annexure 15.
19	The 100% of terraces shall be covered with solar panel.	Noted. Project is under construction. Requirements are incorporated in design. Solar panels are installed on roof top wherever possible. Details of Solar roof top panels installation provided in Annexure 16.
20	Solar energy should be at least 20% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.	Noted. Project is under construction. Requirements are incorporated in design. During operation phase it will be evaluated. However, solar panels are installed on roof top of the building.
21	That the grant of this EC is issued from the environmental angle only and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.	Noted. All necessary approvals / statutory obligations will be complied.
22	The rent for women's workers will be charged 50% only.	Noted. It will be complied during operation phase.
23	The PP shall use a minimum of 10 Electric Busses for transporting the workers to the factory.	Noted. Will be implemented before occupancy starts.
24	The PP shall provide adequate capacity of RWA pits inside the premises.	Noted and Complied. Rainwater collection tank of capacity 49000 KL is available. Details are provided in Annexure 12.
25	As per the MoEFCC office Memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.	Noted and Complied.
26	As accepted by the Project Proponent the CER cost is Rs. 2 crore and the amount shall be spent for (1) construction of community hall with library and e-seva centre, (2) Establishment of solid waste management centre, (3) Farmer awareness programs on soil Enrichment, (4) Water conservation and increasing productivity, (5) Rejuvenation of Nagamangalam lake, (5) Smart classroom for schools in few of the villages, (6) Solar street lamps for few of the focus villages, (7) Sports ground renovation to schools in few of focus villages, (8) Upgrading Anganwadi in few of the focus villages, (9) Water supply and rest room for schools and local hospitals in few of the focus villages and (10) Women skill development of dairy and animal husbandry at Lallikal, Nagamangalam, Balepuram, Nalralapalli and Haleseebam, Koothanapalli, Sigaralapalli in Krishnagiri District before obtaining CTO from TNPCB.	Complied. CER Cost of Rs. 2 Crore is the spent on all projects committed. Details of CER summary is attached in Annexure 5.



SL. No	EC Condition	Compliance Remarks
SEIAA Recommendations:		Actuals
1	All the construction of Buildings shall be energy efficient and conform to the green building norms.	Noted and Complied. All the construction of buildings are energy efficient and conform to the green building norms. We are also getting IGBC certification for the buildings.
2	The proponent shall provide the adequate play area for the children within the premises.	Noted and Complied.
3	The proponent shall provide the adequate parking facility for all the vehicles of workers & visitors within the premises, with clear traffic plan and to ensure no traffic violation in the surrounding areas due to this proposed building.	Noted and Complied. Adequate parking facility for all the workers & visitors is available
4	The project proponent shall furnish the action taken to provide adequate parking space for visitors of all inmates including clean traffic plan.	Noted and Complied. Adequate parking facility for all the workers & visitors is available
5	All biosafety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as committed in EIA/EMP'	Noted and Complied.
6	The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.	Noted and Complied. The disaster management and disaster mitigation standards will be seriously adhered to avoid any calamities.
7	The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.	Noted and Complied. Ensured that the EIA / EMP and Disaster Management Plan will be adhered strictly.
8	The activities should in no way cause emission and built-up Green House Gases. All actions to be ecofriendly and support sustainable management of the natural resources within and outside the campus premises.	Noted and Complied. Raw materials used for construction contain 65 to 75% of recycled material and they are certified as Green Products by CII Green Products and Services Council. Details of the same are attached in Annexure 17.
9	The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	Noted. There will be no Single Use Plastic Utilization in the campus and will strictly comply with Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
10	The proponent shall ensure that provision should be given for proper utilization of recycled water.	Noted and Complied. Provision to utilize STP Treated water for toilet flushing, Greenbelt development and OSR area provided.
11	The proponent shall ensure that all trees & biodiversity listed in EIA report to be protected within the premises. All trees within the premises should be numbered and retained and more indigenous trees planted. The proponent shall maintain the flora and fauna listed.	Noted and Complied. We will ensure that all trees & biodiversity listed in EIA report will be protected. All trees in the premises will be numbered and retained and more indigenous trees will be planted.
12	The proponent shall ensure that the proposed activities regard to pre-construction and post construction should not cause any environmental damages regard to water	Noted and Complied. Pre concrete buildings were used to reduce water consumption. Water spraying on the road and covering the truck to



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	environment, air quality, temperature rise and should be carbon neutral building.	maintain air quality are done. Details are attached as Annexure 20.
13	All the Buildings shall be energy efficient and confirm the green building norms.	Noted and Complied.
14	The proponent shall ensure that all activities of EMP shall be completed before obtaining CTO from TNPCB.	Noted and Complied. All the EMP activities are completed. Details are attached in Annexure 7.
15	The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.	Noted and Complied.
16	The proponent shall ensure that all eateries should have sound environmentally friendly practices with adequate safe drinking water facilities and facilities for garbage disposal vehicles.	Noted and Complied.
17	The proponent shall ensure sufficient waste bins, toilets and the waste generated shall be efficiently managed as indicated in EIA/EMP.	Noted and Complied. Sufficient no. of waste bins will be provided. Each room is equipped with a toilet and bathroom and Waste storage blocks will be provided before start of occupancy.
18	The proponent shall provide and ensure the green belt plan should be implemented as indicated in EMP. There should be sufficient grass lawns and play facility for children.	Noted and Complied. Greenbelt facility is provided as per the layout and play facility for children is also provided.
19	The proponent shall ensure that no treated or untreated trade effluent/sewage shall be discharged outside the premises to lakes and other water bodies under any circumstances.	Noted. Will be ensured no treated / untreated effluent / sewage will be discharged outside the premises
20	The proponent shall ensure that the green belt plan, traffic plan, fire safety layout plan, energy conservation plan should be implemented as indicated in EIA/EMP and as viewed during SEAC presentation.	Noted. Will be implemented as per EMP and as viewed during SEAC presentation
21	The project proponent shall ensure that no ecological risks and impact on aquatic environment and freshwater systems are caused due to management of plastics and micro-plastics within the premises.	Noted. Will ensure that no ecological risks and impact on aquatic environment and freshwater systems are caused due to management of plastics and micro-plastics within the premises.
22	The project proponent shall provide adequate area for Bio-Medical waste (BMW) Collection, Segregation, and Storage and disposal of BMW generated to CBMWT&DF adhering provisions of Bio-Medical waste Management Rules, 2016 time to time.	Noted. Adequate area for Bio-Medical waste (BMW) Collection, Segregation; and Storage and disposal of BMW generated to CBMWT&DF adhering provisions of Bio-Medical waste Management Rules, 2016 time to time.
Part - A - Common conditions applicable for pre-construction, Construction and Operational Phases		Actuals
1	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.	Noted
2	The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be	Noted and Complied.



SL. No	EC Condition	Compliance Remarks
	made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	
3	The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.	Noted and Complied.
4	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 Wildlife (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.	Noted and Complied. All applicable statutory and other approvals will be taken.
5	The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental clearance as the case may be.	Noted.
6	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	Noted. Record showing compliance of all the conditions of Environmental clearance will be maintained and will be made available at all the times.
7	The environmental statement for each financial year ending 31 st 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. The status of compliance of environmental clearance conditions shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.	Noted. During operation, Form-V will be submitted and will be put on the website of the company. The status of compliance of environmental clearance conditions will be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
8	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.	Noted. Full support will be extended to the officer (s) of the regional office by furnishing the requisite data information / monitoring reports.
9	"Consent for Establishment" shall be obtained from the Tamil Nadu pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.	Noted and Complied. "Consent For Establishment" is obtained from the Tamil Nadu Pollution Control Board. A copy will be submitted to SEIAA, Tamil Nadu.
10	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Noted.
11	The 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 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	Noted.



Sl. No	EC Condition	Compliance Remarks
	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, including the Hon'ble National Green Tribunal relating to the subject matter	
12	The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.	Noted and Complied. It will not be cited for relaxing the other applicable rules to this project.
13	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.	Noted.
14	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, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.	Noted and Complied. Status of compliance of the stipulated EC conditions, including results of monitored data has been put on our website. It will be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely, PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project will be monitored during operation phase. Ambient air monitoring during construction phase is done and reports are attached as Annexure 15.
15	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.	Noted.
16	The 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.	Noted. All applicable clearances will be duly taken from the concerned authorities.
17	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	Noted.
18	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.	Noted. All applicable clearances will be duly taken from the concerned authorities.
19	Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.	Noted and Complied.
20	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	Noted. A Separate Environmental Management cell with suitable qualified personnel will be set up



Sl. No	EC Condition	Compliance Remarks
	Organization and the shortfall shall be strictly reviewed and addressed.	under the control of a senior Executive who will report directly to the Head of the Organization.
21	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	Noted and Complied. EMP cost is deposited in a nationalized bank by opening separate account. Bank details are attached in Annexure 6.
22	The Project Proponent has to provide adequate nos. of rainwater harvesting pits to recover and reuse the rainwater during normal rains as reported.	Noted and Complied. Rainwater collection tank of capacity 49000 KL is available. Details of rainwater collection tank is provided in Annexure 12.
23	The project activity should not cause any disturbance & deterioration of the local biodiversity.	Noted.
24	The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated, and fact reported to the Forest Department & PWD for monitoring.	Noted.
25	All the assessed flora & fauna should be conserved and protected.	Noted.
26	The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (protection) Act, 1986.	Noted. Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (protection) Act, 1986 will be strictly complied.
27	Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.	Noted and Complied. Approval from TWAD board for sourcing freshwater is obtained. Details attached as Annexure 1.
28	The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment plant and GWTP (Grey Water Treatment Plant)	Noted. An Environmental Engineer with necessary qualification for the operation and maintenance of STP and GWTP will be appointed.
29	The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.	Noted and Complied.
30	All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.	Noted and will be strictly followed
31	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	Noted and no waste of any type will not be disposed off in any watercourse including drains, canals and the surrounding environment.
32	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.	Noted. Traffic congestion near the entry and exit points from the roads adjoining the proposed project will be avoided.



Sl. No	EC Condition	Compliance Remarks
33	The safety measures proposed in the report should be strictly followed.	Noted and will be strictly followed.
Part - B - Specific Conditions – Pre-construction phase:		Actuals
1	The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.	Noted and Complied. Advertisement provided in two local newspapers. Details are attached as Annexure 18.
2	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Noted.
3	A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.	Noted and Complied. The clearance letter is put on the website of the proponent. Screenshot of the website is attached as Annexure 19.
4	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipment's, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.	Noted and Complied. All the building structure design is vetted by Civil department of IIT, Bombay and STP design is vetted by NIT, Surathkal and Structural stability certificate from competent authority is also taken. Details are attached as Annexure 2.
5	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	Noted and Complied. All the required sanitary and hygienic measures for the workers is maintained before starting the construction activities and it is being maintained throughout the construction phase. Details are attached as Annexure 21.
6	Design of buildings should be in conformity with the seismic Zone classifications.	Noted and Complied. Design of the buildings are vetted by Civil Department, IIT Bombay. Details are attached as Annexure 2.
7	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	Noted and Complied. Construction is as per the plan approved by the concerned local authorities.
8	No construction activity of any kind shall be taken up in the OSR area.	Noted and Complied. No construction activity of any kind is taken up in the OSR area.
9	Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.	Noted. Consent of the local body concerned will be obtained for using the treated sewage in OSR area for gardening. The quality of treated sewage will be the quality prescribed by the CPCB.



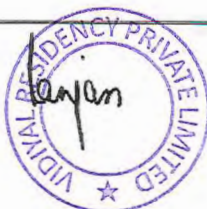
Sl. No	EC Condition	Compliance Remarks
10	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.	Noted and Complied.
11	The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.	Noted. Parking facility for 100 No.s of buses, 11 No.s of car and 1100 No.s of two-wheeler provided.
12	The project proponent shall ensure the entry of basement shall be above maximum flood level.	Noted and Complied.
13	The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details i. Location of STP, compost system, underground sewer line. ii. Pipeline conveying the treated effluent for green belt development. iii. Pipeline conveying the treated effluent for toilet flushing iv. Water supply pipeline v. Gas supply pipeline, if proposed vi. Telephone cable vii. Power cable viii. Storm water drains, and ix. Rainwater harvesting system, etc. and it shall be made available to the owners	Noted and Complied.
14	A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.	Noted and Complied. First Aid room with a medical officer as shown in Annexure 14 is provided during construction phase. Medical centre as shown in Annexure 22 will be provided in operation phase.
15	The present land use surrounding the project site shall not be disturbed at any point of time.	Noted.
16	The green belt area shall be planted with indigenous native trees.	Noted and Complied. Only Indigenous plants will be planted inside the premises.
17	Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.	Noted and Complied.
18	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	Noted and Complied.
19	The Provisions of Forest conservation Act 1980, Wild Life protection Act 1972 & Bio diversity Act 2002 should not be violated.	Noted and Complied.
20	There should be Firefighting plan and all required safety plan.	Noted. Firefighting plan and all required safety plan are prepared.
21	Regular fire drills should be held to create awareness among owners/ residents.	Noted and will be planned during operation phase.
	Part - C - Specific Conditions - Construction phase:	Actuals
	Construction Schedule:	
1	The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA, TN.	Noted.
	Labour Welfare:	Actuals



Sl. No	EC Condition	Compliance Remarks
1	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.	Noted and Complied. All the labourers to be engaged for construction are screened for health and adequately treated before and during their employment on the work at the site. Details are attached in Annexure 13 and Annexure 14.
2	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 contradictions due to exposure to dust and take corrective measures, if needed.	Noted and Complied. All the personnel working in dusty areas were provided with proper PPE and also adequate training and information on safety and health aspects were provided. Details are provided in Annexure 23. Periodical occupational health surveillance program of the workers conducted. Sample medical reports are provided in Annexure 13.
3	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.	Noted and Complied. Periodical medical examination of the workers engaged in project are carried out and sample medical records are given in Annexure 13. Proper PPE are provided to all the workers with training and information on safety & health aspects. Details are given in Annexure 23.
Water Supply		Actuals
1	The entire water requirement during construction phase may be met from private tankers.	Noted and Complied. The entire water requirement was met through tankers.
2	The Provision shall be made for housing labour within the site with all necessary infrastructures and facilities such as fuel, for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted and Complied. Provision for housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical care, creche etc. Details are provided in Annexure 14, 21 and 24.
3	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of wastewater shall be dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local body and identified dumpsites only.	Noted and Complied. Adequate drinking water and sanitary facilities are provided for construction workers at the site. Details are provided in Annexure 21 and Annexure 24.
4	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.	Noted and Complied. Water demand during construction is reduced by use of pre-mixed concrete, curing agents and other best practices. Details are provided in Annexure 20.
5	Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor-based control.	Noted.



Sl. No	EC Condition	Compliance Remarks
	Solid Waste Management:	Actuals
1	In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.	Noted. STP sludge co-composting with biodegradables will be designed and complied.
2	Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016	Noted. All the applicable Hazardous Wastes will be collected and stored in a waste storage block and disposed as per Hazardous Waste Management Rules.
3	Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.	Noted. Domestic solid wastes will be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.
4	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	Noted.
5	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.	Noted. E-Waste disposal will be strictly as per E-Waste Management Rules
	Topsoil Management:	Actuals
1	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	Noted and Complied. All the topsoil excavated during construction activities are stored for use in horticulture / landscape development within the project site. Details provided in Annexure 9.
	Construction Debris disposal:	Actuals
	Disposal of construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.	Noted and Complied. Construction debris generated during construction phase is disposed as per the approval received by local body. Details are provided in Annexure 9.
	Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.	Noted and Complied. Construction spoils, including bituminous materials and other hazardous materials, are not allowed to contaminate watercourses. Details are provided in Annexure 9.
	Diesel Generator sets:	Actuals
1	Low Sulphur diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the rules framed thereon.	Noted and Complied. Low Sulphur diesel used for operating Diesel generator sets during construction phase. Ambient Air and Noise monitoring done during the construction phase. Details of monitoring reports are provided in Annexure 15 and 25.
2	The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief controller of Explosives shall be taken.	Noted and Complied.



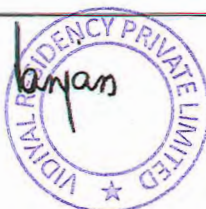
Sl. No	EC Condition	Compliance Remarks
3	The acoustic enclosures shall be installed at all noise generating equipment's such as DG sets, air conditioning systems, cooling water tower etc.	Noted and Complied. Acoustic enclosures are installed at all noise generating equipment's. Details are provided in Annexure 10.
	Air & Noise Pollution Control	Actuals
1	Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB / CPCB. The vehicles should be operated only during non-peak hours.	Noted and Complied. All the vehicles hired for bringing construction material to the site are in good condition. All the vehicles inspected for conformation to air and noise emission standards at the gate and only conforming vehicles allowed inside the site. Details of vehicle entry are provided in Annexure 26.
2	Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution load on the ambient air and noise quality should be closely monitored during construction phase. The pollution abatement measures shall be strictly implemented.	Noted and Complied. Ambient air and noise levels are conforming to residential standards prescribed by the TNPCB. Ambient air and noise monitoring done during construction phase. Monitoring reports are attached in Annexure 15 and 25. Pollution abatement measures taken are shown in Annexure 20.
3	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. Parking plans to be as per CMDA norms. The traffic department shall be consulted, and any cost-effective traffic regulative facility shall be met before commissioning.	Noted. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site will be avoided. Parking is fully internalized, and no public space is utilized.
4	The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	Noted and Complied. All the buildings have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.
5	The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.	Noted and Complied. Water sprinkling system provided and used at regular intervals to control the dust emission within the project site. Other pollution abatement measures are shown in Annexure 20.
	Building material:	Actuals
1	Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September 1999 and amended as on 27th August 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.	Noted and Complied. Fly-ash blocks are used as building material in the construction. Details of construction material used and certification from the third party are attached in Annexure 17.
2	Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.	Noted and Complied. Only pre concrete structures are used in the construction phase. Necessary cube tests are carried out to ascertain their quality. Details are attached in Annexure 20 and 27.



SL No	EC Condition	Compliance Remarks
3	Use of glass shall be reduced to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.	Noted and Complied. Use of glass is below 40% to reduce the electricity consumption.
Storm Water Drainage:		Actuals
1	Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.	Noted and Complied. Storm water management around the site and on site is established by following the guidelines laid down by the storm water manual.
2	Storm water management plan shall be obtained by engaging the services of Anna University/ IIT	Noted and Complied. Building design is vetted by Civil Department, IIT, Bombay. Details are attached in Annexure 2.
Energy Conservation Measures:		Actuals
1	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfil the requirement.	Noted and Complied. Roof of the building is meeting the prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
2	Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air-conditioned spaces by use of appropriate thermal insulation material to fulfil the requirement.	Noted and Complied.
3	All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted. Solar lights shall be provided for illumination of common areas.	Noted and Complied. All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation are adopted. Solar panels are installed on roof top for generation of solar energy and the same will be utilized for illumination of common areas. Details of solar panels are provided in Annexure 16.
4	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrid system or fully solar system for a portion of the apartments shall be provided.	Noted and Complied. Solar panels are installed on roof top of all building. Solar energy will be utilized in house. Details of solar are provided in Annexure 16.
5	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 months' time.	Noted.
6	Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	Noted and Complied. All the lighting installed are of LED which reduces energy consumption of the building.



Sl. No	EC Condition	Compliance Remarks
	Fire Safety:	Actuals
1	Adequate fire protection equipment's and rescue arrangements should be made as per the prescribed standards.	Noted and Complied. Adequate fire protection equipment's and rescue arrangements are made as per the prescribed standards. Details are attached as Annexure 28.
2	Proper and free approach road for fire-fighting vehicles up to the buildings and for rescue operations in the event of emergency shall be made.	Noted and Complied. Proper and free approach road for firefighting vehicles up to the buildings and for rescue operations are provided. Details are attached in Annexure 28.
	Green Belt Development:	Actuals
1	The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.	Noted. Will ensure to plant tree species with large potential for carbon capture in the proposed greenbelt area based on the recommendation of the forest department.
2	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	Noted and Complied.
3	The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be altered at any point of time for any other purpose.	Noted. Greenbelt will be developed as per the plan and area earmarked for the greenbelt will not be altered.
	Sewage Treatment Plant:	Actuals
1	The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institution for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.	Noted and Complied. Design of Sewage Treatment Plant is approved by National Institute of Technology, Surathkal, Karnataka. Details are attached in Annexure 2.
2	The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.	Noted and Complied. STP configuration is implemented as furnished to meet the requirements of TNPCB. Details of STP are attached in Annexure 8.
3	The project proponent shall operate and maintain the sewage treatment plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.	Noted. Sewage Treatment Plant operation will start after occupancy and Treatment plant operation will meet out the standards prescribed by the CPCB. There is no Effluent treatment plant due to no generation of Effluent.
4	The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.	Noted. Sewage Treatment Plant operation will start after occupancy and Treatment plant operation will meet out the standards prescribed by the CPCB. There is no Effluent treatment plant due to no generation of Effluent.



SL No	EC Condition	Compliance Remarks
5	The project proponent has to ensure the complete recycling of treated Sewage & Effluent water after achieving the standards prescribed by the CPCB.	Noted. Sewage Treatment Plant operation will start after occupancy and complete recycling of treated sewage will be ensured. There is no generation of effluent.
6	The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.	Noted and Complied. A separate DG set has been provided for operation of STP / GWTP. Details of DG are provided in Annexure 10.
	Rainwater Harvesting:	Actuals
1	The proponent shall ensure that roof rainwater collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rainwater harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	Noted and Complied. Rainwater harvesting tank of capacity 49000 KL is constructed and all the rainwater from the roof will be collected and reused. Details of rainwater tanks are provided in Annexure 12.
2	Rainwater harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.	Noted. Rainwater harvesting tanks of capacity 49000 KL is constructed for recharge rainwater.
3	The Project Proponent has to provide adequate nos. of rainwater harvesting pits to recover and reuse the rainwater during normal rains as reported.	Noted and Complied. Rainwater harvesting tank of capacity 49000 KL is constructed and all the rainwater from the roof will be collected and reused. Details of rainwater tanks are provided in Annexure 12.
4	The project activity should not cause any disturbance & deterioration of the local biodiversity.	Noted
	Building Safety:	Actuals
1	Lightning arrester shall be properly designed and installed at top of the building and wherever is necessary.	Noted and Complied. Lightning arrestors are properly designed and installed on top of the building wherever necessary. Details of lightning arrester installation is given in Annexure 29.
	Part - D - Specific Conditions - Operational Phase/Post constructional Phase / Entire life of the project	Actuals
1	There should be Firefighting plan and all required safety plan.	Noted. Firefighting and required safety plan will be prepared before occupancy. Details of firefighting equipment installed at site are provided in Annexure 28.
2	Regular fire drills should be held to create awareness among owners/ residents.	Noted. Regular fire drills will be held to create awareness among residents after occupancy starts.
3	Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016'	Noted. All the applicable Hazardous Wastes will be collected and stored in a waste storage block and disposed as per Hazardous Waste Management Rules.
4	The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.	Noted.



Sl. No	EC Condition	Compliance Remarks
5	Solar energy saving shall be increased to at least 10% of total energy utilization.	Noted and Complied. Solar roof top panels are installed on the roof of the buildings. Savings from solar energy can be estimated during operation phase. Details of solar panels are provided in Annexure 16.
6	The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCCB'	Noted and Complied. CER amount is spent as committed in the affidavit. All the activities mentioned in CER affidavit are completed and summary of CER activities are given in Annexure 6.
7	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCCB with a copy to SEIAA annually	Noted and Complied. EMP cost is deposited in a nationalized bank by operating separating account. Bank details are provided in Annexure 6.
8	The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.	Not Applicable as this is construction of housing facility for industrial workers under Affordable Rental Housing complexes ("ARHC") Scheme of Government of India
9	The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.	Not applicable.
10	The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation Programs.	Noted and Complied. Lake rejuvenation cum improvement, awareness and conservation programs are done as part of CER activities. Details of CER summary is provided in Annexure 5.
11	The project activities should in no way disturb the manmade structures.	Noted. Project activities did not disturb manmade structures in any way.
12	The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years'	Noted.
13	"Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.	Noted. "Consent To Operate" will be obtained from the Tamil Nadu Pollution Control Board before the start of the operation of the project and a copy will be submitted to the SEIAA-TN.
14	Raw water quality to be checked for portability and if necessary, RO plant shall be provided.	Noted and Complied. RO plant installed at site. Details are provided in Annexure 30.
15	The Proponent should be responsible for the maintenance of common facilities including greening, rainwater harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment	Not Applicable as this is construction of housing facility for industrial workers under Affordable Rental Housing complexes ("ARHC") Scheme of Government of India. However, Common facilities including greening, rainwater harvesting, sewage treatment and disposal, solid waste disposal and



Sl. No	EC Condition	Compliance Remarks
	Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.	environmental monitoring will be maintained by the Project proponent.
16	The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.	Noted. The ground water level and its quality will be monitored and recorded regularly in consultation with Ground Water Authority during operation phase.
17	Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.	Noted. Treated STP water will be recycled / reused to the maximum extent possible. The treated sewage will conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures will be made to mitigate the odour and mosquito problem from STP.
18	The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.	Noted and Complied. A separate DG set is provided for STP to operate continuously in case of power failure. Details of DG are provided in Annexure 10.
19	It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil / ground water/ adjacent canals/ lakes/ ponds, etc	Noted. Quality of treated sewage which will be used for green belt development / avenue plantation will not pollute the soil / ground water / adjacent canals / lakes / ponds, etc.
20	Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.	Noted. will be done during operation phase
21	The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.	Noted. A separate storage block for E-Waste will be constructed and disposed as per E-Waste Management Rules.
22	Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.	Noted and Complied. Diesel power generating sets proposed as source of back-up power during operation are of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets provided meeting the CPCB norms. Details of DG and stack are provided in Annexure 10.
23	The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.	Noted and Complied. Noise level is maintained as per MoEF / CPCB / TNPCB guidelines / norms. Details of ambient noise monitoring are provided in Annexure 25.
24	Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.	Noted. All the applicable Hazardous Wastes will be collected and stored in a waste storage block and disposed as per Hazardous Waste Management Rules.

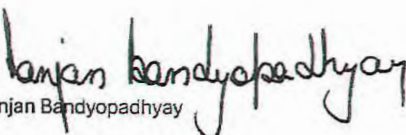


Sl. No	EC Condition	Compliance Remarks
25	The proponent is required to provide a household hazardous waste / E-waste collection and disposal mechanism.	Noted. A separate storage block for Haz Waste & E-Waste will be constructed and disposed as per Haz & Other Waste and E-Waste Management Rules.
26	The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.	Noted and Complied. Storm water drain provided at the site will be maintained without choking or without causing stagnation and also will ensure that the storm water will be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Details of stormwater drain and layout are provided in Annexure 11.
27	Used CFLs and TFLs should be properly collected and disposed off /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	Noted. A separate storage block for E-Waste will be constructed for storage of E-waste and disposed as per E-Waste Management Rules.
28	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.	Noted.
29	The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled	Noted.

Thanking you,

Yours Faithfully,

For Vidiyal Residency Private Limited,


Ranjan Bandyopadhyay

Authorized Signatory

