ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), Tamil Nadu)

To,

The Authorized Signatory

M/S. BSCPL INFRASTRUCTURE LIMITED

Nookampalayam Village, Perumbakkam Main Road, Sithalapakkam Post, Chennai -600126

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/TN/MIS/63687/2020 dated 04 Jun 2021. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22B039TN184037**
2.	**File No.**	8102
3.	**Project Type**	New
4.	**Category**	B1
5.	**Project/Activity including Schedule No.**	8(b) Townships and Area Development projects.
6.	**Name of Project**	Proposed construction of residential complex “Bollineni Zion”
7.	**Name of Company/Organization**	M/S. BSCPL INFRASTRUCTURE LIMITED
8.	**Location of Project**	Tamil Nadu
9.	**TOR Date**	16 Apr 2021

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 08/02/2022

(e-signed)
Tmt.P.RAJESWARI,IFS
Member Secretary
SEIAA - (Tamil Nadu)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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TMT. P. RAJESWARI, I.F.S.,
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
3rd Floor, Panagal Maaligai,
No.1, Jeenis Road, Saidapet,
Chennai-15.
Phone No. 044-24359973
Fax No. 044-24359975

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA-TN/F.No. 8102/EC/8(b)/ 801/2022 dated: 04.02.2022

To

M/s. BSCPL Infrastructure Limited
Bollineni Hillside
Arasankalani - Perumbakkam Road
Sithlapakkam Post
Chennai – 600126

Sir,

Sub: SEIAA, TN - Environmental Clearance – Proposed Construction of Residential complex "Bollineni Zion by M/s. BSCPL Infrastructure Limited at R.S.No: 443/2, 444/1, 444/2 of Perumbakkam Village & 93 to 97, 100 to 102, 103/1A2, 116/1B, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani Village, Sholinganallur Taluk, Kanchipuram District, Tamil Nadu - Issued - Regarding.

Ref: 1. Your application for Terms of Reference dated: 07.12.2020
2. ToR Issued by SEIAA-TN vide Lr.No.SEIAA-TN/F.No.8102/SEAC/8(b)/ ToR-935/2021 dated: 16.04.2021
3. Online Proposal No. SIA/TN/MIS/63687/2020, dated: 04.06.2021
4. Proponent EIA report submitted on 15.06.2021
5. Minutes of the 222nd SEAC meeting held on 27.07.2021
6. Minutes of the 461st SEIAA meeting held on 15.09.2021
7. Proponent reply dated: 20.09.2021
8. Minutes of the 240th SEAC meeting held on 02.11.2021

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9. Minutes of the 484th SEIAA meeting held on 29.01.2022 & 31.01.2022

*****

This has reference to your application 3th & 4th cited, the Proposed Construction of Residential complex "Bollineni Zion by M/s. BSCPL Infrastructure Limited under Category B2 and Schedule S.No. 8(b) under the Environment Impact Assessment Notification, 2006, as amended.

The Competent Authority and Authorized Signatory furnished the detailed information in Form 1, Form 1A and liquidate enclosures are as Annexures:

Annexure 1

PROJECT DETAILS		
SL No	**Description**	**Details**
1)	Name of the Project proponent and address	M/s. BSCPL Infrastructure Limited Bollineni Hillside Arasankalani - Perumbakkam Road Sithlapakkam Post Chennai – 600126
2)	Proposed Activity	Construction of Residential cum Commercial Development
3)	Schedule No.	8(b)
4)	**Project Location**	
	i)Survey No	R.S.No: 443/2, 444/1, 444/2 of Perumbakkam Village & 93 to 97, 100 to 102, 103/1A2, 116/1B, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani Village
	ii)Revenue Village	Perumbakkam Village & Arasankalani Village
	iii)Taluk	Sholinganallur Taluk
	iv)District	Kanchipuram District
	V) Latitude & Longitude	12°52'48.68"N | 80°12'6.85"E

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		12°52'46.36"N	80°12'18.11"E
		12°52'39.38"N	80°12'20.63"E
		12°52'31.84"N	80°12'17.71"E
		12°52'28.89"N	80°12'16.61"E
		12°52'28.97"N	80°12'15.20"E
		12°52'37.13"N	80°12'8.17"E
		12°52'41.02"N	80°12'5.71"E
5)	Area of the Land	94992.24 Sq. m	
6)	Built up Area	367182.67 Sq.m	
7)	Brief description of the project Proposed project involves the construction of residential building with Combined Basement for Block A to Block H & Block J to Block M and Club House Block A to Block H – B + Stilt + 28 Floors Block J to Block M - B + Stilt + 28 Floors Club House – B+ Stilt + 3 Floors Block N – Stilt + 22 Floors Retail Block 1B– G + 5 Floors School – G + 3 Floors		

Description	FSI Area (Sq.m)	Non FSI Area (Sq.m)	Parking Area (Sq.m)	Total built-up area (Sq.m)
Combined Basement for Block A to Block H & Block J to Block M and Club house			50189	50189
Block A (B+ S + 28 Floors)	19999.28	690.25	-	20689.5
Block B (B+S + 28 Floors)	24568.47	728.83	-	25297.3
Block C (B+S + 28	21214.95	618.38	-	21833.3

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	Floors)				
	Block D (B+S + 28 Floors)	19999.28	690.25	-	20689.5
	Block E (B+S + 28 Floors)	21214.95	618.38	-	21833.3
	Block F (B+S + 28 Floors)	19999.28	690.25	-	20689.5
	Block G (B+S + 28 Floors)	19999.28	690.25	-	20689.5
	Block H (B+S + 28 Floors)	21214.95	618.38	-	21833.3
	Block J (B+S + 28 Floors)	21214.95	618.38	-	21833.3
	Block K (B+S + 28 Floors)	23291.54	690.95	-	23982.5
	Block L (B+S + 28 Floors)	24568.47	728.83	-	25297.3
	Block M (B+S + 28 Floors)	24568.47	728.83	-	25297.3
	Block N (S + 22Floors)	16088.23	613.45	-	16701.7
	Clubhouse (B+ S + 3 Floors)	7540.01	2866.65	-	10406.7
	Retail (B + G + 5 Floors)	13643.18	-	-	13643.2
	School (G + 3 Floors)	6276.32	-	--	6276.32
	Total	**305401.61**	**11592.06**	**50189**	**367182.67**
8)	Expected Occupancies (including Visitors)	15357Nos.			

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9)	Green Belt area	12786.6 Sq.m
10)	Parking facilities	Car Parking – 3880 Nos. Two wheelers Parking – 3000 Nos.
11)	**UTILITIES-WATER**	
	Total Water Requirement	1826 kLD
	a) Source from where the water is proposed to be drawn	St.Thomas Mount Panchayat Union
	i) Domestic & Drinking water Purposes	1145 kLD
	ii) Swimming pool	2 kLD
	iii) Toilet Flushing (Recycled Water)	599 kLD
	iv) Greenbelt (Recycled Water)	45 kLD
	v) Avenue plantation & Agricultural lands in nearby village (Recycled Water)	945 kLD
12)	Waste Water	
	i) Sewage	Sewage Generation – 599 kLD Grey water Generation – 1111 kLD
	ii) Details of Treatment	**STP capacity(SBR)-530KLD** 1. Bar screen chamber 2. Equalization tank 3. Sequential batch Reactor 4. Decanter tank 5. Treated water tank 6. Sludge Holding tank 7. Filter press unit 8. UV – Disinfection System **STP capacity(SBR)-90KLD** 1. Bar screen chamber

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		2. Equalization tank 3. Sequential batch Reactor 4. Decanter tank 5. Treated water tank 6. Sludge Holding tank 7. Filter press unit 8. UV – Disinfection System **GWTP Capacity-700KLD** 1. Bar Screen Chamber 2. Oil Skimmer Tank 3. Collection cum Aeration Tank 4. Settling Tank 5. Pressure Sand Filter 6. Activated Carbon Filter 7. UV Disinfection System 8. UF Feed tank 9. UF Treated water tank **GWTP Capacity-530KLD** 1. Bar Screen Chamber 2. Oil Skimmer Tank 3. Collection cum Aeration Tank 4. Settling Tank 5. Pressure Sand Filter 6. Activated Carbon Filter 7. UV Disinfection System 8. UF Feed tank 9. UF Treated water tank **GWTP Capacity-90KLD** 1. Bar Screen Chamber 2. Oil Skimmer Tank 3. Collection cum Aeration Tank

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		4. Settling Tank 5. Pressure Sand Filter 6. Activated Carbon Filter 7. UV Disinfection System 8. UF Feed tank 9. UF Treated water tank
	iii) Mode of Disposal with quantity	Excess treated Sewage -569kLD & Excess treated Grey water -376kLD disposed through Avenue plantation & Agricultural land in the nearby Village (945kLD). Treated Grey water-679kLD, recycled through flushing- 599 kLD Green Belt Development -45 KLD & OSR-35kLD
13)	**SOLID WASTE**	
	I) Municipal Solid Waste	
	i) Bio degradable -2.450Tons/day	Biomethanation plant
	ii) Non Bio degradable - 3.675Tons/day	Authorized Recyclers
	iii) STP sludge- 60 Kg/day	Manure for green belt development
14)	**POWER REQUIREMENT**	
	i) Electricity Board	20250kVA from the TANGEDCO
	ii) DG sets	5 Nos. of 380 kVA, 2 Nos. of 250 kVA 4 Nos. of 500 kVA
	iii) stack Height	DG set adequate stack height of 50m
15)	Project Cost	Rs. 497Crores
16)	EMP Cost	Operation phase Capital Cost – Rs. 408.4 Lakhs Maintenance Cost – Rs. 38.53 Lakhs per annum

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Annexure 2 - Affidavit

The proponent has furnished affidavit in Hundred Rupees stamp paper attested by the Notary stating that

I, Mr. S. Ganesh, Authorized Signatory represent M/s. BSCPL Infrastructure limited, Arasankalani – Perumbakkam Road, Sithlapakkam post, Chennai – 600126. We have Proposed for the Construction of Residential Apartment "Bollineni Zion" at S. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 93 to 97, 100 to 102, 103/1A2, 116/1B, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur taluk, Kanchipuram District and Tamil Nadu. An application submitted by us seeking Environmental Clearance under the EIA Notification, 2006 is under scrutiny in the Authority. I am furnishing the following undertaking to the Authority, hereby solemnly affirm and state as follows: -

1. We commit to SEIAA that the total freshwater requirement for our residential development after expansion is 1147 KLD. The required water will be met through St. Thomas Mount Panchayat Union. We assure that the required permission from the competent Authority for supply of fresh water will be obtained before obtaining CTO.
2. We commit to SEIAA that the Total quantity of Grey Water generated from the proposed project is 1111 KLD which will be treated in the 1320 KLD grey water treatment plant, out of which 1055 kLD of treated water will be generated, out of which 599 kLD will be used for flushing, 80 kLD will be used greenbelt & OSR and remaining 376 KLD will be used for Avenue plantation. The Total quantity of sewage generated from the proposed project is 599 KLD, which will be treated in the STP of 620 KLD capacity & the treated sewage of 569 KLD will be used for Avenue Plantation.
3. We commit to SEIAA that the Total Municipal Solid waste generated from the development will be 6.125 T/day in which 2.450 T/day is Biodegradable waste, which will be treated in Biomethanation plant within the project site and 3.675 T/day is non-Biodegradable waste will be sold to recyclers.

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4. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-lA.lll dated: 30.09.2020 & 20.10.2020 the activities for CER are listed below and included in the EMP.

.Schools: CER fund will be spent in the Government schools – 7 Nos with in 5km radius around the project site.

S. No.	CSR Activity	Capital cost Allocation (in Lakhs)
1	Improvement of school infrastructure, sanitation facility, library, Drinking water treatment plant, solar lighting & smart class (LED Projector with computer)	172
2	Contribution in coordination with Greater Chennai Corporation towards improvement works like storm water drainage system within 1km from site.	270
3	Contribution in coordination with Greater Chennai Corporation towards maintenance of Arasankalani lake like bund strengthening, weir maintenance, and sluice maintenance.	270
Total Cost Allocation		712

5. The capital cost of Rs. 712 Lakhs towards CER activities will be spent before applying CTO from TNPCB.
6. We also assure that the storm water drain would not carry any untreated or treated sewage.
7. We also assure that our project site does not encroach any water bodies such as rivers, canals, nallas, lakes, ponds, tanks, etc., from its original boundary.
8. We also assure that no litigations are pending against the project.

Commitment signed by me as an Authorized signatory of the Project Proponent before the SEIAA, Tamil Nadu.

The proponent has furnished undertaking in Twenty Rupees stamp paper attested by the Notary stating that

I, Mr. S. Ganesh, Authorized Signatory represent M/s. BSCPL Infrastructure limited, Arasankalani – Perumbakkam Road, Sithlapakkam post, Chennai – 600126. We have

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Proposed for the Construction of Residential Apartment "Bollineni Zion" at S. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 93 to 97, 100 to 102, 103/1A2, 116/1B, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur taluk, Kanchipuram District and Tamil Nadu. An application submitted by us seeking Environmental Clearance under the EIA Notification, 2006 is under scrutiny in the Authority. I am furnishing the following undertaking to the Authority, hereby solemnly affirm and state as follows: -

1. We have submitted an application for Environmental Clearance for the construction of Residential Development and retail building project vide File No.8102: SEIAA, Tamil Nadu
2. There are old Temporary Store buildings/ mechanical work shop/ Old Batching plant in the project site, which we have constructed during 2007, for the usage of our various Residential projects completed at various locations in Perumbakkam Village. These old Temporary Store buildings/ mechanical work shop/ Old Batching Plant are not dismantled as the site is at where it is condition.
3. We undertake to SEAC that the existing old store Temporary Store buildings will be dismantled in one and half months to two months period from date of Environmental Clearance issue date. We will start the Dismantling works once we receive the planning permit from CMDA which will be issued after we submit the environmental clearance.

SEAC Recommendations:

The proposal was placed for appraisal in this 222th meeting of SEAC held on 27.07.2021. The committee noted that

1. The Proponent, M/s. BSCPL Infrastructure Limited has applied seeking Environmental Clearance for the proposed construction of Residential Complex "Bollineni Zion" S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 93 to 97, 100 to 102, 103/1A2, 116/18, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur Taluk, Kanchipuram District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 8(b) "Townships

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and Area Developments Projects" of the Schedule to the EIA Notification, 2006.

3. SEIAA issued the TOR vide Letter. No. SEIAA-TN/F.No.8102/SEAC/8(b)/ToR-935/2020 dated: 16.04.2021.

After detailed discussion it has been found in the parivesh portal the earlier applications in the name of M/s.BSCPL Infrastructure Limited as follows

TOR was issued vide letter No. SEIAA-TN/F-5083/SEAC-LXXI/TOR/-260/2016 Dt:25.07.2016 to M/s. BSCPL Infrastructure Limited has applied seeking TOR for the proposed construction of Residential Complex "Bollineni Zion" S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 92 to 98, 100 to 102, 103/1A2, 116/1B, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur Taluk, Kanchipuram District .

M/s. BSCPL Infrastructure Limited has submittedEIA report seeking Environmental Clearance for the proposed construction of Residential Complex "Bollineni Zion" S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 92 to 98, 100 to 102, 103/1A2, 116/1B, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur Taluk, Kanchipuram District vide Environmental Clearance appl. no: SIA/TN/NCP/19184/2016 Dt: 18.04.2017 (5083/2016)and the current status of the file in parvesh as “De-listed’.

Further it was noted from the google earth with the help of coordinates furnished by the proponent there are some civil structure found at the proposed site on verification. Also KML file is not accessible to verify boundary of the proposed project site.

Hence, the proponent shall furnish clarification why they have filed this new application seeking Environmental Clearance vide appl. no. SlA/TN/MIS/63687/2020, dated: 04.06.2021 by M/s. BSCPL Infrastructure Limited for the proposed construction of Residential Complex "Bollineni Zion" S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 93 to 97, 100 to 102, 103/1A2, 116/1B, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur Taluk, Kanchipuram District.

In this regard, SEIAA-TN office may furnish detailed note on present status of the earlier file after the receipt of reply received from the proponent.

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In view of the above, on receipt of the aforesaid clarification from the proponent & note from SEIAA –TN office, SEAC would further deliberate on this project and decide the further course of action in any one of the forthcoming SEAC meeting.

In this connection, SEIAA has furnished note based on the proponent reply vide its lr. Dt: 20.09.2021 stating as follows

Note to consider to proposed Construction of Residential Complex "Bollineni Zion" S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 93 to 97, 100 to 102, 103/1A2, 116/1B, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village. Sholinganallur Taluk, Kanchipuram District. Tamil Nadu by M/s. BSCPL InfrastructureLimited - For Environmental Clearance. SIA/TN/MIS/63687/2020 dated: 04.06v.2021.

Ref: 1. online proposal No.SIA/TN/NCP/58566/2020, Dated: 24.11.2020 & hard copy received on 07.1 2.2020

2. Letter No.SEIAA-TN/P.No. 8102/SEAC/S(b)/"1oR-935/2020 dated: 16.04.2021.

The proponent of M/s. BSCPL Infrastructure Limited submitted application for ToR on 07.12.2020, in Form-I, Forml A, and draft ToR for the Proposed Construction of Residential Complex "Bollineni Zion" In S. No. 443/2, 444/1, 444/2 of Perumbakkam Village & 93 To 97, 100 To 102, 103/1A2, 116/1B, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani Village, Sholinganallur Taluk, Kanchipuram District, Tamil Nadu— Category "B1"-8(b)- Township & Area Development Projects.

Terms of Reference (ToR) has been accorded vide Letter No.SEIAA-TN/F.No. 8102/SEAC/8(b)/ToR-935/2020 dated: 16.04.2021 for undertaking the Environment Impact Assessment Study and preparation of Environment Management Plan.

The Proponent, M/s. BSCPL Infrastructure Limited has applied seeking Environmental Clearance for the proposed construction of Residential Complex "Bollineni Zion" S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 93 to 97, 100 to 102, 103/1A2, 116/18, 117/2A1, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur Taluk, Kanchipuram District, Tamil Nadu.

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The proposal was placed for appraisal in this 222thmeeting of SEAC held on 27.07.2021 and SEAC has decided to get detailed a detailed note on present status of the earlier file after the receipt of reply received from the proponent and on receipt of the aforesaid clarification from the proponent & note from SEIAA —TN office, SEAC would further deliberate on this project and decide the further course of action in any one of the forthcoming SEAC meeting stating as follows.

TOR was issued vide letter No. SEIAA-TN/F-5083/SEAC-LXXI/TOR/-260/2016 Dt: 25.07.2016 to M/s. BSCPL Infrastructure Limited has applied seeking TOR for the proposed construction of Residential Complex "Bollineni Zion" S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 92 to 98, 100 to 102, 103/1A2, 116/1B, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur Taluk, Kanchipuram District

M/s. BSCPL Infrastructure Limited has submitted EIA report seeking Environmental Clearance for the proposed construction of Residential Complex “Bollineni Zion” S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 92 to 98, 100 to 102, 103/1A2, l 16/1 B, 117/2A2, 117/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur Taluk, Kanchipuram District vide Environmental Clearance appl. no: SIA/TN/NCP/19184/2016 Dt: l 8.04.2017 (5083/2016) and the current status of the file in Parivesh as “De-listed

Further it was noted from the Google earth with the help of coordinates furnished by the proponent there are some civil structures found at the proposed site on verification. Also KML file is not accessible to verify boundary of the proposed project site.

Hence, the proponent shall furnish clarification why they have filed this new application seeking Environmental Clearance vide online proposal No. SIA/TN/MIS/63687 /2020, dated: 04.06.2021 by M/s. BSCPL Infrastructure Limited for the proposed construction of Residential Complex “Bollineni Zion” S.F. Nos. 443/2, 444/1, 444/2 of Perumbakkam village & 93 to 97, 100 to 102, 103/1A2, 116/1B, 117/2A1, 117/2A2, l 17/2B, 118/2B12, 118/2B13, 131/23, 131/4 of Arasankalani village, Sholinganallur Taluk, Kanchipuram District.

The subject was placed in the 461thAuthority meeting held on I5.09.2021. After detailed discussions, the Authority requested the Member Seci ctary, SEIAA to

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communicate the SEAC minutes to the proponent to furnish the clarification sought by SEAC. On receipt of details, MS/SEIAA shall send the details to SEAC along with detailed note as requested by SEAC.

The project proponent has furnished the reply vide letter dated 20.09.2021 stating as follows.

Earlier we have submitted our proposal for the construction of residential complex which involves combined Double Basement with Block A - GF+14 floors, B&cF+l8 floors, D&E - GF+14 floors, F to H and J to N & P - GF+l8 floors, R- GF+14 floors, S&T - GF+l8 floors, club House (GF) and a school with GF+3 floors.The totalplotareaoftheproposal is l09ll0 Sq.mandthebuilt-upareais32l137.9Sqm.

We have obtained ToR for the same vide letter No. SEIAA - TN/F.No. 5083/SEAC-LXXI/TOR/ 260 /2016 dated 25.07.2016. We have prepared the EIA report and the same was submitted vide application no. SIA/TN/NCP/19184/2016 dated 18.04.2017.

Due to revision of FSI norms by State Government in 2019, we have planned for the changes in the number of blocks and hence we have withdrawn the earlier file. The same was listed in the List of ToR proposal withdrawn (File No. letter No. SEIAA - TN/F.No. 5083/SEAC - LXXI/TOR/260/2016dated 25.07.2016; Online number SIA/TNNCP/103312016.

Since, we have planned for the revision in the plan and we have withdrawn the TOR file as above, we have not proceeded with the submitted EIA file (SIA/TN/NCP/19184/20l6 dated 18.04.2017) and the file has been delisted in SEIAA.We enclosed the screen shot of online proof for TOR and EC file withdrawal from MoEF&CC online portal as Annexure - I.

The present proposal involves construction of residential building with Combined Basement for Block A to Block H & Block J to Block M and Club House, Block A to Block H - B + Stilt + 28 Floors, Block J to Block M -B + Stilt + 28 Floors, Club House - B+ Stilt +3 Floors, Block.N - Stilt + 22 Floors, Retail Block - 18+ G + 5 Floors, School - G + 3 Floors. The total built up area is 367182.61 Sq.m in the land area of 94992.24 Sq.m. Hence, we have prepared and applied a fresh proposal vide Online proposal number SIA/TN/NCP/58566/2020 dated 24.11.2020 and we have obtained TOR for the same proposal wide Lr.No. SEIAA/TN/F.8102/SEAC/8(b)/ToR-

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935/2020dated:16.04.2021,with compliance to TOR, we have submitted the EIA report to SEIAA on 15.06.2021 and for the same file; we have presented the final EIA presentation to SEAC vide it 222ndmeeting held on 27.07.2021. We request SEAC to kindly process our present proposal (File No. 8102) which we obtained TOR and presented our final presentation on 222ndSEAC meeting.

Further it is submitted that there is old civil structure in the project site is listed below, which we have not demolished as the site is an were condition.

We undertake to SEAC that the existing old structures will be demolished before start of construction or obtaining CTE from Tamil Nadu pollution control board, we are waiting for the planning permit from CMDA to start the demolition in the site, and CMDA planning permit will be issued after we submit the environmental clearance.Old Store house constructed in 2007, it will be demolished before commencement of the construction in the site.

Mechanical workshop, 2007 it will be demolished before commencement of the construction in the site.

Temporary old Batching plant & Machineries installed in year 2007 will be dismantled before commencement of construction With the above we kindly request SEIAA and SEAC to consider our reply and kindly process our file for issuing environmental clearance.

In this connection, the subject was placed in the 461th Authority meeting held on 15.09.2021. After detailed discussions, the Authority requested the Member Secretary, SEIAA to communicate the SEAC minutes to the proponent to furnish the clarification sought by SEAC. On receipt of details, MS/SEIAA shall send the details to SEAC along with detailed note as requested by SEAC. In view of the above, the proposal was forwarded to SEAC for further course of action.

The proponent has provided the details of the status of the project on Parivesh as well as agreed to submit the affidavit for demolition of old buildings after getting due permission from competent authority. The committee has discussed in detail and the accepted the reply.

In view of the above, the proposal is forwarded to SEAC for further course of action.

The proposal was again placed in this 240th meeting of SEAC held on 02.11.2021.

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Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations has decided to recommend the proposal for the grant of Environmental Clearance subject to the following specific conditions, in addition to normal conditions stipulated by MOEF&CC:

1. The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.
2. The height of the stacks of DG sets shall be provided as per the CPCB norms.
3. The project proponent shall submit affidavit of proposed CER activities in detail & for demolition of old structures & dismantling of old machineries within the proposed project site start of construction with concurrence of concerned departments as committed before obtaining Environmental Clearance to SEIAA.
4. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
5. The proponent shall provide adequate organic waste disposal facility (Bio methanisation plant for bio -degradable waste within project site as committed and non- Biodegradable waste to authorized recyclers as committed.
6. The proponent shall make proper arrangements for the disposal of the treated water from the proposed site for Toilet flushing, Green belt development & OSR and no treated water be let out of the premise.
7. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
8. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
9. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees

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alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. The proponent shall earmark the greenbelt area of 15% of the total plot 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.

10. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.
11. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
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.
13. The project proponent shall obtain the 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.
14. No waste of any type to be disposed off in any other way other than the approved one.
15. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
16. 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.
17. 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.
18. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
19. 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.

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20. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
21. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP along with the CER proposal and furnish the same before placing the subject to SEIAA.

SEIAA Recommendations

The subject was placed in the 484th Authority meeting held on 29.01.2022 & 31.01.2022. After detailed discussions, the Authority accepted the recommendation of SEAC and decided to grant of Environmental Clearance subject to the conditions as recommended by SEAC & normal condition in addition to the following conditions:

1. All the construction of Buildings shall be energy efficient and confirm the green building norms.
2. The proponent shall provide the adequate parking facility for all the workers & visitors.
3. The proponent shall ensure that no treated or untreated trade effluent/sewage shall be discharged outside the premises under any circumstances.
4. The disaster management and disaster mitigation standards to be seriously at least avoid of calamities.
5. The project proponent shall provide the green belt plan for the premises indicating the native trees plant planted and to be planted.
6. The proponent shall provide the action taken for reduction of green house gas emissions to support the climatic action to make it sustainable building.
7. The project proponent shall furnish the action taken to provide adequate parking space for visitors of all inmates including traffic plan.
8. The project proponent shall furnish the action taken to improve water usage efficiency in the building.
9. The proponent shall ensure that the building shall provide adequate security and hygiene in all the basements.
10. The proponent shall ensure that the building should be energy efficient, provide adequate sunlight, green space for sustainable use and be Eco-friendly.

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Environmental Clearance along with the conditions containing four parts namely

Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases

Part - B – Specific Conditions – Pre construction phase

Part - C – Specific Conditions – Construction phase

Part - D – Specific Conditions – Operational Phase/Post constructional Phase / Entire life of the project.

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:

Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases:

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.
2. The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be 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.
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 Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.

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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.
6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
7. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
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.
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.
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.
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 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.

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12. The Environmental Clearance shall 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.
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; PM_{10}, $PM_{2.5}$, SO_2, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.
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.
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.
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.
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.
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.

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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 Organization and the shortfall shall be strictly reviewed and addressed.
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.
22. The Project Proponent has to provide rain water harvesting pits 23Nos and rain water collection sump of 687cu.m capacity to recover and reuse the rain water during normal rains as reported.
23. The project activity should not cause any disturbance & deterioration of the local bio diversity.
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.
25. All the assessed flora & fauna should be conserved and protected.
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.
27. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
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)
29. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
30. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
31. No waste of any type to be disposed of in any watercourse including drains,

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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.
33. The safety measures proposed in the report should be strictly followed.

Part - B – Specific Conditions – Pre construction phase:

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.**
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.
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.**
4. The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipments, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.
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.
6. Design of buildings should be in conformity with the Seismic Zone Classifications.
7. The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.
8. No construction activity of any kind shall be taken up in the OSR area.

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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.
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.
11. The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.
12. The project proponent shall ensure the entry of basement shall be above maximum flood level.
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. Pipe Line conveying the treated effluent for green belt development.
    iii. Pipe Line conveying the treated effluent for toilet flushing
    iv. Water supply pipeline
    v. Gas supply pipe line, if proposed
    vi. Telephone cable
    vii. Power cable
    viii. Strom water drains, and
    ix. Rain water harvesting system, etc. and it shall be made available to the owners
14. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
15. The present land use surrounding the project site shall not be disturbed at any point of time.
16. The green belt area shall be planted with indigenous native trees.
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.

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18. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
19. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
20. There should be Firefighting plan and all required safety plan.
21. Regular fire drills should be held to create awareness among owners/ residents.

Part - C - Specific Conditions – Construction phase:

1. **Construction Schedule:**
   i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.
2. **Labour Welfare:**
   i) All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
   ii) 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.
   iii) 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.
3. **Water Supply:**
   i) The entire water requirement during construction phase may be met from private tankers
   ii) Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile

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toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.

iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.

v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devises / sensor based control.

4. Solid Waste Management:

i) 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.

ii) 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.

iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.

iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.

v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.

5. Top Soil Management:

i) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.

6. Construction Debris disposal:

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i) Disposal of construction debris during construction phase should not create any adverse effect on the neighboring 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.

ii) 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.

7. Diesel Generator sets:

i) 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.

ii) 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.

iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.

8. Air & Noise Pollution Control:

i) 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.

ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely

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monitored during the construction phase. The pollution abatement measures shall be strictly implemented.

iii) 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 plan to be as per CMDA norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before commissioning.

iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.

v) 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.

9. Building material:

i) 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.

ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.

iii) Use of glass shall be reduced up 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.

10. Storm Water Drainage:

i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.

ii) Storm water management plan shall be obtained by engaging the services of Anna University/IIT.

11. Energy Conservation Measures:

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i) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.

ii) 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 fulfill the requirement.

iii) 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.

iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.

v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.

vi) 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.

12. Fire Safety:

i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.

ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.

13. Green Belt Development:

i) 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.

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ii) 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.

iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.

14. Sewage Treatment Plant:

i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions 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.

ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.

iii) 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.

iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.

v) The project proponent has to ensure the complete recycling of treated Sewage &Effluent water after achieving the standards prescribed by the CPCB.

vi) 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.

15. Rain Water Harvesting:

i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the

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maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.

ii) Rain water 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.

iii) The Project Proponent has to provide rain water harvesting pits 23Nos and rain water collection sump of 687cu.m capacity to recover and reuse the rain water during normal rains as reported.

i) The project activity should not cause any disturbance & deterioration of the local bio diversity.

16. Building Safety:

Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.

Part – D - Specific Conditions – Operational Phase/Post constructional phase/Entire life of the project:

1. There should be Firefighting plan and all required safety plan.
2. Regular fire drills should be held to create awareness among owners/ residents.
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.
4. The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.
5. Solar energy saving shall be increased to atleast10% of total energy utilization.
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 TNPCB.
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 TNPCB with a copy to SEIAA annually

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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.
9. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if 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.
11. The project activities should in no way disturb the manmade structures.
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.
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.
14. Raw water quality to be checked for portability and if necessary RO plant shall be provided.
15. The Proponent should be responsible for the maintenance of common facilities including greening, rain water 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 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.
16. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
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

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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.

18. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
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
20. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
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.
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.
23. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
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.
25. The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.
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.

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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.
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.
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.

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Copy to:

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

Signature Not Verified
Digitally signed by Tmt.P.RAJESWARI,IFS
Member Secretary
Date: 2/8/2022 5:30:31 PM