Minutes of 164th SEAC-3 Meeting Scheduled On 21st, 22nd, 23rd & 24th February, 2023 through Video Conference

Maharashtra SEIAA directed SEAC-3 to appraise the proposals by using information technology facilities. Hence, SEAC-3 initiated to appraise the proposals received by the SEIAA through Videoconferencing technology on Zoom platform from 21st, 22nd, 23rd & 24th February, 2023.

Dr. Deepak Mhaisekar, IAS Rtd.	Chairman	21st, 22nd, 23rd & 24th February, 2023
Shri Mukund Pathak	Member	21st, 22nd, 23rd & 24th February, 2023
Shri Dattatray Thorat	Member	21st, 22nd, 23rd & 24th February, 2023
Shri Kiran Acharekar	Member	21st, 22nd, 23rd & 24th February, 2023
Dr. Aseem Gokarn Harwansh	Member	21st, 22nd, 23rd & 24th February, 2023
Shri Joy Thakur	Member Secretary	21st, 22nd, 23rd & 24th February, 2023

Chairman welcomed the members to the **164th SEAC III** Meeting.

Member Secretary **Chairman**

Day 1

21st February, 2023

1	**P-1**	SIA/MH/INFRA2/409968/2022	â€œVraj Central Vistaâ€• Residential and Commercial Development by M/s. Dhairya Developers

Representative of PP was present during the meeting along with environmental consultant M/s. Enviro Analysts and Engineers Pvt. Ltd.

It is noted that, the PP has submitted the application for prior Environmental Clearance for proposed residential and commercial project with total plot area of 5370.94 m2, FSI area of 32,214.21 m2, Non FSI area of 18,500.17 m2 and total BUA of 50,714.38 m2.

Brief information of the proposal is as below:

1	Proposal Number	SIA/MH/INFRA2/409968/2022
2	Name of Project	“VRAJ CENTRAL VISTA”- Residential & Commercial Development by M/s. Dhairya Developers.
3	Project category	8a (B2)
4	Type of Institution	Private
5	Project Proponent	Mr. Manojkumar Jamnadas Ladani
6	Consultant	Enviro Analysts and Engineers Pvt. Ltd.
7	Applied for	Environment Clearance
8	Details of previous EC	NA. Green Field Project
9	Location of the project	S.no. 887/1A/2/1+887/2A/2, Shiwar Nashik, Nashik, Maharashtra.422009
10	Latitude and Longitude	Latitude: 19°57'57.7"N Longitude: 73°46'34.3"E
11	Total Plot Area (m2)	5370.94
12	Deductions (m2)	-
13	Net Plot area (m2)	5370.94
14	Proposed FSI area (m2)	32,214.21
15	Proposed non-FSI area (m2)	18,500.17
16	Proposed TBUA (m2)	50,714.38
17	TBUA (m2) approved by Planning Authority till date	FSI- 32,214.21 Non-FSI – 18,500.17 Total BUA- 50,714.38 Sanction No. B2/BP/248/2022 dated 19/10/2022 from Nashik Municipal Corporation Nashik.

Member Secretary **Chairman**

<table>
<tr><td>18</td><td>Ground coverage (m2) & Percentage (%)</td><td colspan="2">3149 sq.m. (59%)</td></tr>
<tr><td>19</td><td>Total Project Cost (Rs.)</td><td colspan="2">Rs. 97.71 Cr.</td></tr>
<tr><td>20</td><td>CER as per MoEF & CC circular dated 01/05/2018</td><td colspan="2">CER Shall be implemented as a part of EMP as recommended by SEAC/SEIAA as mentioned in OM F. No. 22-65/2017-IA.III dated September 30, 2020, and its clarification thereof</td></tr>
<tr><td>21</td><td>Details of Building Configuration:
<Please use following legends:
Floor = F, Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh></td><td></td><td>Reason for Modification / Change</td></tr>
<tr><td></td><td>Previous EC / Existing Building:
NA
<table>
<tr><th>Bldg. Name</th><th>Configuration</th><th>Ht(m)</th></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
</table></td><td colspan="2">Proposed Configuration
<table>
<tr><th>Building Name</th><th>Number of floors</th><th>Height of Bldg. (m)</th></tr>
<tr><td>Wing A</td><td>Basement 1+Basement 2+Ground (shops & parking) +1st & 2ndFloors (offices & Parking) + 3rd Floor (Amenity& Parking/Podium) + 4th to 22nd Residential Floors</td><td>69.00</td></tr>
<tr><td>Wing B</td><td>Basement 1+Basement 2+Ground (shops & parking) +1st & 2ndFloors (offices & Parking) + 3rd Floor (Amenity& Parking/Podium) + 4th to 22nd Residential Floors</td><td>69.00</td></tr>
<tr><td>Wing C</td><td>Basement 1+Basement 2+Ground (shops & parking) +1st & 2ndFloors (offices & Parking) + 3rd Floor (Amenity& Parking/Podium) + 4th to 22nd Residential Floors</td><td>69.00</td></tr>
</table></td></tr>
</table>

Member Secretary **Chairman**

<table>
<tr><td></td><td></td><td colspan="2"><table><tr><td>Wing D</td><td>Basement 1+Basement 2+Ground (shops & parking) +1st & 2nd Floors (offices & Parking) + 3rd Floor (Amenity& Parking/Podium) + 4th to 14th Residential Floors</td><td>45.40</td></tr></table></td></tr>
<tr><td>22</td><td>Total number of tenements</td><td colspan="2">Total no. of tenements 272, Shops 28 & Offices 56</td></tr>
<tr><td>23</td><td>Water Budget</td><td colspan="2"></td></tr>
<tr><td></td><td>Dry Season (CMD)<table><tr><td>Fresh Water</td><td>155</td></tr><tr><td>Recycled</td><td>84</td></tr><tr><td>Gardening</td><td>2</td></tr><tr><td>Flushing</td><td>82</td></tr><tr><td>Total</td><td>239</td></tr><tr><td>Wastewater generation</td><td>213</td></tr></table></td><td colspan="2">Wet Season (CMD)<table><tr><td>Fresh Water</td><td>155</td></tr><tr><td>Recycled</td><td>82</td></tr><tr><td>Gardening</td><td>-</td></tr><tr><td>Flushing</td><td>82</td></tr><tr><td>Total</td><td>237</td></tr><tr><td>Wastewater generation</td><td>213</td></tr></table></td></tr>
<tr><td>24</td><td>Water Storage Capacity for Firefighting / UGT(m3)</td><td colspan="2">Details of UGT:
Domestic: 225.0 m3
Flushing water tank: 50 m3
Raw Tank: 25.0 m3
Fire Fighting UGT: 200.0 m3</td></tr>
<tr><td>25</td><td>Source of water</td><td colspan="2">From Local Authority</td></tr>
<tr><td rowspan="4">26</td><td rowspan="4">Rainwater Harvesting (RWH)</td><td>Level of the Ground water table:</td><td>Pre-Monsoon:6-9 m
Post Monsoon:5-7 m</td></tr>
<tr><td>Size and no of RWH tank(s) and Quantity:</td><td>3 Nos. of 2m X 2m X 2m</td></tr>
<tr><td>Quantity and size of recharge pits:</td><td>3 Nos. recharge pits of size 2 m X 2 m X 2 m</td></tr>
<tr><td>Details of UGT tanks if any:</td><td>Details of UGT:
Domestic: 225.0 m3
Flushing water tank: 50 m3
Raw Tank: 25.0 m3
Fire</td></tr>
</table>

Member Secretary **Chairman**

<table>
<tr><td></td><td></td><td colspan="2"></td><td>Fighting UGT: 200.0 m3</td></tr>
<tr><td rowspan="3">27</td><td rowspan="3">Sewage and Wastewater</td><td colspan="2">Sewage generation in CMD:</td><td>213 m3/day</td></tr>
<tr><td colspan="2">STP technology:</td><td>MBBR Process</td></tr>
<tr><td colspan="2">Capacity of STP (CMD):</td><td>1 No. – 235 m3</td></tr>
<tr><td>28</td><td>Solid Waste Management during Construction Phase</td><td colspan="3"><table>
<tr><td>Type</td><td>Quantity (kg/d)</td><td>Treatment / disposal</td></tr>
<tr><td>Dry waste:</td><td>20</td><td rowspan="2">Handed over to Authorized vendor</td></tr>
<tr><td>Wet waste:</td><td>30</td></tr>
<tr><td>Construction waste</td><td>21200 cum</td><td>Out of which 2500 cum will be used for plot leveling internal road development & remaining 18700 cum will be sent on another site.</td></tr>
</table></td></tr>
<tr><td>29</td><td>Solid Waste Management during Operational Phase</td><td colspan="3"><table>
<tr><td>Type</td><td>Quantity (kg/d)</td><td>Treatment / disposal</td></tr>
<tr><td>Dry waste:</td><td>357</td><td>Handed over to Authorized Agency</td></tr>
<tr><td>Wet waste:</td><td>526</td><td>Treated in OWC</td></tr>
<tr><td>Hazardous waste:</td><td>NA</td><td>-</td></tr>
<tr><td>Biomedical waste</td><td>NA</td><td>-</td></tr>
<tr><td>E-Waste</td><td>4.06</td><td>Handed over to Authorized Recycler</td></tr>
<tr><td>STP Sludge (dry)</td><td>11.0</td><td>Used as manure</td></tr>
</table></td></tr>
<tr><td>30</td><td>Green Belt Development</td><td colspan="2">Total RG area (m2):</td><td>RG / Open space Not mandatory as per sanction Provided Landscape Area Periphery:</td></tr>
</table>

			258
		Existing trees on plot:	0
		Number of trees to be planted:	67
		Number of trees to be cut:	0
		Number of trees to be transplanted:	0
31	Power requirement:	Source of power supply:	By MSEDCL
		During Construction Phase (Demand Load):	100 kVA
		During Operation phase (Connected load):	2557.0 KW
		During Operation phase (Demand load):	1534.0 KW
		Transformer:	2000 kVA X 1 Nos.
		DG set	275 kVA 1 No.
		Fuel used	Diesel
32	Details of Energy saving	• Auto timer control for external & common lighting. • Use of LED lamps in all public/common areas. • Electronic V3F Drives for Elevators. • Solar PV and Solar Water Heating System.	Total Energy saving 24% Due to solar 9.18%.
33	Environmental Management plan budget during Construction phase	24.32 Lakhs	

Member Secretary **Chairman**

<table>
<tr><td>34</td><td>Environmental Management plan Budget during Operation phase</td><td>
<table>
<tr><td>Component</td><td>Details</td><td>Capital (Rs. In lakhs)</td><td>O&M (Rs.in lakhs /Y)</td></tr>
<tr><td>Storm Water</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>Sewage treatment</td><td>STP</td><td>55.26</td><td>11.46</td></tr>
<tr><td>Water treatment</td><td>NA</td><td>-</td><td>-</td></tr>
<tr><td>RWH</td><td>3 Nos. RWH pits</td><td>10.70</td><td>0.34</td></tr>
<tr><td>Solid Waste</td><td>OWC</td><td>17.22</td><td>0.519</td></tr>
<tr><td>Hazardous waste</td><td>NA</td><td>-</td><td></td></tr>
<tr><td>E-waste</td><td>-</td><td>-</td><td></td></tr>
<tr><td>Green belt development</td><td>-</td><td>3.75</td><td>0.45</td></tr>
<tr><td>Energy saving</td><td>Solar & LED</td><td>58</td><td>5</td></tr>
<tr><td>Environmental Monitoring</td><td>-</td><td>From MoEF&CC approved lab</td><td>1.19</td></tr>
<tr><td>Disaster Management + Lightening arrestor</td><td>-</td><td>322.27</td><td>25.76</td></tr>
</table>
</td></tr>
<tr><td>35</td><td>Traffic Management</td><td>
<table>
<tr><td>Type</td><td>Required as per DCR</td><td>Actual Provided</td><td>Area per parking (m2)</td></tr>
<tr><td>4-Wheeler</td><td>178</td><td>282</td><td>12.5</td></tr>
<tr><td>2-Wheeler</td><td>811</td><td>832</td><td>2.5</td></tr>
<tr><td>Bicycles</td><td>-</td><td>-</td><td>-</td></tr>
</table>
</td></tr>
<tr><td>36</td><td>Details of Court cases / litigations w.r.t. the project and project location if any.</td><td>NA</td></tr>
</table>

Deliberations:

PP stated that, the application is a residential and commercial Project located at Shiwar, Nashik. PP further stated that, the Project is a Fresh EC application in Nashik Municipal Corporation limits. PP informed that, the project site is having connectivity through 18 m & 12 m wide DP Road, Internal 6m driveway has been provided. PPP stated that, the project comprises of Wing A, Wing B and Wing C with building configuration

Basement 1+Basement 2+Ground (shops & parking) +1st & 2ndFloors (offices & Parking) + 3rd Floor (Amenity& Parking/Podium) + 4th to 22nd Residential Floors, and Wing D with configuration Basement 1+Basement 2+Ground (shops & parking) +1st & 2nd Floors (offices & Parking) + 3rd Floor (Amenity& Parking/Podium) + 4th to 14th Residential Floors.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

During discussion following points emerged:

1. PP to submit the tree cutting NoC.
2. PP to ensure that, energy saving by solar should be minimum 5%
3. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy,2021. PP to ensure that this should be provided in AC/DC combination.
4. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

Decision: -

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

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2	**P-2**	SIA/MH/INFRA2/409647/2022	Proposed Expansion in Project 'Emirus' at Baner, Pune by G.M. Kenjale Developers

Representative of PP Mr. Anuj was present during the meeting along with environmental consultant M/s. Cognizance Research India Private Limited.

It is noted that, the PP has submitted the application for expansion in existing Environmental Clearance for proposed residential and commercial project with total plot area of 20500 m2, FSI area of 26621.76 m2, Non FSI area of 25879.69 m2 and total BUA of 52501.45 m2.

Member Secretary **Chairman**

Brief information of the proposal is as below:

1.	Proposal Number	SIA/MH/INFRA2/409647/2022	
2.	Name of Project	Proposed Expansion in Project 'Emirus' at Baner, Pune by G.M. Kenjale Developers	
3.	Project category	Schedule 8(a) Category B2	
4.	Type of Institution	Partnership	
5.	Project Proponent	Name	Mr. Milind Kenjale, G.M. Kenjale Developers
		Regd. Office address	22 Parvati Gaon, Pune 411009
		Contact number	8308812205
		e-mail	abhijitckulkarni@gmail.com
6.	Consultant	Cognizance Research India Private Limited NABET/EIA/1922/SA0186 cripl.ec.maharashtra@gmail.com	
7.	Applied for	Expansion EC	
8.	Details of previous EC	Previous Environment Clearance obtained vide EC Identification Number EC22B038MH177936 dated 31/03/2022	
9.	Location of the project	S. No. 107, Village- Baner, Taluka- Haveli, District- Pune, State- Maharashtra 411045	
10.	Total Plot Area (m2)	20500	
11.	Deductions (m2)	4049.40	
12.	Net Plot area (m2)	16450.60	
13.	Proposed FSI area (m2)	26621.76	
14.	Proposed Non-FSI area (m2)	25879.69	
15.	Proposed TBUA (m2)	52501.45	
16.	TBUA (m2) approved by Planning Authority till date	As per IOD	

Member Secretary **Chairman**

17.	Total Project Cost (Rs.)	Rs. 145 Crore			
18.	CER as per MoEF & CC circular dated 01/05/2018	Activity	Location	Cost (Rs.)	Duration
		Details in CER activities Annexure			

19.	Details of Building Configuration : <Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh>					Reason for Modification / Change
	Existing Building		Proposed Configuration			
	Building Name	Current Status	Building Name	Configuration	Height (m)	
	Building A	P + 8 Floors	Building A	P + 8 Floors	25.95	
	Building B	G + 1 Floor	Building B	G + 1 Floor	7.0	
	Building C	G + 1 Floor	Building C	G + 1 Floor	7.0	
	Building D	G + 1 Floor	Building D	G + 1 Floor	7.0	
	Building E	LG + G + 8	Building E	LG + G + 8	35.90	
	Building F	LG + G + P + 10	Building F	Basement Parking + Ground floor (commercial) + 1st Floor (Parking + Commercial) + 2nd Floor to 5th floor (Parking) + 6th Floor to 15th Floor (Commercial)	47.40	
	Building G	B + G + 20 Floors	Building G	B + G + 20 Floors	69.90	
	Building H	B + G + 20 Floors	Building H	B + G + 20 Floors	69.90	
	Club House	G + 1 Floor	Club House	G + 1 Floor	7.0	

20.	Total number of tenements	171 Nos. Of Residential Tenements and Commercial Area of 6386.72 sqm consisting of shops and offices.			
21.	Water Budget	Dry Season (CMD)		Wet Season (CMD)	
		Fresh Water	91.85	Fresh Water	91.85

Member Secretary **Chairman**

		Recycled	69.1	Recycled	57.10
		Swimming Pool	13.00	Swimming Pool	13.00
		Flushing	57.10	Flushing	57.10
		Total	173.95	Total	161.95
		Waste water generation	134.06	Waste water generation	134.06
22.	Water Storage Capacity for Firefighting / UGT	Fire UGT- As per NOC			
23.	Source of water	PMC			
24.	Rainwater Harvesting (RWH)	Level of the Ground water table		Pre monsoon: 10 to 15 M BGL Post monsoon: 5 to 10 M BGL	
		Size and no of RWH tank(s) and Quantity		NA	
		Quantity and size of recharge pits		6 Nos of Size 2m x 2m x 2.6m	
		Details of UGT tanks if any		Domestic	296
				Flushing	148
				Fire	As per NOC
25.	Sewage and Wastewater	Sewage generation in CMD	134.06		
		STP technology	MBBR		
		Capacity of STP (CMD)	135		
26.	Solid Waste Management during Construction Phase	Type	Quantity (kg/d)	Treatment / disposal	
		Dry waste	As per NBC	Through authorized agency	
		Wet waste	As per NBC	Through authorized agency	
		Construction waste	As per C & D rules	Through authorized agency	
27.	Solid Waste Management during Operation Phase	Type	Quantity (kg/d)	Treatment / disposal	
		Dry waste	246	Handed over to Authorized Agency	
		Wet waste	294	In-situ Composting	
		Hazardous waste	Negligible	Negligible	
		Biomedical waste	N.A.	N.A.	
		E-Waste	3.21	Handed over to Authorized Dismantler/Recycler	
		STP Sludge (dry)	12.15	In-situ Composting	
28.	Green Belt Development	Total RG area (m2)	1935.36		
		Number of trees to be planted	206 Nos. Of trees required by rule		

Member Secretary **Chairman**

		Number of trees to be cut	0
		Number of trees to be transplanted	NIL
29.	Power requirement	Source of power supply	MSEDCL
		During Construction Phase (Demand Load)	45 KW
		During Operation phase (Connected load)	2233 KW
		During Operation phase (Demand load)	1355 KW
		Transformer	630 KVA x 3 Nos
		DG set	250 KVA x 1 No., 82.5 kVA x 1 No., 325 kVA x 1 No., 100 kVA x 1 No.
		Fuel used	HSD
30.	Details of Energy saving	Most of the common area & external lighting are proposed to work on high energy efficient lamps(LED) as specified in bureau of energy efficiency which again results in saving in general consumption Low loss Transformers due to which 6.22% losses are saved against conventional transformer. Power Capacitors are proposed for load power factor correction and to maintain a healthy power situation. This also results in less demand load factor for the project. Solar PV, Hot Water, Solar Street Lights, Energy Efficient Motors are proposed	
31.	Environmental Management plan budget during Construction phase	No.	Details	Cost per annum (Rs. In Lacs)
		1	Water for Construction,Lab	4.0

Member Secretary **Chairman**

			our& Dust Suppression	
		2	Site Sanitation & Health & Safety PPE Kits	3.0
		3	Environmental Monitoring	4.0
		4	Disinfection& Health & Safety	3.0
		5	Health Check up	3.0

32.	Environmental Management plan Budget during Operation phase	Component	Details	Capital (Rs.In Lacs)	O&M (Rs.In Lacs/Y)
		Sewage treatment	Waste Water Management	47.50	9.85
		RWH	RWH Pits	3.00	1.00
		Solid Waste	Organic Waste Composting	11.00	1.25
		Green belt development	Tree Plantation	12.66	2.00
		Energy saving	Energy Conservation	90.00	1.00
		Environmental Monitoring	Pollution Control	0.0	6.0
		Disaster Management	Fire & LA	128.02	6.40
		PPE Kits Health & Safety	Biomedical Waste Management	0.0	1.0

33.	Traffic Management	Type	Required as per DCR	Actual Provided	Area per parking (m2)
		4-Wheeler	426	426	11534.41
		2-Wheeler	670	678	
		Cycles	384	384	
34.	Details of Court cases / litigation w.r.t. the project and project location if any	NA			

Member Secretary **Chairman**

Deliberations:

PP stated that, the application is a residential and commercial project located at Baner, Pune. PP further stated that, they have applied for vertical expansion in existing project. PP informed that, the earlier EC was obtained vide letter dated 03/12/2016, then they applied for expansion and revised EC obtained vide letter dated 31.03.2022. PP further informed that, as per the proposed expansion, they have obtained the revised NOC's such as Water, Drainage and SWaCH. PP stated that, Environmental Services like STP, OWC, UGT, RWH are proposed in accordance with revised population as per the proposed Expansion. PP further stated that, construction of 44214.58 sq.m. has been completed on site and Architect Certificate for the same is also submitted.

PP informed that, the project comprises of Building A with building configuration P+8 Floors, Building B, Building C, Building D and Club House with G+1 Floor, Building E with configuration LG+G+8 floors, Building F with configuration Basement Parking + Ground floor (commercial) + 1st Floor (Parking + Commercial) + 2nd Floor to 5th floor (Parking) + 6th Floor to 15th Floor (Commercial) and Building G and Building H with configuration B+G+20 Floors. PP stated that, site visit from Regional Office, MoEFCC, Nagpur has been done and Certified Compliance Report (CCR) is also received vide letter 02/12/2022.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

During discussion following points emerged:

1. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy,2021. PP to ensure that this should be provided in AC/DC combination.

2. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

Decision: -

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

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3	**P-3**	SIA/MH/INFRA2/410282/2022	Proposed Residential + Commercial Project at CTS 1848, Mundhwa, Pune, by Osian Infratech

Representative of PP was present during the meeting along with environmental consultant M/s. Cognizance Research India Private Limited.

It is noted that, the PP has submitted the application for prior Environmental Clearance for proposed residential and commercial project with total plot area of 16000 m2, FSI area of 79822.35 m2, Non FSI area of 52577.65 m2 and total BUA of 132400 m2.

Brief information of the proposal is as below:

1.	Proposal Number	SIA/MH/INFRA2/410282/2022	
2.	Name of Project	Proposed Residential + Commercial Project at CTS 1848, Mundhwa, Pune by Osian Infratech LLP	
3.	Project category	Schedule 8(a) Category B2	
4.	Type of Institution	LLP	
5.	Project Proponent	Name	Mr. Pankaj D Vohra, M/s Osian Infratech LLP
		Regd. Office address	1205/3/3 Shivajinagar, 3 Business Embassy, Off JM Road, Pune 411004
		Contact number	9822002223
		e-mail	nilesh@kanchandevelopers.com
	Consultant	Cognizance Research India Private Limited NABET/EIA/1922/SA0186 cripl.ec.maharashtra@gmail.com	
7.	Applied for	Fresh EC	

Member Secretary **Chairman**

8.	Details of previous EC	NA				
9.	Location of the project	CTS Number 1848, Old Survey no 56, Mundhwa Village, Taluka Haveli, Magarpatta Kharadi Road, District Pune, State Maharashtra 411036				
	Latitude and Longitude	Latitude- 18°31'53.55"N Longitude- 73°55'50.00"E				
11.	Total Plot Area (m2)	16000				
12.	Deductions (m2)	28.93				
13.	Net Plot area (m2)	15971.07				
14.	Proposed FSI area (m2)	79822.35				
15.	Proposed Non-FSI area (m2)	52577.65				
16.	Proposed TBUA (m2)	132400				
17.	TBUA (m2) approved by Planning Authority till date	As per IOD				
19.	Total Project Cost (Rs.)	Rs. 218.26 Crore				
20.	CER as per MoEF & CC circular dated 01/05/2018	Activity	Location	Cost (Rs.)	Duration	
		As per OM dated 30th September, 2020				

21.	Details of Building Configuration : <Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh>					Reason for Modification / Change
	Existing Building as per EC		Proposed Configuration			
	Building Name	Current Status	Building Name	Configuration	Height (m)	
	-	-	Building A	Gr.P + Pod.1 + Pod.2 + Pod.3 + Pod.4 + 25 Floors	92.60	
	-	-	Building B	Gr.P + Pod.1 + Pod.2 + Pod.3 + Pod.4 + 25 Floors	92.60	
	-	-	Building C	Gr.P + Pod.1 + Pod.2 + Pod.3 + Pod.4 + 25	92.60	

Member Secretary **Chairman**

				Floors		
	-	-	(Inclusive Housing) Building D	Par. + 11 Floors	34.80	
	-	-	Commercial Building E	B. + Gr. + Mezz. + Pod.1 + Pod.2 + Pod.3 + 12 Floors	56.20	

22.	Total number of tenements	Residential Tenements- 519 Nos. Commercial Area- 18893.01 Sqm			
23.	Water Budget	Dry Season (CMD)		Wet Season (CMD)	
		Fresh Water	289.10	Fresh Water	289.10
		Recycled	167.2	Recycled	157.62
		Swimming Pool	4.78	Swimming Pool	0
		Flushing	157.62	Flushing	157.62
		Total	461.08	Total	446.72
		Waste water generation	402.05	Waste water generation	402.05
24.	Water Storage Capacity for Firefighting / UGT	As per NOC			
25.	Source of water	PMC			
26.	Rainwater Harvesting (RWH)	Level of the Ground water table		Pre Monsoon: 15 - 20 M BGL Post Monsoon: 10 - 15 M BGL	
		Size and no of RWH tank(s) and Quantity		NA	
		Quantity and size of recharge pits		4 Nos. of Size 2m x 2m x 2m	
		Details of UGT tanks if any		Domestic	663
				Flushing	157.62
				Fire	As per NOC
27.	Sewage and Wastewater	Sewage generation in CMD	402.05		
		STP technology	MBBR		
		Capacity of STP (CMD)	410		
28.	Solid Waste Management during Construction Phase	Type	Quantity (kg/d)	Treatment / disposal	
		Dry waste	As per NBC	Through authorized agency	
		Wet waste	As per NBC	Through authorized agency	
		Construction waste	As per C & D rules	Through authorized agency	
29.	Solid Waste Management during Operation	Type	Quantity (kg/d)	Treatment / disposal	
		Dry waste	825	Handed over to Authorized Agency	
		Wet waste	983	In-situ Composting	
		Hazardous waste	Negligible	Negligible	

Member Secretary **Chairman**

	Phase	Biomedical waste	N.A.	N.A.
		E-Waste	16	Handed over to Authorized Dismantler/Recycler
		STP Sludge (dry)	31.50	In-situ Composting

30.	Green Belt Development	Total Open Space (m2)	1597.12
		Existing Trees on plot	216 Nos. Of Trees
		Number of trees to be planted	200 Nos. Of trees required by rule.
		No. Of trees to be cut	101 Nos.
		No. Of trees to be transplanted	0
31.	Power requirement	Source of power supply	MSEDCL
		During Construction Phase (Demand Load)	75 KW
		During Operation phase (Connected load)	6141 KW
		During Operation phase (Demand load)	3295 KW
		Transformer	630 KVA x 6 Nos
		DG set	125 kVA X 1 No., 320 kVA X 1 No., 500 KVA X 2 Nos
		Fuel used	HSD
1.	Details of Energy saving	Most of the common area & external lighting are proposed to work on high energy efficient lamps(LED) as specified in bureau of energy efficiency which again results in saving in general consumption Low loss Transformers due to which 6.22% losses are saved against conventional transformer. Power Capacitors are proposed for load power factor correction and to maintain a healthy power situation. This also results in less demand load factor for the project. Solar PV, Hot Water, Solar Street Lights, Energy Efficient Motors are proposed	

32	Environmental Management plan budget during Construction phase	No.	Details	Cost per annum (Rs. In Lacs)
		1	Water for Construction,Labour& Dust Suppression	4.0
		2	Site Sanitation & Health & Safety PPE Kits	3.0
		3	Environmental Monitoring	4.0
		4	Disinfection& Health & Safety	3.0
		5	Health Check up	3.0

34.	Environmental Management plan	Component	Details	Capital (Rs.In Lacs)	O&M (Rs.In Lacs/Y)

Member Secretary **Chairman**

	Budget during Operation phase	Sewage treatment	Waste Water Management	59.00	22.30
		RWH	RWH Pits	8.25	1.65
		Solid Waste	Organic Waste Composting	22.75	6.85
		Green belt development	Tree Plantation	51.40	15.42
		Energy saving	Energy Conservation	171.16	9.49
		Environmental Monitoring	Pollution Control	0.0	6.0
		Disaster Management	Fire & LA	313.13	15.66
		PPE Kits Health & Safety	Biomedical Waste Management	0.0	1.0

35.	Traffic Management	Type	Required as per DCR	Actual Provided	Area per parking (m2)
		4-Wheeler	775	775	14633.5
		2-Wheeler	2473	2473	
36.	Details of Court cases / litigation w.r.t. the project and project location if any	NA			

Deliberations:

PP stated that, the application is a residential and commercial project located at Village Mundhwa, Pune. PP further stated that, the Project is a Fresh EC application in Pune Municipal Corporation limits with no existing construction o site. PP informed that, Water NOC, Drainage NOC and Garden NOC have been obtained for the project. PP further informed that, Environmental Services like STP, OWC, RWH Pits and Energy Saving Measures are provided. PP stated that, the project comprises of Building A, Building B and Building C with building configuration Gr.P + Pod.1 + Pod.2 + Pod.3 + Pod.4 + 25 Floors, (Inclusive Housing) Building D with configuration Par. + 11 Floors and Commercial Building E with building configuration B. + Gr. + Mezz. + Pod.1 + Pod.2 + Pod.3 + 12 Floors.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil,

ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

During discussion following points emerged:

1. Pp to submit details of trees to be cut,
2. PP to submit the all details of compensatory no details of 901 plants to be planted given.
3. PP to submit the location where these trees are going to be planted consent of owner etc.
4. IOD is awaited it may be submitted
5. PP to shuffle the entry- exit for commercial & residential complex for easy movement. PP to submit the revised plan accordingly.
6. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy,2021.
7. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

Decision: -

After deliberation, Committee decided to defer the proposal subject to compliance of above points.

*****

4	**P-4**	SIA/MH/INFRA2/410394/2022	Proposed Residential & Commercial project at Sr No. 132/1A/1/1/1/2, Majrewadi, Jule Solapur, Solapur â€“ 413004 by Smt. Sudhaben Vinubhai Patel

Representative of PP Mr. Jigar was present during the meeting along with environmental consultant M/s. J. M. EnviroNet Pvt. Ltd.

It is noted that, the PP has submitted the application for prior Environmental Clearance for proposed residential and commercial project with total plot area of 9924.00 m2, FSI area of 31845.52 m2, Non FSI area of 17369.53 m2 and total BUA of 49215.05 m2.

Brief information of the proposal is as below:

1	**Proposal Number**	**SIA/MH/INFRA2/410394/2022**		
2	**Name of Project**	Proposed Residentila & Commercial project at Survey no. 132/1A/1/1/1/2 , Majrewadi, Jule Solapur, Solapur-413004 by Smt. Sudhaben Vinubhai Patel.		
3	**Project Category**	Category 'B2', Activity 8(a)		
4	**Type of institution**	Private		
5	**Name of Project Proponent**	Name : Smt. Sudhaben Vinubhai Patel. Address: 2/A, Jai Jalaram Nagar, Near Dwarkadish Mandir, Jule Solapur, Solapur-413004.		
6	**Name of Consultant**	J. M. EnviroNet Pvt. Ltd.		
7	**Applied for**	New Project		
8	**Details of Previous EC**	---		
9	**Location of the project**	Survey no. 132/1A/1/1/1/2 , Majrewadi, Jule Solapur, Solapur-413004		
	Taluka	Solapur City		
	Village	Majrewadi, Jule Solapur		
	District	Solpaur		
10	**Latitude & Longitude**	Latitude – 17.634978° N Longitude – 75.910936° E		
11	**Total Plot Area (m2)**	9924.00 sq. m		
12	**Deductions (m^2)**	0		
13	**Net Plot area(m^2)**	9924.00 sq. m		
14	**Proposed FSI area (m^2)**	31845.52 sq. m		
15	**Proposed Non FSI area (m^2)**	17369.53 sq. m		
16	**Proposed Total Built-up Area (FSI & Non-FSI) (m^2)**	49215.05 sq. m		
17	**Total built up area (m^2) approved by planning authority till date**	49215.05 sq. m		
18	**Ground coverage (m^2) & %**	--		
19	**Total Project Cost (Rs.)**	Rs. 84 Cr		
20	**CER as per MoEF & CC circular dated 01/05/2018**	--		
21	**Number of buildings & its configuration:**			
	SN	**Building Name**	**Configuration**	**Height (m)**
	1	Building A	1 Basement Parking + Ground Parking + Podium (1st Floor Parking) + 12 floors	44.65 m
	2	Building B	1 Basement Parking + Ground Parking + Podium (1st Floor Parking) + 12 floors	44.65 m
	3	Building C	1 Basement Parking + Ground Parking + Podium (1st Floor Parking) + 12 floors	44.65 m

Member Secretary **Chairman**

	4	Club House	Podium (1st Floor)+ 2nd Floor		11.65 m
22	**Number of tenants and shops**		Residential Flats – 264 nos' Commercial shops in Building A		
	Number of expected residents/users		Residential- 1320 persons Commercial: 156 persons		
23	**Water Budget**				
	Dry Season (CMD)			**Wet Season (CMD)**	
	Fresh water (CMD):	123		Fresh water (CMD):	123
	Recycled water-Flushing(CMD):	63		Recycled water-Flushing (CMD):	63
	Recycled water-Gardening (CMD):	13		Recycled water-Gardening (CMD):	00
	Swimming pool makeup(Cum):	0		Swimming pool makeup(Cum):	0
	Total Water Requirement(CMD)	199		Total Water Requirement(CMD)	186
	Waste water generation (CMD)	167		Waste water generation (CMD)	167
24	**Water Storage Capacity for Firefighting /UGT (m3)**			225 KLD	
25	**Source of water**			Solapur Municipal Corporation (SMC)	
26	**Rain Water Harvesting (RWH)**		Level of the Ground water table:	Water Level – Post Monsoon: 4-5 m Water Level – Pre Monsoon: 8-9 meter	
			Size and no of RWH tank(s) and Quantity:	NA	
			Location of the RWH tank(s):	NA	
			Quantity of recharge pits:	5 No (2 surface +03 terrace rain water)	
			Size of recharge pits :	Terrace: 2*1.5*2 meter Silt collection chamber-2.5*1.5*1 meter Diameter bore well – 0.160 m Depth of bore well – 60 m Surface: 2*2*1.9 meter Silt collection chamber-2.5*1.5*1 meter Diameter bore well – 0.160 m Depth of bore well – 60 m	

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	Details of UGT tanks if any:	Domestic Tank Fire Tank		184 KLD 225 KLD
27	**Sewage and Waste water**	Sewage generation in CMD:		167 KLD
		STP technology:		MBBR
		Capacity of STP (CMD):		170 KLD
28	**Solid Waste Management during Construction Phase**	Total waste- 20 kg/d Dry waste- 10 kg/d Wet waste- 10 kg/d		
	Solid Waste Management during Operation Phase:	**Type**	**Quantity (kg/day)**	**Treatment/disposal**
		Dry waste:	287.4 kg/day	Will be handed over SMC.
		Wet waste:	411.6 kg/day	OWC proposed
		Hazardous waste:	NA	NA
		Biomedical waste	--	--
		E-Waste	4.2 kg/day	Will be handed over SMC.
		STP Sludge (Dry)	16.8 kg/day	Used as manure after OWC Treatment
30	**Green Belt Development**			
	Total RG area (m2):	Total RG area: 995 sq. m		
	Existing trees on plot	0		
	Number of trees to be planted	124		
	No of trees to be cut	00		
	Number of trees to be transplanted	00		
	No of trees to be protected	00		
31	**Power Requirement**			
	Source of power supply:	MSEDCL		
	During Construction Phase: (Demand Load)	50 KW		
	During Operation phase (Connected load):	2359 kW		
	During Operation phase (Demand load):	1051 kW		
	Transformer:	2 x 630 KVA		
	DG set:	250 KVA		
	Fuel used:	HSD		
32	**Details of Energy saving:**			
	S. no	**Energy Conservation Measures**		**Saving%**
	1	Energy efficient Solar lighting for landscape & driveway+ common area lighting + Solar PV panel		10.33 %

Member Secretary **Chairman**

33	**Environmental Management Plan budget during Construction Phase**			
	S.No	**Attributes**	**Parameter**	**Total Cost per annum (Rs. In Lacs)**
	1	Air	Dust suppression measures and barricading	Rs. 1,06,000 /-
	2	Land	Site Sanitation & Safety	Rs. 26,500/-
	3	Environment management	Environmental Monitoring	Rs. 1,50,000/-
	4	Health & safety	Disinfection and Health Check-ups	Rs. 88,000 /-

34	**Environmental Management Plan budget during Operation phase**				
	S. No	**Component**	**Description**	**Capital cost Rs. In Lacs**	**Operational and Maintenance cost (Rs. In Lacs/yr)**
	1	Sewage Treatment Plant	STP based on MBBR technology	Rs. 57,34,900 /-	Rs. 13,37,400 /-
	2	Solid Waste Management	OWC	Rs. 8,90,000 /-	Rs. 3,16,746 /-
	3	Bio-medical waste	--	Rs. 1,00,000 /-	
	4	Rain Water Harvesting	RWH pits	Rs. 5,00,000 /-	Rs. 45,000 /-
	5	Green Belt Development	Trees proposed	Rs. 14,43,563 /-	Rs. 4,44,500 /-
	6	Energy	Solar PV panels	Rs. 33,70,000 /-	Rs. 1,68,500 /-
	7	Environmental Monitoring	Environmental Monitoring	–	Rs. 2,80,000/-
	8	Basement Ventilation		Rs. 2,40,000 /-	Rs.50,000 /-

35	**Traffic Management**			
	Type	**Required as per DCR**	**Actual provided**	**Area**
	4-wheeler	186	270	12.5 sq. m per car as per rule
	2 – wheeler	382	463	2 sq. m per 2-wheeler as per rule.
	Cycle	--	--	--
36	**Details of Court cases / litigations w.r.t. the project and project location if any.**		No	

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Deliberations:

PP stated that, the application is a residential and commercial project located at Majrewadi, Solapur. PP further stated that, the project is a Fresh EC application. PP informed that, the project comprises of Building A, Building B and Building C with building configuration 1 Basement Parking + Ground Parking + Podium (1st Floor Parking) + 12 floors and Club House with configuration Podium (1st Floor)+ 2nd Floor.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

During discussion following points emerged:

1. IOD is awaited.
2. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy,2021.
3. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

Decision: -

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

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5	**P-5**	SIA/MH/INFRA2/410356/2022	Proposed Residential & Commercial Project "Shriram Sky Park" by SHRIRAM SAMRUDDHI DEVELOPERS

Representative of PP was present during the meeting along with environmental consultant M/s. Shrikrishna Environment Consultants Pvt. Ltd.

Member Secretary **Chairman**

It is noted that, the PP has submitted the application for prior Environmental Clearance for proposed residential and commercial project with total plot area of 5785.00 m2, FSI area of 18,816.04 m2, Non FSI area of 10,025.51 m2 and total BUA of 28,841.55 m2.

Brief information of the proposal is as below:

1	**Proposal Number**	PARIVESH Proposal No.**: SIA/MH/INFRA2/410356/2022**
2	**Name of Project**	Proposed Residential & Commercial Project "Shriram Sky Park" by **M/s. Shriram Samruddhi Developers**
3	**Project category**	B Category, 8(a)
4	**Type of Institution**	Private
5	**Project Proponent**	• **Name:** M/s. Shriram Samruddhi Developers • **Address:** M/s. Shriram Samruddhi Developers, S No.: 261/2, Vivan Park, Khalsa Dairy, Lohgaon, Pune. • **Phone No:** 9850058610 • **Email ID:** shriramdevelopers47@gmail.com
6	**Name of Consultant**	• **Name:** Shrikrishna Environment Consultants Pvt. Ltd. • **NABET Accreditation No.:** NABET/EIA/2124/IA 0089 • **Validity:** 04/11/2024
7	**Applied for**	Fresh EC
8	**Details of Previous EC**	NA
9	**Location of the project**	Survey no. 315/1(P), 313/2/4(P), Charholi Bk, Taluka-Haveli, Pune
10	**Latitude and Longitude**	18°37'1.33"N, 73°54'19.66"E
11	**Total Plot Area**	5785.00 Sq.M.
12	**Deductions**	1951.46 Sq.M.
13	**Net Plot Area**	3792.60 Sq.M.
14	**Proposed FSI area**	18,816.04 Sq.M.
15	**Proposed Non FSI area**	10,025.51 Sq.M.
16	**Proposed Total Built up Area**	**28,841.55 Sq.M.**
17	**Total Built up area approved by Planning Authority**	In Process
18	**Ground Coverage**	--
19	**Total Project Cost**	Rs. 48 Cr.
20	**CER as per MoEF & CC circular dated 01/05/2018**	CER Shall be Implemented as a part of EMP as recommended by SEAC/SEIAA as mentioned in OM F. No. 22-65/2017-IA.III dated 30 September, 2020 and OM file No. 22-65/2017-IA.III dated 25/02/2021.

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<table>
<tr><td>21</td><td>Details of Building Configuration</td><td>Proposed Building Configuration:

<table><tr><th>Building Name</th><th>Configuration</th><th>Height</th></tr><tr><td>Wing A</td><td>B3 + B2 + B1 + LG + UG + 12 Floor</td><td>41.70m</td></tr><tr><td>Wing B</td><td>B3 + B2 + B1 + LG + UG + 12 Floor</td><td>41.70m</td></tr></table></td></tr>
<tr><td>22</td><td>Total number of tenements</td><td>Tenements: 190 Nos. & commercial Shops 26 Nos.

Expected Users: Total: 1151 Nos.
(Residential: 950 + Commercial:201)</td></tr>
<tr><td>23</td><td>Water Budget</td><td>Proposed water budget

<table><tr><th>Particular</th><th>Dry Season</th><th>Wet Season</th></tr><tr><td>Fresh Water</td><td>95.02 KLD</td><td>95.02 KLD</td></tr><tr><td>Recycled (Flushing)</td><td>46.76 KLD</td><td>46.76 KLD</td></tr><tr><td>Recycled (Landscape)</td><td>2.28 KLD</td><td>0 KLD</td></tr><tr><td>Total</td><td>144.06KLD</td><td>141.78KLD</td></tr><tr><td>Waste water generation</td><td>127.6KLD</td><td>127.6KLD</td></tr></table></td></tr>
<tr><td>24</td><td>Water Storage Capacity for Fire Fighting/ UGT</td><td>1 UGT proposed: Details as follows

UGT-: Basement Level 1 of Bldg. B
Located at Basement Level 1 of Bldg. B
Domestic UG tank Capacity: 207.0 Cu. M.
Flushing UG tank Capacity: 48.0 Cu. M.
Fire UG tank Capacity: 150.00 Cu. M.</td></tr>
<tr><td>25</td><td>Source of Water</td><td>Pimpri Chinchwad Municipal Corporation (PCMC)

STP treated water will be reused for flushing & landscape purpose.</td></tr>
<tr><td>26</td><td>Rainwater Harvesting (RWH)</td><td>Level of Ground Water Table:
Pre-Monsoon: 10 m to 12 m BGL
Post Monsoon: 8 m to 10 m BGL
Size & No. of RWH tanks and Quantity: NA
Quantity and size of recharge pits: 4 nos. of recharge pits proposed having size 1.5m x 2.0m x 3m
UGT-: Basement Level 1 of Bldg. B
Located at Basement Level 1 of Bldg. B
Domestic UG tank Capacity: 207.0 Cu. M.
Flushing UG tank Capacity: 48.0 Cu. M.
Fire UG tank Capacity: 150.00 Cu. M.</td></tr>
<tr><td>27</td><td>Sewage and</td><td>Sewage Generation: 127.60 KLD</td></tr>
</table>

<table>
<tr><td></td><td>Wastewater</td><td>• Proposed STP Capacity: 1 x 140 KLD Capacity with MBBR Technology
• STP Technology: MBBR</td></tr>
<tr><td>28</td><td>Solid waste management during construction phase</td><td>
<table>
<tr><th>pe</th><th>Quantity</th><th>Treatment/ disposal</th></tr>
<tr><td>y waste</td><td>Negligible</td><td>llect & disposed through authorized agency.</td></tr>
<tr><td>t waste</td><td>Negligible</td><td>ovision of composting</td></tr>
<tr><td>nstruction waste</td><td>p Soil & bris</td><td>p soil will be reused for landscape purpose within project site.
cavated debris will be will be reused for backfilling, levelling & plinth filling purpose.</td></tr>
</table>
</td></tr>
<tr><td>29</td><td>Solid waste management during operation phase</td><td>
<table>
<tr><th>pe</th><th>antity</th><th>eatment/ disposal</th></tr>
<tr><td>y waste</td><td>220.15 Kg/day</td><td>ll be collected & disposed by SWaCH Organization</td></tr>
<tr><td>t waste</td><td>305.1 Kg/day</td><td>eated in Smart Drum Organic waste composter and used as manure in landscape</td></tr>
<tr><td>zardous waste</td><td>--</td><td>NA</td></tr>
<tr><td>omedical waste</td><td>--</td><td>NA</td></tr>
<tr><td>waste</td><td>3.43 Kg/day</td><td>ll be collect & disposed by SWaCH Organization</td></tr>
<tr><td>P Sludge</td><td>19.14 Kg/day</td><td>eated in OWC and used as manure in landscape</td></tr>
</table>
</td></tr>
<tr><td>30</td><td>Green Belt Development</td><td>• Total RG Area: 379.28 Sq.M.
• Existing trees on Plot: 0 nos.
• Number of trees to be plant: 48 Nos.
• Number of trees to be cut: 0
• Number of trees to be transplant: 0</td></tr>
<tr><td>31</td><td>Power Requirement</td><td>• Source of power supply: MSEDCL
• During Construction Phase (Demand Load): 75 kW
• During Operation Phase (Connected Load): 1334 kW
• During Operation Phase (Demand Load): 771 kW
• Transformer: 1 x 630 kVA & 1 x 315 kVA
• DG Set: 1 x 200 kVA
• Fuel Used: HSD</td></tr>
</table>

Member Secretary **Chairman**

<table>
<tr><td>32</td><td>Details of Energy Saving</td><td>Total Energy Saving: 20.42 % through proposed use of Solar Energy, Energy saving measures, Solar Water Heaters & Solar PV Panels.</td></tr>
<tr><td>33</td><td>Environment Management Plan during Construction phase</td><td>
<table>
<tr><th>Sr. No.</th><th>Parameter</th><th>Capital Cost (Rs. In Lakh)</th></tr>
<tr><td>1</td><td>Personnel Protective Equipment</td><td>3.0</td></tr>
<tr><td>2</td><td>Site Sanitation Facility</td><td>2.5</td></tr>
<tr><td>3</td><td>Water provision</td><td>3.0</td></tr>
<tr><td>4</td><td>Solid waste management</td><td>1.5</td></tr>
<tr><td>5</td><td>Health Check up</td><td>2.0</td></tr>
<tr><td>6</td><td>Awareness to workers or training</td><td>1.0</td></tr>
<tr><td>7</td><td>Environmental Monitoring</td><td>3.0</td></tr>
<tr><td>8</td><td>Disaster Management</td><td>30.0</td></tr>
<tr><td></td><td>TOTAL</td><td>46.0</td></tr>
</table>
</td></tr>
<tr><td>34</td><td>Environment Management Plan Operation phase</td><td>
<table>
<tr><th>Sr. No.</th><th>Component</th><th>Details</th><th>Capital Cost (Rs. Lakh)</th><th>O &M Cost (Rs. Lakh)</th></tr>
<tr><td>1</td><td>Storm water</td><td>NA</td><td>--</td><td>--</td></tr>
<tr><td>2</td><td>Sewage Treatment Plant</td><td>STP of 140 KLD Capacity</td><td>25.00</td><td>9.32</td></tr>
<tr><td>3</td><td>Water treatment</td><td>--</td><td>--</td><td>--</td></tr>
<tr><td>4</td><td>RWH</td><td>4 Nos of Recharge Pits</td><td>8.0</td><td>0.35</td></tr>
<tr><td>5</td><td>Swimming Pool</td><td>--</td><td>--</td><td>--</td></tr>
<tr><td>6</td><td>Solid waste management</td><td>OWC</td><td>13.50</td><td>2.81</td></tr>
<tr><td>7</td><td>Hazardous waste</td><td>NA</td><td>--</td><td>--</td></tr>
<tr><td>8</td><td>E-waste</td><td>Collection & Disposal with authorized agency</td><td>--</td><td>--</td></tr>
<tr><td>9</td><td>Green Belt Development</td><td>48 No of Trees</td><td>10.91</td><td>2.99</td></tr>
<tr><td>10</td><td>Energy Saving</td><td>20.42 % Energy saving</td><td>49.01</td><td>2.55</td></tr>
<tr><td>11</td><td>Environment Monitoring</td><td>Air, Water, Noise, Soil, STP, DG set, Compost Monitoring</td><td>--</td><td>5.0</td></tr>
<tr><td>12</td><td>Disaster Management</td><td>--</td><td>76.0</td><td>10.55</td></tr>
</table>
</td></tr>
</table>

Member Secretary **Chairman**

<table>
<tr><td></td><td></td><td><table><tr><td></td><td>TOTAL</td><td></td><td>182.42</td><td>33.57</td></tr></table></td></tr>
<tr><td>35</td><td>Traffic Management</td><td><table><tr><th>Type</th><th>Required as per UDCPR</th><th>Actual Provided</th><th>Area per Parking</th></tr><tr><td>4-Wheeler</td><td>167 No.</td><td>167 Nos.</td><td>12.5 Sq.M.</td></tr><tr><td>2-Wheeler</td><td>351 No.</td><td>351 Nos.</td><td>-- Sq.M.</td></tr></table>
Total Parking Area: 2800.00 Sq.M.</td></tr>
<tr><td>36</td><td>Details of Court Cases/ litigations w.r.t. the project and project location if any</td><td>NA</td></tr>
</table>

Deliberations:

PP stated that, the application is a residential and commercial project located at Charholi Bk., Pune. PP further stated that, the Project is a Fresh EC application in Pimpri Chinchwad Municipal Corporation limits. PP informed that, the project comprises of Wing A and Wing B with building configuration B3 + B2 + B1 + LG + UG + 12 Floors

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

During discussion following points emerged:

1. PP to submit the fire NoC.
2. PP to ensure that, there should not be any parking on 6mt wide road near commercial area which can hinder the fire tender movement.
3. It is noted that, the project will procure potable water through tankers; PP to submit the water tanker agreement. Local body to ensure that, No Occupation Certificate should be issued unless project have sustainable water supply.
4. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy,2021.

Member Secretary **Chairman**

5. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

Decision: -

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

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6	**P-6**	SIA/MH/INFRA2/409192/2022	Proposed Residential and Commercial Project â€œLandmark Towersâ€• at Satara by M/s Kangralkar Infrastructure

Representative of PP was present during the meeting along with environmental consultant M/s. Srushti Seva Private Limited.

It is noted that, the PP has submitted the application for prior Environmental Clearance for proposed residential and commercial project with total plot area of 18500 m2, FSI area of 64373.34 m2, Non FSI area of 26869.00 m2 and total BUA of 91242.34 m2.

Brief information of the proposal is as below:

1.	Proposal Number	SIA/MH/INFRA2/409192/2022	
2.	Name of Project	Residential and Commercial Project “Landmark Towers” at Satara by M/s Kangralkar Infrastructure	
3.	Project category	Schedule 8(a) Category B2	
4.	Type of Institution	Private	
5.	Project Proponent	Name	Mr. Shridhar Kangralkar, M/s Kangralkar Infrastructure
		Regd. Office address	S.No. 19A+20A Gajanan Chambers, Bombay Restaurant Chowk,Godoli,Visawa Park,Satara.
		Contact number	9822477829
		e-mail	management.kangralkar@gmail.com
	Consultant	ACO Name - Srushti Seva Private Limited NABET - NABET/EIA/1821/SA 0107	

Member Secretary **Chairman**

7.	Applied for	Fresh EC
8.	Details of previous EC	NA
9.	Location of the project	S.No. 295, Kartanje Tarf, Near Hutatma Smarak & Netaji Subhashchandra Bose Chowk, Village - Satara, Taluka - Satara, State - Maharashtra
	Latitude and Longitude	17°41'47.05"N, 74° 0'5.71"E
11.	Total Plot Area (m2)	18500
12.	Deductions (m2)	2673
13.	Net Plot area (m2)	15827
14.	Proposed FSI area (m2)	64373.34
15.	Proposed Non-FSI area (m2)	26869.00
16.	Proposed TBUA (m2)	91242.34
17.	TBUA (m2) approved by Planning Authority till date	As per IOD
19.	Total Project Cost (Rs.)	Rs 144 Cr
20.	CER as per MoEF & CC circular dated 01/05/2018	Activity / Location / Cost (Rs.) / Duration As per OM dated 30th September, 2020

21. Details of Building Configuration :
<Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh>

Building Configuration as per previous EC		Proposed Configuration		
Building Name	Configuration	Building Name	Configuration	Height (m)
-	-	Wing A	L Gr + U Gr + 17 Floors	55.98
-	-	Wing B	L Gr + U Gr + 17 Floors	55.98
-	-	Wing C	L Gr + U Gr + 17 Floors	55.98
-	-	Wing D	L Gr + U Gr + 17 Floors	55.98

Member Secretary **Chairman**

	-	-	North Wing	L Gr + U Gr + 3 Floors	14.72	
	-	-	East Wing	L Gr + U Gr + 3 Floors	14.72	

22.	Total number of tenements	544 Nos				
	Commercial Area	9483.52 Sqm				
23.	Water Budget	Dry Season (CMD)		Wet Season (CMD)		
		Fresh Water	285.2	Fresh Water	285.2	
		Recycled	162	Recycled	155	
		Swimming Pool	7	Swimming Pool	7	
		Flushing	155	Flushing	155	
		Total	452.23	Total	445.23	
		Waste water generation	396	Waste water generation	396	
24.	Water Storage Capacity for Firefighting / UGT	As per NOC				
25.	Source of water	Satara Municipal Corporation				
26.	Rainwater Harvesting (RWH)	Level of the Ground water table		Pre Monsoon: 15 - 20 M BGL Post Monsoon: 10 - 15 M BGL		
		Size and no of RWH tank(s) and Quantity		NA		
		Quantity and size of recharge pits		4 Nos of Size 2m x 2m x 2m		
		Details of UGT tanks if any		Domestic	306	
				Flushing	162	
				Fire	As per NOC	
27.	Sewage and Wastewater	Sewage generation in CMD	396			
		STP technology	MBBR			
		Capacity of STP (CMD)	400			
28.	Solid Waste Management during Construction Phase	Type	Quantity (kg/d)	Treatment / disposal		
		Dry waste	As per NBC	Through authorized agency		
		Wet waste	As per NBC	Through authorized agency		
		Construction waste	As per C & D rules	Through authorized agency		
29.	Solid Waste Management during Operation Phase	Type	Quantity (kg/d)	Treatment / disposal		
		Dry waste	705.4	Handed over to Authorized Agency		
		Wet waste	896.7	In-situ Composting		
		Hazardous waste	Negligible	Negligible		
		Biomedical waste	N.A.	N.A.		
		E-Waste	8.14	Handed over to Authorized		

Member Secretary **Chairman**

				Dismantler/Recycler
		STP Sludge (dry)	40.5	In-situ Composting

30.	Green Belt Development	Total Open Space (m2)	1582.7
		Existing Trees on plot	3 Nos
		Number of trees to be planted	228 Nos. Of trees required by rule
		No. Of trees to be cut	3 Nos.
		No. Of trees to be transplanted	NIL
31.	Power requirement	Source of power supply	MSEDCL
		During Construction Phase (Demand Load)	72.15 kW
		During Operation phase (Connected load)	4537.11 kW
		During Operation phase (Demand load)	2184.54 kW
		Transformer	630 kVA X 4 Nos
		DG set	500 kVA X 1 Nos
		Fuel used	HSD
	Details of Energy saving	Most of the common area & external lighting are proposed to work on high energy efficient lamps(LED) as specified in bureau of energy efficiency which again results in saving in general consumption Low loss Transformers due to which 6.22% losses are saved against conventional transformer. Power Capacitors are proposed for load power factor correction and to maintain a healthy power situation. This also results in less demand load factor for the project. Solar PV, Hot Water, Solar Street Lights, Energy Efficient Motors are proposed	

32	Environmental Management plan budget during Construction phase	No.	Details	Cost per annum (Rs. In Lacs)
		1	Water for Construction,Labour& Dust Suppression	4.0
		2	Site Sanitation & Health & Safety PPE Kits	3.0
		3	Environmental Monitoring	4.0

Member Secretary **Chairman**

		4	Disinfection& Health & Safety	3.0		
		5	Health Check up	3.0		
34.	Environmental Management plan Budget during Operation phase	Component	Details		Capital (Rs.In Lacs)	O&M (Rs.In Lacs/Y)
		Sewage treatment	Waste Water Management		40	24
		RWH	RWH Pits		4.5	0.12
		Solid Waste	Organic Waste Composting		9	4.5
		Green belt development	Tree Plantation		4	1
		Energy saving	Energy Conservation		136.45	16.15
		Environmental Monitoring	Pollution Control		0	6
		Disaster Management	Fire & LA		216	10
		PPE Kits Health & Safety	Biomedical Waste Management		0	1
35.	Traffic Management	Type	Required as per DCR	Actual Provided	Area per parking (m2)	
		4-Wheeler	267	267	5607.5	
		2-Wheeler	1135	1135		
36.	Details of Court cases / litigation w.r.t. the project and project location if any	NA				

Deliberations:

PP stated that, the application is a residential and commercial project located at Satara. PP further stated that, the project is a Fresh EC application in Satara Municipal Corporation limits. PP informed that, NOCs for Fire, Drainage, Water, Dry Waste & Garden are received for the project. PP further informed that, environmental services like UGT, STP, OWC, RWH pits, Solar PV & Hot Water are provided in the Project. PP stated that, the project comprises of Wing A, Wing B, Wing C and Wing D with building configuration L Gr + U Gr + 17 Floors and North Wing and East Wing with L Gr + U Gr + 3 Floors configuration.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil,

ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

During discussion following points emerged:

1. PP to explore shuffling of entry- exit.
2. It is noted that, the development will be in phase wise. PP to implement mitigation measures for dust & noise pollution.
3. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy,2021.
4. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

Decision: -

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

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7	**P-7**	SIA/MH/INFRA2/409391/2022	â€˜Residential and Commercialâ€™ Project by DYNASTY AGR CONSTRO LLP

PP remained absent. Hence, the proposal was deferred.

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8	**P-8**	SIA/MH/INFRA2/410623/2022	Dream World-Proposed Residential development on plot bearing E-36, at village Chikalthana, Aurangabad by MANJEET LANDMARK LLP

Representative of PP Mr. Nitin was present during the meeting along with environmental consultant M/s. Building Environment India Pvt. Ltd.

It is noted that, the PP has submitted the application for prior Environmental Clearance for proposed residential project with total plot area of 22367.00 m2, FSI area of 66504.00 m2, Non FSI area of 17767.00 m2 and total BUA of 84270.00 m2.

Member Secretary **Chairman**

Brief information of the proposal is as below:

1.	Proposal Number	SIA/MH/INFRA2/410623/2022			
2.	Name of Project	Dream World-Proposed Residential Development on Plot Bearing E-36, at Village Chikalthana, Aurangabad			
3.	Project category	8(a) - B2			
4.	Type of Institution	Private			
5.	Project Proponent	Name	Mr. Nitin Bagadia		
		Regd. Office address	E-36/1, Prozone to Kalagram Road, Midc, Chikalthana, Aurangabad		
		Contact number	9823133690		
		e-mail	abdpridegroup@yahoo.com		
6.	Consultant	Building Environment India Pvt. Ltd. Certificate No. NABET/EIA/2224/RA0267 Valid Till: 28.11.2024			
7.	Applied for	New			
8.	Details of previous EC	Not Applicable			
9.	Location of the project	Plot bearing E-36, at village Chikalthana, Aurangabad			
10.	Latitude and Longitude	Latitude- 19°52'54.63"N Longitude- 75°22'25.48"E			
11.	Total Plot Area (m2)	22367.00 sq.m			
12.	Deductions (m2)	1119.00 sq.m			
13.	Net Plot area (m2)	19123.00 sq.m			
14.	Proposed FSI area (m2)	66504.00 sq.m			
15.	Proposed non-FSI area (m2)	17767.00 sq.m			
16.	Proposed TBUA (m2)	84270.00 sq.m			
17.	TBUA (m2) approved by Planning Authority till date	22915.94 sq.m			
18.	Ground coverage (m2) & %	7556.56 sq.m (34%)			
19.	Total Project Cost (Rs.)	171 Cr			
20.	CER as per MoEF & CC circular dated 01/05/2018	CER Shall be implemented as a part of EMP			
21.	Details of Building Configuration :				Reason for Modification / Change
	Previous EC / Existing Building		Proposed Configuration		
	NA		Building A1 to A4: P+9 Building B1 to B6: P+9 Building C1 & C2: P+9 Building D1 & D2: P+9		NA
22.	Total number of tenements		450		
23.	Water Budget	Dry Season (CMD)		Wet Season (CMD)	
		Domestic	202.5	Domestic	202.5
		Flushing	101.25	Flushing	101.25
		Landscaping	12	Landscaping	0
		Total	315.75	Total	303.75

Member Secretary **Chairman**

		Waste water generation	281.48	Wastewater generation	281.48
24.	Water Storage Capacity for Firefighting / UGT (m3)			Firefighting water tank: 150 m^3	
25.	Source of water			Aurangabad Municipal corporation	
26.	Rainwater Harvesting (RWH)	Level of the Ground water table:		-	
		Size and no of RWH tank(s) and Quantity:		1 no. of RWH tank of 50 m^3	
		Quantity and size of recharge pits:		--	
		Details of UGT tanks if any:		Domestic water tank: 150 m^3 Drinking water tank: 30 m^3 Rain water tank: 50 m^3	
27.	Sewage and Wastewater	Sewage generation in CMD:		281.48	
		STP technology:		MBBR	
		Capacity of STP (CMD):		300	
28.	Solid Waste Management during Construction Phase	Type		Quantity (kg/d)	Treatment / disposal
		Dry waste:		41	Shall be handed over to SWACH
		Wet waste:		27	Shall be handed over to SWACH
		Construction waste		4213500	Reuse on site
29.	Solid Waste Management during Operation Phase	Type		Quantity (kg/d)	Treatment / disposal
		Dry waste:		450	Shall be handed over to SWACH
		Wet waste:		675	Shall be treated in OWC
		Hazardous waste:		NA	-
		Biomedical waste		NA	-
		E-Waste		6.2	Shall be handed over to SWACH
30.	Green Belt Development	Total RG area (m^2): 3047.16 sq.m			
		Already planted trees on site: 21 Nos.			
		Number of trees to be planted: 238 Nos.			
		Number of trees to be cut: 08			
		Number of trees to be compensatory: 72 Nos.			
31.	Power requirement:	Source of power supply:		MSEDCL	
		During Operation phase (Connected load):		1820.93 KW	
		During Operation phase (Demand load):		4015 KW	
		Transformer:		630 KVA X 3 Nos & 315 KVA X 1 No.	
		DG set:		3 X 300 KVA	
		Fuel used:		HSD	
32.	Details of Energy saving	Total savings: 18% By Solar: 5%			
33.	Environmental Management plan budget during Construction phase	**Parameter**			**O & M Cost (Rs. In Lakhs/year)**
		Water spray for dust suppression			1.6
		Site sanitation and Potable Water Supply to Labour			2.5
		Environmental Monitoring (As per the CPCB guidelines through MoEF			1.2

Member Secretary **Chairman**

		Approved laboratories)	
		Health check-up & first aid	1.6
		Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	3.2
		Traffic Management (Sign Boards, Persons at entry exit and Parking area)	1.2
		Safety nets	8.0
		Storm water Management (SWD along plot boundary and Sedimentation Pits)	2.0
		Passenger lift	0.9
		Tyre cleaning and Vehicle maintenance	1.2
		Safety Training to Workers (Twice in Year), Safety Officer	2.0
		Disinfection	0.8
		Debris & construction waste	9.0
		Total Cost	**35.2**

34.	Environmental Management plan Budget during operation phase	**Sr. No.**	**EMP Measures**	**Capital Cost (Rs. Lacs)**	**O&M Cost/Y (Rs. In Lacs)**
		1.	STP	35.50	15.00
		2.	Rain water harvesting	5.5	0.55
		3.	Solid Waste Management	17.75	4.80
		4.	Energy Saving using Solar System	56	2.8
		5.	Gardening & Landscaping	4.90	0.49
		6.	DMP	250.17	20.5
		7.	Low Flow Devices	50	10
		Grand Total		**419.82**	**54.14**

35.	Traffic Management	**Type**	**Required as per DCR**	**Actual Provided**
		4-Wheeler	445	452
		2-Wheeler	1348	1348

36.	Details of Court cases / litigations w.r.t. the project and project location if any.	No litigation pending against the project.

Deliberations:

PP stated that, the application is a residential project located at Village Chikalthana, Aurangabad. PP further stated that, the project is a Fresh EC application in Aurangabad

Municipal Corporation limits. PP informed that, the project comprises of Building A1 to A4, Building B1 to B6, Building C1 and C2 and Building D1 and D2 with building configuration P+9 floors.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

During discussion following points emerged:

1. PP to submit fire NoC, Tree NoC.and IOD
2. PP to provide solar water heater. Accordingly, PP to revise the energy saving calculation.
3. PP to submit the details of shadow free area.
4. PP to ensure that, drainage should be connected to municipal connection.
5. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy,2021.
6. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

Decision: -

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

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9	**P-9**	SIA/MH/INFRA2/410656/2022	Proposed Residential and Commercial Project â€œA A PRIVILEGEâ€• by J N REALTY AND HOMES

PP requested to withdraw the application. Committee noted & accepted the same, hence application is forwarded to SEIAA with the recommendation that PP may be allowed to withdraw the project.

*****

Member Secretary **Chairman**

10	**P-10**	SIA/MH/INFRA2/411727/2022	Residential project â€œPark Islandâ€• by M/s. COSMOPOLIS CONSTRUCTIONS

Representative of PP was present during the meeting along with environmental consultant M/s. VK: e Environmental LLP, Pune.

It is noted that, the PP has submitted the application for Environmental Clearance as per Office Memorandum dated 07.07.2021 under violation category for proposed residential project with total plot area of 15,900 m2, FSI area of 23,329.23 m2, Non FSI area of 10,974.32 m2 and total BUA of 34,303.55 m2.

Brief information of the proposal is as below:

1.	Proposal Number	SIA/MH/INFRA2/411727/2022	
2.	Name of Project	Residential project “Park Island” located at S.No.186/1+2, C.T.S No. 2228; Yerwada, Tal. Haveli, Pune by M/s. COSMOPOLIS CONSTRUCTIONS	
3.	Project category	8(a), B2 (Violation Category) Building & construction projects	
4.	Type of Institution	Private	
5.	Project Proponent	Name	Murlidhar Sadarangani
		Regd. Office address	Park Island, Shashtri Nagar, S.No.186/1+2, C.T.s No. 2228; Yerwada, Tal. Haveli, Pune
		Contact number	9870461077
		e-mail	alkamurli@hotmail.com
6.	Consultant	VK: e Environmental LLP, Pune	
7.	Applied for	Fresh Environmental Clearance (Violation Category)	
8.	Details of previous EC	• Construction started on site as per a sanction received from PMC on 17.04.2004 vide no. CC/0215/04 for A1-A6 wing • Construction completed on site till dtd. 25,260.64 sq.m	
9.	Location of the project	S.No.186/1+2, C.T.S No. 2228; Yerwada, Tal. Haveli, Pune	
10.	Latitude and Longitude	Latitude: 18°33'26.87"N Longitude: 73°53'56.33"E	

Member Secretary **Chairman**

11.	Total Plot Area (m2)	15,900 m^2
12.	Deductions (m2)	0 m^2
13.	Net Plot area (m2)	15,900 m^2
14.	Proposed FSI area (m2)	23,329.23 m^2
15.	Proposed Non-FSI area (m2)	10,974.32 m^2
16.	Proposed TBUA (m2)	34,303.55 m^2
17.	TBUA (m2) approved by Planning Authority till date	Approved BUA – 34,303.35 m^2 as per sanction plan vide no. CC/1519/21 dated 03.09.2021
18.	Ground coverage (m2) & %	4,060.51 m^2 (25.53% of Net plot area)
19.	Total Project Cost (Rs.)	Total Rs. 62 Crore (Existing 38 core + Proposed 24 Crore)

20. Details of Building Configuration:

<Please use following legends: Floor = F, Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh.>

~~Previous EC~~ / Existing Building			**Proposed Configuration**			Reason for Modification/ Change / Remark
Building Name	**Configuration**	**Height (m)**	**Building Name**	**Configuration**	**Height (m)**	
A1 -A6	P+7	23.33	A1 -A6	P+7	23.33	Completed and OC received
-	-	-	B1-B2	G+7	23.95	Not Yet Started
-	-	-	B3-B4	G+7	23.95	Parking slab completed
B5-B6	LG+UG+7	25.30	B5-B6	LG+UG+7	25.30	Completed and OC received
Club House	G+1	16.4	Club House	G+1	16.4	Completed

21.	Total number of tenements	Total 265 nos. Existing (A1-A6 & B5-B6) – 174 nos. Proposed (B1-B4) – 91 nos.

Member Secretary **Chairman**

<table>
<tr><td>22.</td><td colspan="2">Total number of Population</td><td colspan="3">Total 1325 nos.
Existing – 870 nos.
Proposed – 455 nos.</td></tr>
<tr><td rowspan="8">23.</td><td rowspan="8">Water Budget</td><td colspan="2">Dry Season (CMD)</td><td colspan="2">Wet Season (CMD)</td></tr>
<tr><td>Fresh Water</td><td>119</td><td>Fresh Water</td><td>119</td></tr>
<tr><td>Flushing</td><td>60.00</td><td>Flushing</td><td>60.00</td></tr>
<tr><td>Recycled for landscape</td><td>12.00</td><td>Recycled for landscape</td><td>0.00</td></tr>
<tr><td>Swimming Pool Make up water</td><td>16.00</td><td>Swimming Pool Make up water</td><td>16.00</td></tr>
<tr><td>Total</td><td>207</td><td>Total</td><td>195</td></tr>
<tr><td>Wastewater generation</td><td>160.00</td><td>Wastewater generation</td><td>160.00</td></tr>
<tr><td>Excess Treated water</td><td>88.00</td><td>Excess Treated water</td><td>100</td></tr>
<tr><td>24.</td><td>Water Storage Capacity for Firefighting / UGT</td><td colspan="3">Fire UG tank –
Existing Tower (A1-A6 and B5-B6) - 140 m^3
Fire OH tank
Existing Tower (A1-A6 and B5-B6) - 25 m^3
Proposed Tower (B1-B4) – 25 m^3</td></tr>
<tr><td>25.</td><td>Source of water</td><td colspan="3">Pune Municipal Corporation</td></tr>
<tr><td rowspan="3">26.</td><td rowspan="3">Rainwater Harvesting (RWH)</td><td>Level of the Ground water table:</td><td colspan="2">Post monsoon 3–4-meter BGL
Pre monsoon 8–9-meter BGL</td></tr>
<tr><td>Size and no of RWH tank(s) and Quantity:</td><td colspan="2">NA</td></tr>
<tr><td>Quantity and size of recharge pits:</td><td colspan="2">4 nos.
(2 surface and 2 terrace)
2*2*2 meter with filter layers 0.160 diameter and 60 meter deep bore well and 1*1*1 meter collection chamber
1 RWK Tank</td></tr>
</table>

Member Secretary **Chairman**

		Details of UGT tanks if any:	**Existing Tower (A1-A6 and B5-B6)** Domestic UG tank – 118 m^3 Flushing UG tank – 40 m^3 Fire UG tank - 140 m^3 **Proposed Tower (B1-B4) –** Domestic UG tank – 62 m^3 Flushing UG tank – 21 m^3	
27.	Sewage and Wastewater	Sewage generation in KLD	160 m^3/day	
		STP technology:	MBBR	
		Capacity of STP KLD:	Existing STP of capacity 1 x 165 m^3/day will be demolished and new STP of 165 m^3/day will be installed.	
28.	Solid Waste Management during Construction Phase	**Type**	**Quantity (kg/d)**	**Treatment / disposal**
		Dry waste:	4 kg/day	The maximum construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads.
		Wet waste:	6 kg/day	
		Construction waste	-	
29.	Solid Waste Management during Operation Phase	**Type**	**Quantity (kg/d)**	**Treatment / disposal**
		Dry waste:	265	Handed over to authorize recycler for further handling & disposal purpose.
		Wet waste:	398	Wet waste will be treated in onsite organic waste converter machine. OWC of 400 kg/day capacity has been installed
		Hazardous waste:	NA	NA
		Biomedical waste	NA	NA
		E-Waste	4	Handed over to authorized recyclers for further handling & disposal purpose.
		STP Sludge (dry)	25	Treated in OWC and converted into manure

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30.	Green Belt Development	Total RG area (m2):	1590 m^2	
		Existing trees on plot:	80 nos.	
		Number of trees to be planted:	207 Nos. (Existing on site – 80 nos. + Proposed on site - 127 nos.)	
		Number of trees to be cut:	0 nos.	
		Number of trees to be transplanted:	0 nos.	
31.	Power requirement:	Source of power supply:	MSEDCL	
		During Construction Phase (Demand Load):	72.8 kW	
		During Operation phase (Connected load):	2,484.58 kW Existing Bldg. 1,668.82 kW Proposed Bldg. 815.77 kW	
		During Operation phase (Demand load):	1,110.69 kW Existing Bldg. 735.37 kW Proposed Bldg. 375.33 kW	
		Transformer:	Existing 2 x 630 kVA	
		DG set:	Existing - 1 x 82.5 kVA Proposed - 1 x 250 kVA	
		Fuel used:	HSD	
		Details of high-tension line passing through the plot if any	No.	
32.	Details of Energy saving	Solar Water Heating System + Solar PV Panel + LED Light fittings – 8.47%		
33.	Environmental Management plan budget during Construction phase	**Type**	**Details**	**Cost (Rs. In Lacs)**
		Air Environment	Erosion control – dust suppression measures, barricading, and topsoil preservation	1.87
		Land	Labor Camp toilets &	4.50

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			sanitation	
		Health and Safety	Labor Safety Equipment's and training	3.25
		Health facility	Disinfection and Health Check-ups	6.30
		Environment Management	Environment management cell	9.18
		Environment Management	Environmental Monitoring	7.36

		Component	**Details**	**Capital (Lakh)**	**O&M (Lakh /Y)**
34.	Environmental Management plan Budget during Operation phase	Sewage treatment	STP with MBBR Technology	50.00	12.32
		RWH	Recharge pits with bore well	3.00	0.40
		Solid Waste	OWC	14.50	3.36
		Green belt development	Development and Maintenance	8.72	0.52
		Energy saving	Solar water heating system, solar streetlights	15.04	0.95
		Environmental Monitoring	Environment Monitoring Plan	-	1.82
		Disaster Management Plan	Lightening Arrester	16.00	-

		Type	**Required as per DCR**	**Actual Provided**	**Total parking Area(m2)**
35.	Traffic Management	4-Wheeler	232	232	2,000 m^2
		2-Wheeler	539	539	
36.	Details of Court cases / litigations w.r.t. the project and project location if any.	No court case against project as informed by Project Proponent			

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Deliberations:

PP stated that, the application is a residential project located at Yerwada, Pune. PP further stated that, the project is a Fresh EC application under Violation category in Pune Municipal Corporation limits. PP informed that, construction started on site as per a sanction received from PMC on 17.04.2004 vide no. CC/0215/04 for A1-A6 wing and Out of construction area 34,303.55 sq.m, the total constructed area on site is 25,260.64 sq.m.

PP further informed that, the project comprises of Building A1-A6 with building configuration P+7 floors, Building B1-B2 and Building B3-B4 with configuration G+7 floors, Building B5-B6 with LG+UG+7 floors and Club House with G+1 configuration.

SEAC-3 appraises the proposal as per Circular issued by SEIAA vide dated 22.08.2022. The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B1.

After detailed deliberations on the proposal committee confirmed the case to be of violation of the EIA Notification, 2006 and as per Office Memorandum- F. No. 22-21/2020-IA.III dated 07.07.2021 issued by the Ministry of Environment, Forest & Climate Change, decided to issuing following Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP).

Terms of Reference for EIA and preparation of Environment Management Plan (EMP) for Violation Cases

The following Terms of Reference (TOR) for violation cases shall be read along with Ministry of Environment Forest and Climate Change orders no F.No.22-21/2020-IA.III Dated 7th July 2021 and F No. 22-21/2020-IA.III (E 138949) dated 28th January 2022 and Approach for Assessment for Environment Damage and Estimation of Remediation Costs for Building Construction Projects Initiated Without Mandatory Environment Clearance" 2018

The following TOR are drafted with reference to Ministry of Environment Forest and Climate Change impact assessment division TORs for Violation Case a) For Construction Sector vide Notification S.O.804 (E) dated 14th March 2017 in the matter of IA/HR/NCP/63612/2017 and b) For Mining Sector dated 12th November 2018 in the proposal No IA/MH/MIN/68113/2017.

A) Project Description

1. Project description, its importance and benefits.

2. Project site details (location, topo-sheet of the study area of 10 Km, Coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage). hydro geological survey report with graphs & data.

3. Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Planning / Development Authorities, Local Body, Water supply & Sewerage Board, etc.

4. Land acquisition status, R & R details.

5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km. Any sensitive areas in impact zone such as archaeological structures, reserved forest, noise sensitive zones etc. Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.

6. High Tension lines or Hazard lines if any on the plot.

7. Plan showing HFL/CRZ lines.

8. Permissions granted by State Government in tabular and chronological form. Comparative statement of components approved and components constructed including tis configuration as per earlier EC (if applicable) and proposed development.

9. PP to submit the detailed master plan indicating already completed construction and proposed construction. PP to submit the certificate from registered architect for completed work, built up area and configuration.

10. Project cost shall be based on government notified stamp duty ready reckoner at time of application including cost of land and construction including civil, MEP works, environment services, site/land development, horticulture/landscape works etc complete

B) Base Line Data

11. Baseline environmental study for ambient air (PM_{10}, $PM_{2.5}$, SO_2, NO_x & CO),water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF&CC/CPCB guidelines at minimum 5 locations in the study area of 10 km, The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory duly notified under the Environment (Protection) Act,1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

12. Detail on flora and fauna and socio-economic aspects in the study area. Details of tree cutting, tree transplantation and survival report of existing trees including conformity to prevailing Tree Act.

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13. Likely impact of the project on the environmental parameters (ambient air surface and ground water, land, flora and fauna and socio-economic, etc.)

14. Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.

15. Socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.

16. PP to submit contour map with slopes, drainage pattern of the site and surrounding area. Layout showing natural water courses on site; total runoff calculation before and after development.

17. PP to submit details of existing trees, proposed to be cut, proposed to be transplanted along with tree survival report conforming to prevailing Tree Act.

18. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated.

19. Proximity to Areas declared as 'Critically Polluted' should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB should be secured and furnished to the effect that the proposed Activities could be considered.

20. Similarly, for Coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL. HTL, CRZ area, location of the mine lease w.r.t. CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Projects falling under CRZ would also need to obtain Approval of the concerned Coastal Zone Management Authority).

21. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.

22. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

23. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.

24. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.

25. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers

present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

26. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be examined.

27. Information on site elevation, working depth, groundwater table etc. should be provided both in AMSL and BGL. A schematic diagram may also be provided for the same.

C) Traffic Impact Study in detail including:

28. Traffic Management Plan for the development – Internal circulation indicating road width and turning radius. Cross section of roads at four places showing clear road width, distance left from building line, spaces left for plantation, footpath, service lines etc.

29. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken.

30. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.

31. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project.

32. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

33. Parking statement mentioning parking as per DCR & parking provided actually.

34. Basement ventilation plan: Fire Tender Movement Plan showing clear road and turning radius. Cross section of roads at four places including UGT, OWC and DG set location showing clear road width and distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.

D) Environmental Impact and Management Plan:

35. Identify sources of air pollution, indicate mitigation measures to reduce Air pollution/Noise pollution.

36. Debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot

owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.

37. Management of solid waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules 2016 and the Construction & Demolition Rules, 2016. Transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E– waste, and debris/excess earth etc. PP to provide the detailed solid waste management plan along with marked locations on the master plan. Design details of waste processing equipment such as OWC/biogas plants confirming to the technical requirements to meet the quality products.

38. Waste water management (treatment, reuse and disposal) for the project and also the study area. Design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions

39. PP to show internal storm water drain and sewer line arrangements up to final disposal point.

40. Provision of mandatory RG area on virgin land and submit the drawing with calculations, ensuring entire mandatory RG is provided on the plot where residential buildings are proposed.

41. A detailed phase wise development plan with safety planning where occupancy has been given.

42. If any site specific structures such as creation of water body, alteration of natural storm water, large alteration of slopes, creation of green areas abutting to water bodies / natural storm water drain / river etc, is involved, detailed environmental protection approach for the same shall be provided.

43. Separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; Energy efficient measures (LED lights, solar power, etc.) during construction as well as during operational phase of the project. Report on ECBC compliance.

44. Provide details of Solar PV and Solar water heater in the specific format. PP to carryout shadow analysis for identifying the roof-top area for providing solar panels Minimum 5% of the total connected load shall be provided with Solar PV.

45. Environmental status report including analysis reports of all environmental pollution reduction facilities if any commissioned.

46. PP to submit Disaster management plan.

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47. Preparation of site specific, executable and auditable environment management plan (EMP)

48. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

49. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc

E) Environmental Modelling and additional Studies:

50. Fugitive dust modelling by using local meteorological data.

51. Ecological footprint calculation using LCA approach.

52. Estimation of Carbon footprint of the project and its analysis to be included.

53. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection of data and sample analysis shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986 or Environmental Laboratory accredited by NABL, or a laboratory of council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

54. Gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.

55. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

56. Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

57. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.

58. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.

59. PP to refer "approach paper for assessment for environmental damage and estimation of remediation costs for building construction projects initiated with obtaining mandatory environmental clearance" available on the portal : "ecmpcb.in".

F) NOCs, Undertakings, CER and Litigations:

60. NOC's required: a) CFO, b)Water supply with quantity, c) Drainage, d) Non-biodegradable waste disposal, e) Aviation f) HRC, G) PESO , H) Defence/NAD etc

61. Undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.

62. Include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in PP's MoU with society /maintenance agencies /vendors

63. PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dt. 01.05.2018, along with details of fund utilization & agreement or consent of executor.

64. PP to submit Roles and Responsibilities of developer etc for compliance of environmental regulations under the provisions of EP act.

65. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

G) Specific Term of Reference

66. The State Government/SPCB shall take action against the project proponent under the provisions of section 15 read in conjunction with Section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.

67. As per extant regulations at the time of scoping, if it is viewed that the project activity is otherwise permissible, Terms of Reference (TOR) shall be issued with directions to complete impact assessment studies and submit Environment Impact Assessment (EIA) report and Environment Management Plan (EMP) in a time bound manner.

68. Such cases shall be subject to appropriate

(a) Damage Assessment

(b) Remedial Plan and

(c) Community Augmentation Plan.

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69. Assessment of ecological damage with respect to air, water, land and other environmental attributes shall be done before arriving at quantum environment remediation and natural and community resource augmentation.

70. The methodology of calculating this quantum shall be as specified in format for Assessment of Environmental damages in the paper titled "Approach for Assessment for Environment Damage and Estimation of Remediation Costs for Building Construction Projects Initiated Without Mandatory Environment Clearance" 2018

71. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived, which shall be based on cost of project derived from prevailing rates of construction and land of government approved ready reckoner, due to violation. The cost of the Project (capital cost and recurring cost) as prevailing in Annual Statement of Rates / District Schedule of Rates/ Government Ready Reckoner Rates as well as the cost towards implementation of EMP should be clearly spelt out.

72. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP in a period of one year, followed by recommendations of the EAC and approval of the regulatory authority.

73. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

74. The remediation plan and the natural and community resource augmentation plan shall be prepared as an independent chapter in the EIA report by the accredited consultants.

75. It should be clearly stated whether the proponent if it is a Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the proposed safeguard measures in each case should also be provided.

76. Besides the above, the below mentioned general points are also to be followed:

a) All documents to be properly referenced with index and continuous page numbering.

b) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.

c) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.

d) Where the documents provided are in a language other than English, an English translation should be provided.

77. **In case of continued violation after issue of TOR, the ToR/Environmental Clearance shall be terminated forthwith**.

Project Specific emerged points

1. PP to submit the DP Plan.
2. PP to submit the detail Architect Certificate stating current status of the construction along with building wise construction done (FSI, NoN- FSI & Total built up area) on site along with the chronology.
3. PP to submit the all-approvals details (CC, OC etc) regarding project under consideration.
4. PP to submit the details of Court cases / litigations w.r.t. the project and project location, if any.
5. PP to submit details of implementation of points mentioned in point number 68 along with financial requirements for same with EIA
6. PP to submit the plantation details
7. PP to explore to shift the OWC for better plantation space.
8. PP to submit the reports for the installed & working environmental structures like OWC, STP etc.

Decision: -

After deliberation, Committee decided to recommend the proposal to SEIAA for grant of ToR.

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Member Secretary **Chairman**