

60 th SEAC-3 Meeting - Day 1

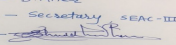
SEAC Meeting number: 60 th SEAC-3 Meeting Meeting Date September 11, 2017

Subject: Environment Clearance for Environmental Clearance for Proposed Residential & Commercial Development.

1.Name of Project	Proposed Residential & Commercial Development
2.Type of institution	TOR
3.Name of Project Proponent	Mr. Subahu Kirit Shah
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory) NABET certificate no: NABET/EIA/1417/SA0011
5.Type of project	Residential & Commercial Development.
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion with diversification in existing project.
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 43 (P) & 44,46/1/2+46/1/3,1 NIBM Annex, Mohammadwadi, Pune - 411060
9.Taluka	Haveli
10.Village	Mohammadwadi
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	Pune Municipal Corporation's DCR
	IOD/IOA/Concession/Plan Approval Number: Layout sanctioned by Pune Municipal Corporation
	Approved Built-up Area: 191482.45
13.Note on the initiated work (If applicable)	We have initiated work as per sanction received
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	46642.96 m ²
16.Deductions	3386.17 m ²
17.Net Plot area	43256.79 m ²
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 75630.24 m ²
	b) Non FSI area (sq. m.): 115852.21 m ²
	c) Total BUA area (sq. m.): 191482.45
19.Total ground coverage (m ²)	7311.71
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.90
21.Estimated cost of the project	5000000000

22.Number of buildings & its configuration

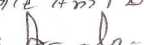
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	P/L.G+ stilt/U.G+2P+17 floors	68.60
2	B	P/L.G+ stilt/U.G+2P+17 floors	68.60
3	C	P/L.G+ stilt/U.G+2P+17 floors	68.60
4	D	P/L.G+ stilt/U.G+2P+17 floors	68.60
5	E	P/L.G+ stilt/U.G+2P+17 floors	68.60
6	F	Gr /Parking +3 floors	14.90
7	Commercial	L.P+U.P+ P/L.G+ stilt/U.G+1	9.35
8	Club House	G+1	6.00

Name - S.D.Aher
Designation - Secretary SEAC-III
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S.D.Aher (Secretary SEAC-III)

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Name: K. Anil Kale
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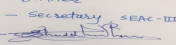
23.Number of tenants and shops	Tenements:380 Commercial Units:75
24.Number of expected residents / users	Residential: 3855 Commercial:1696 Nos.
25.Tenant density per hectare	82 Tenements / hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nearest Fire Station: Pune Cantonment: 3.12 Km from the site. Width of the road from the nearest fire station to the proposed building 24 m wide road abutting to the site.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the building is minimum 9 m.
29.Existing structure (s) if any	We have carried out the construction as per sanction received. Total constructed area is 111521 m ²
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

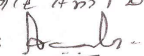
Dry season:	Source of water	PMC
	Fresh water (CMD):	201
	Recycled water - Flushing (CMD):	145
	Recycled water - Gardening (CMD):	148
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	499
	Fire fighting - Underground water tank(CMD):	300 (Residential and Commercial)
	Fire fighting - Overhead water tank(CMD):	Building A=20 CM Building B=20 CM Building C=20 CM Building D=20 CM Building E=20 CM
	Excess treated water	3

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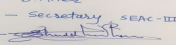
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Wet season:	Source of water	PMC
	Fresh water (CMD):	201
	Recycled water - Flushing (CMD):	145
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	3
	Total Water Requirement (CMD) :	349
	Fire fighting - Underground water tank(CMD):	300 (Residential and Commercial)
	Fire fighting - Overhead water tank(CMD):	Building A=20 CM Building B=20 CM Building C=20 CM Building D=20 CM Building E=20 CM
Excess treated water	151	

Details of Swimming pool (If any)	<ul style="list-style-type: none"> • Dimension of Swimming Pool: • Main Pool Area:256 m² • Decorative Pool Area:405 m² • Total water Requirement in KLD:430 • Main Pool :309 • Decorative Pool :81 • Water requirement for make up in KLD:5 • Details of Plant & Machinery used for treatment of Swimming pool water: • Bobind wound Filter made from high quality FRP, Side mounted type, with Battery Valve, Rapid flow. Filtration Capacity 77m³/hr, Vessel Diameter - 1200 mm, with Pressure Gauge, Multiport Valve and Media (Quartz Sand)-1 unit each. • Mono block Self priming Pool-Pump 3 HP /Three phase - (1+1) • Pool Accessories & Fittings : Pool inlets,Drain,Nozzles,Lights,etc-1 unit each
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33.Details of Total water consumed

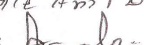
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	351	351	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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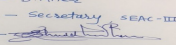
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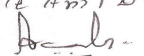
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 12 m Post monsoon , & 35 m Pre monsoon
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	8 Nos.
	Size of recharge pits :	Min. 1.2 m dia and 2 m below Storm water inlet with bore well of 60 m
	Budgetary allocation (Capital cost) :	Rs. 10-12 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2-3 Lakhs/annum
	Details of UGT tanks if any :	--
35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged to the nearest storm water line.
	Quantity of storm water:	13.92 m ³ /minute
	Size of SWD:	600mm diameter having slope 1:150
Sewage and Waste water	Sewage generation in KLD:	311
	STP technology:	MBBR
	Capacity of STP (CMD):	320
	Location & area of the STP:	As per the services Layout
	Budgetary allocation (Capital cost):	Rs. 86.10 Lakhs
	Budgetary allocation (O & M cost):	Rs. 11.95 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	50 Kg
	Disposal of the construction waste debris:	This material shall be used for back filling and leveling of the plot and remaining will be disposed to authorized sites.
Waste generation in the operation Phase:	Dry waste:	406 kg/day
	Wet waste:	946 kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	64 Kg /day
	Others if any:	E-waste: Negligible

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Mode of Disposal of waste:	Dry waste:	Will be disposed off from site through external agency on daily basis.
	Wet waste:	Will be treated in OWC
	Hazardous waste:	Will be handed over to authorised agency.
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Will be used as manure for landscaping after treating through OWC.
	Others if any:	Will be handled by authorized E-waste management agency.
Area requirement:	Location(s):	As per the services layout.
	Area for the storage of waste & other material:	52.10 m ²
	Area for machinery:	35.88 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 23.83 Lakhs
	O & M cost:	Rs 6.5 Lakhs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent oil	5.1	Lit/Hr	Not applicable	7.65	7.65	Will be handed over to authorized vendor

39. Stacks emission Details

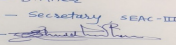
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set	Diesel	4	30	0.2	438 degree Celsius

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	Not applicable	4 x 1010 kVA	4 x 1010 kVA

41. Source of Fuel: Bharat Petroleum, Hindustan Petroleum

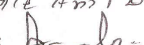
42. Mode of Transportation of fuel to site: By tankers

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43.Green Belt Development	Total RG area :	4254 m2
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	116
	List of proposed native trees :	As mentioned in the list below
	Timeline for completion of plantation :	Till the completion of the project.

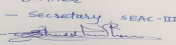
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Tabebuia pentaphylla	Pink trumpet tree	7	Native
2	Anogeissus acuminata	Kardahi	42	Native
3	Lagerstroemia speciosa	Taman	01	Native
4	Mimusops elengi	Bakul	01	Native
5	Phoenix palm	Date palm	10	Native
6	Saraca indica	Sita ashoka	03	Native/Drought tolerant
7	Azadiracta indica	Neem	26	Native/Drought tolerant
8	Cassia fistula	Bahawa	04	Native/Drought tolerant
9	Bahunia variegata	--	04	Native/Drought tolerant
10	Erythrina stricta	Pangara	04	Native/Drought tolerant
11	Carissa congesta	Karvand	04	Native/Drought tolerant
12	Butea monosperma	Palas	04	Native/Drought tolerant
13	Syzgium cumini	Jamun	02	Native/Drought tolerant
14	Bhokar	Cordia myxa	02	Native/Drought tolerant
15	Ficus microcarpa	Chilkhan	02	Native/Drought tolerant

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

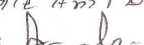
Serial Number	Name	C/C Distance	Area m2
1	Furcraea/Aloevera/Yucca/Pandanus	0.3-0.4m	112 sqm
2	Allamanda dwarf/Reinwardtia indica/ Jacobinea carnea/Turnera ulmifolia	0.45-0.6m	12 sqm
3	Clerodendrum inerme/Murayya paniculata/Barleria cristata candida/ Calliandra brevipes	0.6-0.75m	375 sqm
4	Malphigia glabra/Bamboo grass/ Acalypha var./Gardenia dwarf/ Tabernaemontana coronaria	0.3-0.4m	420 sqm
5	Dracaena sp./Costus sp	0.4-0.45	30 sqm
6	Dracaena marginata tricolour/bicolour	0.4-0.45	117 sqm
7	Crinum red/Zamia zamioculcas	0.6	30 sqm
8	Eranthemum nigrum/bicolour/ Agave americana/ Vetiveria zizanioides	0.45-0.6	295 sqm

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9	Clerodendrum inerm/Bougainvillea var.	0.9-1.2m	315 sqm
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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	161.25 kW
	DG set as Power back-up during construction phase	1 x 125 & 1 x 63 kVA
	During Operation phase (Connected load):	7750.66 kW
	During Operation phase (Demand load):	3704.80 kW
	Transformer:	4x1250 KVA
	DG set as Power back-up during operation phase:	4 x 1010 KVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	Not applicable	

48. Energy saving by non-conventional method:

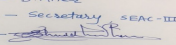
- Conventional CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Common Area.
- Energy Saving using Automatic Timer operation Against Manual operation for external & common Lighting
- Energy Efficient CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Flat
- Energy Saving using Solar PV System with respect to common load
- Energy saving in Conventional Transformer Vs Low Loss Transformer

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Conventional CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Common Area.	31.56%
2	Energy Saving using Automatic Timer operation Against Manual operation for external & common Lighting	30.41%
3	Energy Efficient CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Flat	47.50%
4	Energy Saving using Solar PV System with respect to common load	21.05%
5	Energy saving in Conventional Transformer Vs Low Loss Transformer	08.62%

50. Details of pollution control Systems

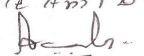

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	320 KL
OWC	Not applicable	1060 kg/day
DG sets	Not applicable	4 x 1010 KVA

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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 36 lakhs
	O & M cost:	Rs 0.6 lakhs/annum

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

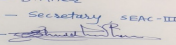
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	5.44
2	Air Environment	Water For Dust Suppression, Air & Noise monitoring	10.84
3	Water Environment	Tanker water for construction, Water monitoring	1
4	Land Environment	Site Sanitation Gardening	4
5	Socio- Economic Environment	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Personal protective equipment	13.12

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	Not applicable	25.08
2	Water	RWH	11	2.5
3	Water	STP	86.10	11.95
4	Energy	Solar Panels/Solar PV Cells	360	0.6
5	Land Environment	Gardening	860	84
6	Solid waste	Solid waste management	23.83	6.5
7	Swimming Pool	--	7	3

51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

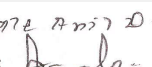

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation

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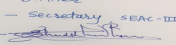
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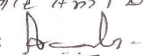
Diesel	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Local Vendors	By road
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	Two Openings					
Parking details:	Number and area of basement:	Not applicable					
	Number and area of podia:	One Podium at 101 Level 12038.35 sqm					
	Total Parking area:	68485.13 Sqm.					
	Area per car:	Residential Area :30 Sqm Commercial Area: 30 Sqm					
	Area per car:	Residential Area :30 Sqm Commercial Area: 30 Sqm					
	Number of 2-Wheelers as approved by competent authority:	Residential Scooters No 1593 Commercial Scooters no 676 Residential Cycle no 861 Commercial Cycle no 226					
	Number of 4-Wheelers as approved by competent authority:	Residential Car No 1184 Commercial car no 226					
	Public Transport:	Nearest Bus Stand					
	Width of all Internal roads (m):	No internal roads Width of driveway 7.50 m					
	CRZ/ RRZ clearance obtain, if any:	Not applicable					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None in 10 Km.					
	Category as per schedule of EIA Notification sheet	8 b (B1)					
	Court cases pending if any	No					

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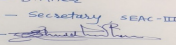
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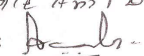
	<p>Other Relevant Informations</p>	<p>1) We have received Environment Clearance For Plot A and B vide SEAC-III's letter bearing no.21-603/2006-IA.III.</p> <p>2) The break up of the FSI and Non-FSI area of Plot A of our project, as per the E.C. dated 05/07/2007, is as follows: FSI: 36,946 square metres. Non-FSI: 31,408 square metres. Total: 68,354 square metres.</p> <p>3) The break-up of the FSI and Non-FSI area of Plot B of our project, as per the E.C. dated 05/07/2007, is as follows: FSI: 51,170 square metres. Non-FSI: 73,744 square metres. Total: 1,24,914 square metres.</p> <p>Hence, the grand total of the FSI and Non-FSI area of Plots A and B, as per the E.C. dated 05/07/2007, is 1,93,268 square meters.</p> <p>4) The break-up of the FSI and Non-FSI area of Plot A of our project, constructed on site, as on date, is as follows: FSI: 39,566 square metres. Non-FSI: 42,097 square metres. Total: 81,663 square metres.</p> <p>5) The break-up of the FSI and Non-FSI area of Plot B of our project, constructed on site, as on date, is as follows: FSI: 42,010 square meters. Non-FSI: 69,511 square metres. Total: 1,11,522 square metres.</p> <p>Hence, the grand total of the FSI and Non-FSI area of Plots A and B, constructed on site, as on date, is 1,93,185 square meters (that is 83 square meters less than the quantum specified in the E.C.</p>
	<p>Have you previously submitted Application online on MOEF Website.</p>	<p>Yes</p>
	<p>Date of online submission</p>	<p>25-02-2016</p>
<p align="center">Brief information of the project by SEAC</p>		

Name - S.D.Aher
 Designation - Secretary SEAC-III
 Sign - 

S.D.Aher (Secretary SEAC-III)

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Name: K. Anil Kale
 Signature: 

Shri. Anil Kale (Chairman SEAC-III)

M/s.Acropolis Purple Developers.

Environment clearance for proposed Residential & Commercial Development at S.No.43(P) &44,46/1/2+46/1/3,1 NIBM Annex, Mohammadwadi, Pune.(Compliance Case)

PP submitted their application for prior Environmental clearance for total plot area of 46,642.96 Sq. Mtrs, BUA of 1,91,482.45 Sq. Mtrs and FSI area of 75,630.24 Sq. Mtrs. PP proposes to construct 6 nos. of residential buildings, 1 No. of commercial building, having maximum height of 68.60 Mtrs, & club house.

PP has obtained earlier EC no. 21-603/2006-1A,III dated 05/07/2007 for S.No.43 &44 having Plot A & Plot B with total plot area of 70,795 Sq. Mtrs, BUA of 1,93,268Sq. Mtrs comprising of 8 nos. of commercial buildings and 3 nos. of residential buildings on Plot A and 4 residential buildings and 10 commercial buildings on Plot B. Now, PP has applied for separate environment clearance for Plot B.

The case was earlier considered in 44th meeting of the SEAC - III (NoN-MMR) held on 28th to 31st March, 2016;49th meeting of the SEAC - III (NoN-MMR) held on 22nd to 24th June, 2016 when PP remained absent.The case was again considered in 54th meeting of the SEAC - III (NoN-MMR) held on 19th to 23rd September, 2016,when the case is deferred till submission of case history and revised CS including all details of Project.

During deliberation ,Committee noted that the EC for plot B should be considered separately where construction of four residential buildings have been commenced and one tenement of the commercial building have been completed. Also, RCC construction of a club house has been commenced.

During deliberation, PP produced clarification dated 17/06/2017 received from SEIAA stating that completed construction on plot A is 81574.44 Sq.Mtrs and plot B is 111,609.56 Sq.Mtrs thus totalling construction of 193184.00 which is below the allowed limit of 193268.00 Sq.Mtrs as per the EC dated 5/7/2007 thereby stating that there is no case of violation as such.

The Committee also noted that PP neither amended nor revalidated the earlier EC even though the PP had changed the orientations .As mentioned in condition no.6 of Environment Clearance dated 05/07/2007 "In the case of any change(s) in the scope of the project ,the project would require a fresh appraisal from MOEF&CC. In view of this the Committee decided to refer the matter to SEIAA / Enviornment Department regarding whether the above mentioned development is a violation.

Hence, SEAC-3 decided to refer the proposal to Environment Department/ SEIAA and seek guidance whether there is any violation of Enviornment Protection Act,1986. The proposal will be appraised only after due examination and if necessary appropriate action taken by the SEIAA /Environment Department.

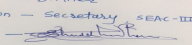
DECISION OF SEAC

SEAC-3 decided to refer the proposal to Environment Department/ SEIAA and seek guidance whether there is any violation of Enviornment Protection Act,1986. The proposal will be appraised only after due examination and if necessary appropriate action taken by the SEIAA /Environment Department.

Specific Conditions by SEAC:

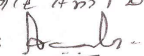
FINAL RECOMMENDATION

Kindly find SEAC decision above.

Name - S.D.Aher
Designation - Secretary SEAC-III
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S.D.Aher (Secretary SEAC-III)

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60 th SEAC-3 Meeting - Day 1

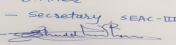
SEAC Meeting number: 60 th SEAC-3 Meeting Meeting Date September 11, 2017

Subject: Environment Clearance for Expansion / Amendment Construction Project

1.Name of Project	"River Residency" by M/s River Residency Developers
2.Type of institution	TOR
3.Name of Project Proponent	Mr. Ishwar C. Parmar
4.Name of Consultant	Ultra-Tech (Environment Consultancy & Laboratory)
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	EC obtained vide letter No. SEAC-2011/CR.620/TC.2 dated 07th October 2011
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC obtained vide letter No. SEAC-2011/CR.620/TC.2 dated 07th October 2011
8.Location of the project	Gat No. 90,
9.Taluka	Haveli
10.Village	Chikhali
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Will be applied
	IOD/IOA/Concession/Plan Approval Number: Will be applied
	Approved Built-up Area: 133687.47
13.Note on the initiated work (If applicable)	EC obtained vide letter No. SEAC-2011/CR.620/TC.2 dated 07th October 2011 for Construction area 2,39,049.92m ² ; Out of above 1,99,001.66m ² is already completed.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	231000.00
16.Deductions	151494.40
17.Net Plot area	79505.61
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 133687.48
	b) Non FSI area (sq. m.): 109160.22
	c) Total BUA area (sq. m.): 242847.70
19.Total ground coverage (m2)	14698.42
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.48
21.Estimated cost of the project	3050000000.00

22.Number of buildings & its configuration

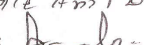
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A-Type	P+12	38.85
2	B-Type	P+12	38.85
3	C-Type	P+12	38.85
4	D-Type	P+12	38.85
5	E-Type	P+12	38.85
6	F-Type	P+12	38.85
7	G-Type	P+12	39.85
8	H-Type	P+12	39.85
9	I-Type	P+12	39.85
10	J-Type	P+12	39.85

Name - S.D.Aher
Designation - Secretary SEAC-III
Sign - 

S.D.Aher (Secretary SEAC-III)

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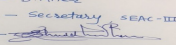
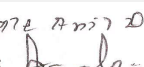

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

11	K-Type	P+12	39.85
12	L-Type	P+12	39.85
13	M-Type	P+12	38.85
14	A16a-Type + Commercial	P+12	36.60
15	A16b-Type + Commercial	P+12	36.60
16	A16c-Type + Commercial	P+12	36.60
17	A17-Type + Commercial	P+12	36.60
18	N1-Type	P+12	38.85
19	N2-Type	P+12	38.85
20	P-Type	P+12	38.85
21	Q-Type	P+12	38.85
22	R-Type	P+12	38.85
23	S-Type	P+12	38.85
24	N3-Type	P+12	38.85
25	N4-Type	P+12	38.85
26	T-Type	P+12	38.85
27	U-Type	P+12	38.85
28	V-Type	P+12	38.85
29	Club House - 1	Gr+1	10.50
30	Club House - 2 & 3	Gr	7.50

23.Number of tenants and shops	2378 - Tenements; 39 - Shops
24.Number of expected residents / users	There will be influx of 12020 people (11890 residential, 130 commercial) in proposed project.
25.Tenant density per hectare	250 Tenement / hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	PCMC Fire Station - 10km away from proposed site. Width of the existing road from the nearest fire station to the proposed building is 18m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the building is 9m
29.Existing structure (s) if any	Existing: Building A, B, C, D, E, F, G, H, I, J, K, L, M, N1, N2, P, Q, R, A16A, A16B, A16C, A16-ABC (conv shop), A17, A17(conv shop), Club House 1, Club House 2, Multipurpose hall, Covered parking and raised open space Under Construction: Building S
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 60 th SEAC-3 Meeting Meeting Date: September 11, 2017</p>	<p>Name:  Signature: </p> <p>Shri. Anil Kale (Chairman SEAC-III)</p>
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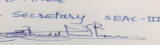
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	From PCMC, Water Tankers							
	Fresh water (CMD):	1,099							
	Recycled water - Flushing (CMD):	539							
	Recycled water - Gardening (CMD):	55							
	Swimming pool make up (Cum):	248							
	Total Water Requirement (CMD) :	1,700							
	Fire fighting - Underground water tank(CMD):	1,400							
	Fire fighting - Overhead water tank(CMD):	560							
	Excess treated water	848							
Wet season:	Source of water	From PCMC, Water Tankers							
	Fresh water (CMD):	1,099							
	Recycled water - Flushing (CMD):	539							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	248							
	Total Water Requirement (CMD) :	1,645							
	Fire fighting - Underground water tank(CMD):	1,400							
	Fire fighting - Overhead water tank(CMD):	560							
	Excess treated water	903							
Details of Swimming pool (If any)	Phase 1 - 2,05,000 lits Phase 3 - 43,200 lits								

33.Details of Total water consumed

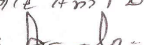
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	836	263	1099	100	32	132	736	232	968

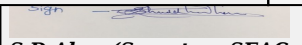

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S.D.Aher (Secretary SEAC-III)

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Domestic	407	132	539	49	16	65	358	116	474
Gardening	55	00	55	55	00	55	00	00	00
34.Rain Water Harvesting (RWH)									
	Level of the Ground water table:	Wet Season 30m; Dry Season 60m							
	Size and no of RWH tank(s) and Quantity:	One quarry having capacity 30,000m ³							
	Location of the RWH tank(s):	NA							
	Quantity of recharge pits:	Existing: 7 pits (Phase III) Proposed:13 pits (Phase IV)							
	Size of recharge pits :	Borehole dia 150mm having depth 100ft Size of the chamber - 900mm x 1200mm x 1000mm							
	Budgetary allocation (Capital cost) :	Rs. 25 Lakhs							
	Budgetary allocation (O & M cost) :	Rs. 1.5 Lakhs/Annum							
Details of UGT tanks if any :	Domestic UG tank Capacity: 1639m ³ Fire fighting: 1400m ³ Rainwater harvesting Tank: 30,000m ³								
35.Storm water drainage									
	Natural water drainage pattern:	Sloping from South to North							
	Quantity of storm water:	2.31 m ³ / sec							
	Size of SWD:	Ø600mm having slope 1:120							
Sewage and Waste water									
	Sewage generation in KLD:	1445							
	STP technology:	MBBR							
	Capacity of STP (CMD):	Two streams of 725m ³ /day each; Total 1450m ³ /day @ 21hrs working							
	Location & area of the STP:	Eastern centre of Plot							
	Budgetary allocation (Capital cost):	Rs. 300 Lakhs							
	Budgetary allocation (O & M cost):	Rs. 80 Lakhs/Annum							
36.Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:	81,257m ³							
	Disposal of the construction waste debris:	Quantities shall be reused for filling if remained shall be disposed to authorized recycler.							
Waste generation in the operation Phase:	Dry waste:	2104							
	Wet waste:	3399							
	Hazardous waste:	NA							
	Biomedical waste (If applicable):	NA							
	STP Sludge (Dry sludge):	212							
	Others if any:	NA							
 S.D.Aher (Secretary SEAC-III)		SEAC Meeting No: 60 th SEAC-3 Meeting Meeting Date: September 11, 2017				Page 15 of 26		Signature:  Shri. Anil Kale (Chairman SEAC-III)	

Mode of Disposal of waste:	Dry waste:	Handed over to PCMC
	Wet waste:	Smart Organic waste composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	NA
Area requirement:	Location(s):	North East, Centre East, West in the Plot
	Area for the storage of waste & other material:	65 m ²
	Area for machinery:	140 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 70 Lakhs
	O & M cost:	Rs. 15 Lakhs/Annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

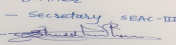
38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	100 kVA	Diesel - 19 ltr/hr	1	6	0.10	123
2	125 kVA	Diesel - 23 ltr/hr	1	6	0.10	133
3	160 kVA	Diesel - 30 ltr/hr	1	7	0.15	139
4	180 kVA	Diesel - 42 ltr/hr	2	7	0.15	139
5	320 kVA	Diesel - 55 ltr/hr	1	10	0.10	210
6	35 kVA	Diesel - 6 ltr/hr	1	5	0.10	115

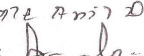
40. Details of Fuel to be used

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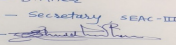
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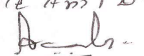
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	169	48	217
41.Source of Fuel		Authorized dealer		
42.Mode of Transportation of fuel to site		By road		
43.Green Belt Development	Total RG area :	12,152.05 m2		
	No of trees to be cut :	00		
	Number of trees to be planted :	1300		
	List of proposed native trees :	Given		
	Timeline for completion of plantation :	Before project completion		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Millingtonia hortensis	Buchade Jhad	52	A very tall growing tree. Flowers are highly but pleasantly scented. Flowers resemble.
2	Alstonia Scholaris	Sapata parni	90	Alstonia is evergreen fast-growing tree, that grows up to 40 m tall.The fragrant flowers are greenish white and occurs in early winter.
3	Neolamarckia cadamba	Burflower Tree	10	Indigenous to the warmer parts of India.It grows to 15-20 m tall.
4	Anthocephalus Kadamba	Kadamba	11	Shady, large tree, ball shaped flowers.
5	Azadiracta Indica	Neem Tree	4	Hardy tree, grows in dry land & have medical properties
6	Bahunia Blackena	Hong Kong Orchid Tree	2	is a legume tree of the genus Bauhinia, with large thick leaves and striking purplish red flowers.
7	Bauhinea Pupurea	Phanera Purpurea	5	Phanera purpurea is a small to medium-size deciduous tree growing to 17 feet (5.2 m) tall. The leaves are 10-20 centimetres (3.9-7.9 in) long and broad,
8	Bauhinia Variegeta	Kachnar	18	This is a very popular ornamental tree in tropical climates, grown for its scented flowers and also used as food item.
9	Cordia dichotoma	Bird Lime Tree	25	The stem bark is greyish brown, smooth or longitudinally wrinkled. Flowers are short-stalked, bisexual, white in colour which open only at night.

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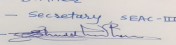
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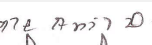

10	Ficus benjamina	Ficus Tree	19	Ficus benjamina is a tree reaching 30 metres (98 ft) tall in natural conditions, with gracefully drooping branchlets and glossy leaves 6-13 cm (2-5 in), oval with an acuminate tip.
11	Butea Monosperma	Palas	2	It is a medium-sized dry season-deciduous tree, growing to 15 m (49 ft) tall. It is a slow growing tree, young trees have a growth rate of a few feet per year.
12	Caryota Mitis	Fishtail Palm	86	Caryota mitis has clustered stems up to 10 m (33 feet) tall and 15 cm (6 inches) in diameter. Leaves can be up to 3 m (10 feet) long. Flowers are purple, fruits dark purple or red.
13	Casia Fistula	Golden Rain Tree	95	The golden shower tree is a medium-sized tree, growing to 10-20 m (33-66 ft) tall with fast growth.
14	Cordia Sebastina	Shrubby Tree	7	Cordia sebestena grows to a maximum height of 25-30 feet at maturity, with a nearly equal spread. The crown is round to vase-shaped. Branches tend to be somewhat drooping, and the tree is naturally multitrunked.
15	Erythrina Indica	Parijat	53	The tree is considered ornamental and has pleasant fragrance.
16	Euphorbia Caracasana	Uforbia Caracasana	23	The deep red leaves stand out anywhere. Plants are hardy and quick growing.
17	Artocarpus heterophyllus	Jack-fruit	11	The jackfruit, also known as jack tree, jakfruit, or sometimes simply jack or jak, is a species of tree in the fig,
18	Ficus Benjamina	Weeping Tree	4	It is a very popular house plant in temperate areas, due to its elegant growth and tolerance of poor growing conditions.
19	Syzygium cumini	Jambhul	55	The name of the fruit is sometimes mistranslated as blackberry, which is a different fruit in an unrelated family.
20	Neolamarckia cadamba	Bur Flower Tree	23	A fully mature kadam tree can reach up to 45 m (148 ft) in height. It is a large tree with a broad crown and straight cylindrical bole.
21	Pongamia Pinnata	Karanj	20	Leaves used for green manuring branches used as tooth brush seeds for oil, used for soil conservation.
22	Lagerstroemia	Banaba Plant	2	It is a small to medium-sized tree growing to 20 metres (66 ft) tall, with smooth, flaky bark.

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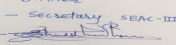
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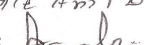
23	Lagerstromia Spaciosa	Pride Of India	14	Agerstroemia speciosa, also known by the common name Pride-of-India, is a shrub to large tree with multiple.
24	Mangifera Indica	Mango	75	Fruit tree
25	Michelia Champaca	Champak	8	In its native range Magnolia champaca grows to 50 metres (160 ft) or taller. Its trunk can be up to 1.9 metres (6.2 ft) in diameter.
26	Millingtonia Hortensis	Jasmine Tree	80	It reaches maturity between 6 and 8 years of age and lives for up to 40 years. It is a versatile tree which can grow in various soil types and climates with a preference for moist climates.
27	Mimosups Elengi	Spanish Cherry	36	Leaves are glossy, dark green, oval-shaped, 5-14 cm (2.0-5.5 in) long, and 2.5-6 cm (0.98-2.36 in) wide.
28	Mussanda Pink	Ashanti Blood	28	The bracts of the shrub may have different shades, including red, rose, white, pale pink or some mixtures
29	Azadirachta indica	Neem	105	It is evergreen, but in severe drought it may shed most or nearly all of its leaves. The branches are wide and spreading.
30	Putranjiva Roxburgii	Putravanti	9	A small evergreen tree with drooping branches (looks like and mistaken for Asopalav).
31	Royal Palms	Florida Royal Palm	24	The trunk is stout, very smooth and grey-white in colour with a characteristic bulge below a distinctive green crownshaft.
32	Saraca Indica	Ashoka Tree	70	The ashoka is prized for its beautiful foliage and fragrant flowers. It is a handsome, small, erect evergreen tree, with deep green leaves growing in dense clusters.
33	Spathodia Companulata	Flame Of The Forest	6	The flower bud is ampule-shaped and contains water. These buds are often used by children who play with its ability to squirt the water.
34	Illicium verum	Star Tree	23	carambola is a small tree or shrub that grows 5-12 metres tall, with rose to red-purple flowers.
35	Tabebuia Argentia	Silver Trumpet Tree	4	The leaves are palmately compound, with five or seven leaflets, each leaflet 6-18 cm long, green with silvery scales both above and below.
36	Tabebuia Rosea	Rosy Trumpet Tree	4	The tree crown is wide, with irregular, stratified ramification and only few thick branches

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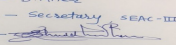
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37	Tecoma Gaudichaudi	Gaudi Chaudi	22	It is amongst the brightest yellow you can have in your garden. Native of West Indies & Texas to Argentina.
38	Terminalia Catappa	Indian-Almond	31	Terminalia catappa has corky, light fruit that are dispersed by water. The seed within the fruit is edible when fully ripe, tasting almost like almond.
39	Terminalia Mentalle	Evergreen Tree	55	Terminalia mantaly is a deciduous or evergreen tree with conspicuously layered branches, growing 10 - 20m tallx
40	Thewetia Nerifolia	Yellow Oleander	17	Cascabela thevetia is an evergreen tropical shrub or small tree. Its leaves are willow-like, linear-lanceolate, and glossy green in color.
41	Arecaceae	Plam Tree	49	They are flowering plants Most palms are distinguished by their large, compound, evergreen leaves, known as fronds, arranged at the top of an un-branched stem.
42	Plumeria	Chafa	23	It is a genus of flowering plants in the dogbane family, Apocynaceae.

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

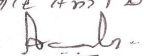
Serial Number	Name	C/C Distance	Area m2
1	Plam Row	2.81m	95.80
2	Areca Palm	1.20m	34.20
3	Budda Belly Bamboo	1.20m	42.71
4	Alpinea Red Ginger	0.60m	25.86
5	Helliconia Psittacorum	0.60m	28.04
6	Raphis Excelsa	0.75m	24.33
7	Murraya Exotica	0.60m	16.92
8	Gardenia Jasminoides	0.60m	16.29
9	Jasminum Sambac	0.60m	11.24
10	Hedychium Coronarium	0.60m	13.92
11	Nerium Dwarf	0.60m	7.84
12	Tecomaria Capensis	0.45m	31.39
13	Bougainvillea	0.90m	31.64
14	Dracena Mahatma	0.60m	12.63
15	Coleus Blumei	0.45m	17.12
16	Floribunda	0.30m	9.07
17	Red Canna	0.30m	23.25
18	Yellow Canna	0.30m	8.36
19	Ipomea	0.30m	5.30
20	Asparagus	0.30m	8.14
21	Clematis Gouriana	0.30m	6.50

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22	Chlorophytum	0.30m	4.42
23	Wedellia Trilobata	0.30m	1.89

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	49 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	8005 KW / 10006 KVA
	During Operation phase (Demand load):	5203 KW / 6504 KVA
	Transformer:	14 Nos. x 630 KVA
	DG set as Power back-up during operation phase:	1x320kVA, 1x 160kVA, 1x 125kVA, 2x 100kVA, 1x 35kVA & 2x 180kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Auto time control for external & common lighting
 CFL, LED for common area lighting
 Solar powered water heating
 Electronics V3F Drives

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED for common area lighting	37%
2	Solar powered water heating	5,994 KW

50. Details of pollution control Systems

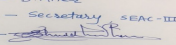
Source	Existing pollution control system	Proposed to be installed
STP	Capacity - 2 x 725m ³	NA
OWC	4 x 150kg and 2 x 1000kg	1 x 150kg and 1 x 1000kg
DG Set	Stacks of 1x320kVA, 1x 160kVA, 1x 125kVA, 1x 100kVA & 1x 180kVA	Stack of 1x 180kVA, 1x 35kVA,

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 240 Lakhs
	O & M cost:	Rs. 38 Lakhs/Annum

51. Environmental Management plan Budgetary Allocation

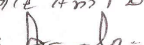
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	Air	Water For Dust Suppression, air and noise monitoring	1.50
2	Water	Tanker water for construction, water monitoring	21.50
3	Land	Site Sanitation	7.23
4	Biological	Gardening	6.00
5	Socio-Economic	Safety, First Aid, Health Hygiene Facilities, Disinfection at site, Health Check Up, Crèches for children, Personal Protective Equipment, CFL lamps for labour hutments	12.50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water	STP	300	80
2	Rain Water Harvesting	RWH pits+ quarry and piping	25	1.5
3	Solid waste	OWC	70	15
4	Environmental monitoring	Air, water, soil monitoring & analysis	--	1.0
5	Land	Gardening	250	60
6	Energy conservation	Solar water heating & Solar PV	215	3.5

51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

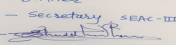
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

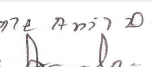

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	DP shows three roads i.e. 18m along river, 24m south of the plot and 18m road pass through the plot, along with 30m arterial Moshi - Chikhali road.
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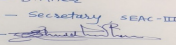
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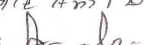
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	57,272.80 m ²
	Area per car:	30m ²
	Area per car:	30m ²
	Number of 2-Wheelers as approved by competent authority:	4812
	Number of 4-Wheelers as approved by competent authority:	1208
	Public Transport:	Nearest bus stop Chikhali bus depot (2km)
	Width of all Internal roads (m):	12m, 9m, 6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a (B)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	10-02-2017
Brief information of the project by SEAC		

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M/s. River Residency Developers.

Environment clearance for expansion /amendment in construction project "River Residency" at Gat No. 90,Village chikhali,Tal.Haveli ,Dist.Pune .(New Case)

PP submitted their application for prior Environmental clearance for total plot area of 2,31,000.00 Sq. Mtrs, BUA of 2,42,847.70 Sq. Mtrs and FSI area of 1,33,687.48 Sq. Mtrs. PP proposes to construct 28 nos. of residential buildings, having maximum height of 39.85 Mtrs, 39 nos. of shops.& 3 Nos. of club house.

PP has obtained earlier EC no. SEAC-2011/CR-620/TC-2 dated 07.10.2011 for total plot area of 2,31,000.00 Sq. Mtrs, BUA of 2,39,049.29 Sq. Mtrs and FSI area of 1,45,241.63 Sq. Mtrs comprising of 32 nos.of residential buildings & 39 nos. of convenient shops.

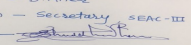
During deliberation, PP informed that construction of BUA 1,85,350.67 Sq.Mtrs. of Phase I (13 Buildings of Stilt+12), Phase II (3 Buildings of G+11 and one Commercial),Phase III (1 Buildings of G+11 and Commercial , Phase IV (5 Buildings of G+12 completed and 2 under construction) and Parking area services , Common services, Terrace & Arch projections is completed as per earlier EC. Now, PP has applied for expansion/ amendment in earlier EC.

During deliberation, Committee noted that approximately about 4000 Sq.Mtrs. of BUA is increased in earlier EC, therefor PP suo-moto makes changes in earlier submitted EIA and uploaded on website. But as the baseline data used for preparation of earlier EIA valid only for three years and environmental parameters are also changed. Therefor, Committee suggested PP to withdraw EIA uploaded on site and prepare fresh EIA.

In the light of EIA Notification 2006 and amendment thereof issued by MoEF, SEAC III is required to give TOR's to the proposals in the category 8(B) B1. The proposal was discussed on the basis of draft TOR as presented by the PP. All issues related to environment, including air, water, noise, soil, ecology and biodiversity and social aspects were discussed.

The committee appraised the project under 8(b) B1 category of EIA Notification, 2006. PP to use model TOR available on the web site of MoEF in addition to the points mentioned below and TOR attached as Annexure - I.

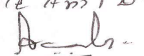
DECISION OF SEAC

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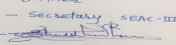
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PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

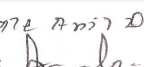
- 1) PP informed that full potential sanction is received.
- 2) PP to mention proposed & constructed environmental amenities separately in EIA
- 3) PP to submit condition wise compliance report of earlier EC conditions
- 4) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur.
- 5) PP to submit architect certificate of work initiated on site as per earlier EC.
- 6) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
- 7) PP to submit 6 monthly compliance report of earlier EC.
- 8) PP to include separate chapter on Renewable energy in EIA report.; PP to submit terrace plan for installing solar panels& calculations of energy saving;PP to submit energy modelling with write-up support to this.
- 9) PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 10) PP to carry out Traffic Impact Study in detail including, a) Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b) Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c) Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d) 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. e) PP to revise parking table mentioning parking as per DCR & parking provided actually. f) PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.
- 11) PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
- 12) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 13) PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 14) PP to submit cross section of all buildings.
- 15) PP to submit parking area statement as per DCR.
- 16) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 17) PP to carry out fugitive dust monitoring by using local meteorological data.
- 18) PP to submit waste management plan details with its 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 submit OWC details.
- 19) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 20) PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.
- 21) PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
- 22) PP to submit phase wise development plan considering wind rose diagram.
- 23) PP to obtain and submit following NOC's: a)CFO NOC, b)Water supply NOC with quantity, c)Drainage NOC, d)Non-biodegradable waste disposal.
- 24) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.
- 25) PP to submit design details of water treatment plant ;PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.
- 26) PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 27) PP to submit details of 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
- 28) PP to submit details hydro geological survey report with graphs & data.
- 29) PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 30) PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 31) PP to avoid use of chemical fertilizers & pesticides in RG area to avoid contamination of Indrayani River .
- 32) PP to submit layout showing natural water courses on site;PP to submit total runoff calculation before and after development.
- 33) PP to carry out 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.
- 34) PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
- 35) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 36) PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted.
- 37) PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.

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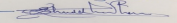
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FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

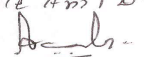
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