

HALF-YEARLY POST EC COMPLIANCE REPORT

OF

“Renuka Breeze”

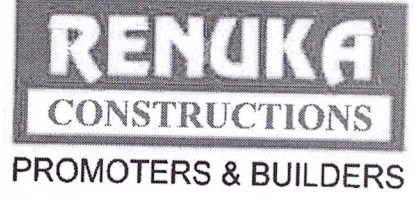
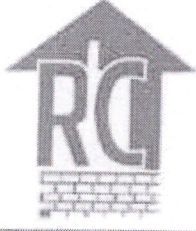
Proposed Residential project at S.No. 108/1, 108/2/1,
108/2/2 + 109/1 (P), Ravet, Pune.

PERIOD

July 2024 – December 2024

Project Proponent

M/s. Renuka Construction.



8, Deeplaxmi Building, Near Morya Hospital, Link Road, Chinchwad, Pune - 411 033. Ph. : 020 27614333
renukaconstructions@ymail.com | renukaconstructions8@gmail.com www.renukaconstructions.com

Date: 02/12/2024

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium, Nagpur - 440001.

Subject : Submission of Half Yearly Post Monitoring Report for the period of July 2024 – December 2024 for “Renuka Breeze” Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune, Maharashtra by M/s. Renuka Constructions.

Reference : Environment Clearance letter no. SIA/MH/MIS/291315/2022 dtd. 22.02.2023.

Sir,

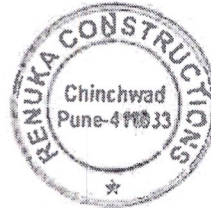
With reference to above mention subject, we would like to inform you that we have been accorded the environmental clearance for our Residential project from SEIAA Maharashtra, on 22.02.2023.

We hereby submit six monthly monitoring report for the period ended (July - December 2024) for building and construction project.

Hope the above are in line with your requirement and kindly acknowledge the receipt.

Thanking you.
Yours truly,
M/s. Renuka Constructions.

Authorized Signatory



CC: Member Secretary, MPCB.
Principal Secretary, Environment Department.

02.12.24
Maharashtra Pollution Control Board
Kalpataru Point, 2nd Floor, Sion Circle,
Opp. Cine Planet, Sion (East),
Mumbai - 400 022.
Tel. 24010437 / 24020731.
Website : www.mpcb.gov.in



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To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur – 440 001.

Date:-

Subject: Present status of Project work for **July 2024 – December 2024** for “**Renuka Breeze**” Proposed Residential project at S. No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune, Maharashtra by **M/s. Renuka Constructions**.

Reference: Environment Clearance letter no. **SIA/MH/MIS/291315/2022** dated **22.02.2023**.

Sir,

This has reference to the submission of Post Monitoring Report for “**Renuka Breeze**” Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune.. Maharashtra by **M/s. Renuka Constructions**.

The present project status at site is as follows:

Sr. No.	Building No	Configuration	Status
1	Building A	B + GP + UP + 13 Floors.	Not at Started .
2	Building B	B + GP + UP + 13 Floors.	Not at Started .
3	Building C	B + GP + UP + 13 Floors.	Not at Started .
4	Building D	B + GP + UP + 13 Floors.	Not at Started .
5	Building E	B + GP + UP + 13 Floors.	Not at Started .
6	Building F	B + GP + UP + 13 Floors.	Not at Started .
7	Building G	B + GP + UP + 13 Floors.	Not at Started .
8	Building H	B + GP + UP + 13 Floors.	Not at Started .
9	Building I	B + GP + UP + 13 Floors.	Not at Started .
10	Building J	B + GP + UP + 13 Floors.	Not at Started .
11	Club House	B + GP + UP + 13 Floors.	Not at Started .

Thanking you,
Yours truly,
M/s. Renuka Constructions.

Authorized Signatory



DATA SHEET

FOR

“Renuka Breeze”

Proposed Residential project at S.No. 108/1, 108/2/1,
108/2/2 + 109/1 (P), Ravet, Pune.

PROJECT PROPONENT

M/s. Renuka Constructions.

Monitoring the Implementation of Environmental Safeguards Ministry of Environment & Forests Western Region, Regional Office, Nagpur

MONITORING REPORT

DATA SHEET

1.	Project type: river-valley/ mining/ Industry/thermal/ nuclear/ Other (specify)	Construction - Residential Project	
2.	Name of the project	Renuka Breeze - Residential Project	
3.	Clearance letter (s) / OM/ no. and date:	SIA/MH/MIS/291315/2022	dated 22.02.2023.
4.	Location	S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune.	
a.	District (s)	Pune	
b.	State (s)	Maharashtra	
c.	Latitude / Longitude	-	
5.	Address for correspondence		
a.	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax numbers)	Mr. Nilesh Darekar. S.no. 107/2(P), 108/1(P), 108/2/2 & 109/1, Ravet, Pune, Maharashtra.	
b.	Address of Executive Project Engineer /Manager (with pin code / fax number)	Renuka Constructions. 8, Deeplxmi Building, Near Morya Hospital, Link Road, Chinchwad, Pune -411 033.	
6.	Salient features:	<u>Salient Features of the project:</u>	
a.	of the project	Total Plot Area = 12,447.09 Sq.mt. Total Construction Area = 69,892.81 sq.mt.	
		The above ground structure will comprise of:	
		No. of Buildings	configuration
		A, B, C, D, E, F, G, H, I & J	B + GP + UP + 13 Floors.

		Club House	G + 01 Floor
b.	of the environmental management plans	<p>1. Sewage Treatment Plant: Sewage Treatment Plant with capacity 320 cum provided for treating the wastewater. Recycled wastewater will be used for Flushing, gardening etc.</p> <p>2. Rain Water Harvesting: Rain Water Harvesting shall be provided to raise the ground water table.</p> <p>3. Solid Waste Management: Dry Waste: 518 Kg /day Wet Waste: 777 Kg /day STP Sludge: 31 Kg /day The Wet waste will be processes in OWC for manure for landscaping & Gardening. The Dry waste will be handover to the recyclers. & The STP sludge will be used as manure for plantation.</p> <p>4. Solar energy is used as back-up to main source including streets and buildings.</p>	
7.	Break Up Of the project Area		
a.	Submerge area: forest & non-forest	Non-Forest	
b.	Others	-	
8.	Breakup of the project affected: population with enumeration of those losing houses / dwelling units, only agriculture land only, both dwelling units and agriculture land and landless labourers / artisan	The project does not envisage acquisition of land and / or displacement.	
a.	SC, ST / Adivasis	---	
b.	Others	---	
	(Please indicate whether these figures are based on any scientific and		

	systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	
9.	Financial details	
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	Total project cost: 170 Cr.
b.	Allocation made for environmental management plans with item wise and year wise break-up	Capital EMP Cost: 370.43 Lakhs Cost for EMP: 67.54 Lakhs / Year
c.	Benefit cost ratio/ Internal rate of return and the year of assessment	---
d.	Whether (c) includes the cost of environmental management as shown in the above	---
e.	Actual expenditure incurred on the project so far	Nil.
f.	Actual expenditure incurred on the environmental management plans so far	Nil.
10.	Forest land required	
a.	The status of approval for diversion of forest land for non-forestry use	The land is of non-forest type hence not applicable.
b.	The status of clearing and felling	R.G. Area Provided: 1191.82 sq.mt A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. There will be tree plantation of about 150 Nos. Different species will be selected as per CPCB green belt guidelines and common species available in the proposed area.
c.	The status of compensatory afforestation, if any	---
d.	Comments on the viability & sustainability of compensatory	N.A.

DATA SHEET

Proposed Residential project at S.No. 108/1,
108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by
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	afforestation program in the light of actual field experience so far	
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
12.	Status of construction	
a.	Date of commencement (Actual and/or planned)	March 2023
b.	Date of completion (Actual and/of planned)	February, 2028
13.	Reasons for the delay if the project is yet to start	N.A
14.	Dates of site visits	--
a.	The date on which the project was monitored by the regional office on previous occasions, if any	Not yet visited.
b.	Date of site visit for this monitoring report	--
15.	Details of correspondence with project authorities for obtaining action plans/information on status on compliance to safeguards other than the routine letters for logistic support for site visits	Renuka Constructions. 8, Deeplaxmi Building, Near Morya Hospital, Link Road, Chinchwad, Pune - 411 033.

COMPLIANCE OF EC CONDITION

FOR

“Renuka Breeze”

Proposed Residential project at S.No. 108/1, 108/2/1,
108/2/2 + 109/1 (P), Ravet, Pune.

PROJECT PROPONENT

M/s. Renuka Constructions

SIX MONTHLY COMPLIANCE REPORT

Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Construction.

Point wise compliance status to various stipulations laid down by the Government of Maharashtra as per the Environmental Clearance issued vide letter no. SIA/MH/MIS/291315/2022 dated 22.02.2023 as follows:

Specific Conditions:

Sr. No	COMPLIANCE	REPLY
A. SEAC Conditions		
1	PP to abide all the conditions of fire NOC.	We shall abide with all conditions of fire NoC.
2	It is noted that, the project will be completed in phases, PP to provide mitigation measures for the dust & noise pollution.	Condition is noted. Mitigation measures for the dust & noise pollution will be Proposed.
3	PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places. PP to ensure that this should be provided in AC/DC combination.	We shall provide 30% of total parking with electric charging facility by providing 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.	We will be using tanker water for proposed Construction.
B. SEIAA Conditions		
1	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.	Condition is noted.
2	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	Energy Savings Calculations are attached as Annexure 1 .
3	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF&CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Condition is noted.
4	SEIAA after deliberation decided to grant EC for FSI -51,160.38 m ² , Non FSI-18,732.43 m ² , Total BUA- 69,892.81 m ² . (Plan approval No. BP/EC/Ravet/11/2022, dated-01.08.2022).	Noted & will adhere to the conditions stipulated by SEAC & SEIAA.
General Conditions		
A. Construction Phase		

SIX MONTHLY COMPLIANCE REPORT

Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Construction.

Sr. No	COMPLIANCE	REPLY
1	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Condition is noted and we shall comply the same.
2	Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.	All construction waste will get collected and segregated properly. Most of that shall be reused for the construction activity.
3	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	We shall comply the same.
4	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Adequate drinking water facility shall be provided for the workers at the site during construction phase.
5	Arrangement shall be made that waste water and storm water do not get mixed.	Covered sewage system has been proposed which is connected to STP for the treatment and reuse of the treated water. Excess treated water shall be disposed off into the sewer drain.
6	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	Tanker water is used for construction work.
7	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	There is no extraction of ground water.
8	Permission to draw ground water for construction of basement if any shall be obtained from the Competent Authority prior to construction/operation of the project.	Use of only Tanker water for construction practice.

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Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Construction.

Sr. No	COMPLIANCE	REPLY
9	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Adequate measures are taken into consideration to minimize the wastage of water.
10	The Energy Conservation Building code shall be strictly adhered to.	Condition is noted and we shall comply the same.
11	All the topsoil excavated during construction activities should be stored for use in horticulture I landscape development within the project site.	Excavated top soil is used for landscaping.
12	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Condition is noted.
13	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil testing was done, according to the reports all the parameters are within limit and so there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants.
14	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	Condition is noted.
15	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	DG of 500 KVA capacity shall be used as backup during construction phase. These are environment friendly make and provided with acoustic enclosure to avoid noise emission.
16	Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.	Condition is noted and we shall comply the same.
17	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	Following care will be taken regarding noise levels with conformation to the residential area.

Sr. No	COMPLIANCE	REPLY
	Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	<ul style="list-style-type: none"> • Use of well-maintained equipment fitted with silencers. • Noise shields near the heavy construction operations are provided. • Construction activities are limited to daytime hours only. <p>Also, use of Personal Protective Equipment (PPE) like ear muffs and ear plug during construction activities.</p>
18	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	<ul style="list-style-type: none"> • D.G. sets will be provided as back up for Residential buildings. • 500 KVA D.G. set will be provided with silencer & acoustic enclosures. The stacks shall be provided as per MPCB norms.
19	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.	Regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
B) Operational Phase		
1	a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Garbage will be collected manually from each of the building and carted to collection spot through trolleys. In order to avoid problems associated with solid waste disposal problems, an effective solid waste management system will be followed by segregating the wet and dry garbage. Wet waste will be treated by Organic Waste Converter.
2	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Yes, E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2011

SIX MONTHLY COMPLIANCE REPORT

Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Construction.

Sr. No	COMPLIANCE	REPLY
3	<p>a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.</p>	<p>STP of capacity of 320 (MBBR) has been provided to treat the waste water. STP has been provided by established consultant and operation and maintenance shall be done by the technical persons of consultant. MOU will be done for the maintenance. STP Details attached as Annexure 2.</p>
4	<p>Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.</p>	<p>STP shall be provided for Recycling of wastewater. Proper disposal of waste will be done through well managed Solid Waste management team.</p>
5	<p>The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.</p>	<p>Condition is noted & we shall comply the same.</p>
6	<p>Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.</p>	<p>This effect would be prominent during construction as well as operation phase. The probability of inconvenience faced due to the frequency of truck movement during construction phase would be minimized by better control of traffic movement in the area. Noise levels expected from the planned operating conditions have been assessed and</p>

SIX MONTHLY COMPLIANCE REPORT

Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Construction.

Sr. No	COMPLIANCE	REPLY
		<p>are likely to be within acceptable levels. The impacts have been mitigated by the suggested measures in the "air control and management section".</p> <p>Anti-honking sign boards are placed in the parking areas and on entry and exit point. The project will be provided with sufficient road facilities within the project premises and there will be a large area provided for the parking of vehicles.</p>
7	<p>PP to provide adequate electric charging points for electric vehicles (EVs).</p>	<p>We shall propose 30% of charging points for Electric vehicles on total parking in the project. Refer Annexure 3.</p>
8	<p>Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.</p>	<ul style="list-style-type: none"> • The green area will be approx. 1191.82 sq.mt • A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. <p>Refer Annexure 4.</p>
9	<p>A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.</p>	<p>Separate environment management cell/ consultant with qualified staff is formed and implementing the same.</p>
10	<p>Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.</p>	<p>EMP cost has been worked out and allocated for all environmental pollution control devices and other facilities. Refer Annexure 5.</p>
11	<p>The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board</p>	<p>The advertisement was published in Marathi and English language local newspaper. In Marathi newspaper "Loksatta" dtd. 01.03.2023 & in English newspaper "The Indian Express" dtd. 01.03.2023. Refer Annexure 6.</p>

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Sr. No	COMPLIANCE	REPLY
	and may also be seen at Website at parivesh.nic.in	
12	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	We are submitting six monthly reports to Environment Department, Mantralaya & MPCB.
13	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	We shall comply the same.
14	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Condition is noted.
C) General EC Conditions		
1	PP has to strictly abide by the conditions stipulated by SEAC& SEIAA.	Condition is noted and we shall comply the same.
2	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	We have obtained Consent to Establish from MPCB. Copy is enclosed as Annexure 7 .
3	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Environmental Clearance is already obtained. Refer Annexure 8 .

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Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Construction.

Sr. No	COMPLIANCE	REPLY
4	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Condition is noted and submitted to regional office of MoEF. We are submitting herewith six-monthly reports to environment department, Mantralay & MPCB.
5	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Condition is noted and we shall comply the same.
6	No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Condition is noted.
7	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National board of Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	As the site is not within the radius as define under the circular number and hence NOC is not applicable.

ANNEXURE

FOR

“Renuka Breeze”

Proposed Residential project at S.No. 108/1, 108/2/1,
108/2/2 + 109/1 (P), Ravet, Pune.

PROJECT PROPONENT

M/s. Renuka Constructions

ENERGY SAVINGS

Sr. No.	Building Parameters	Maximum Demand Load in kW		Energy Conservation Measures	% Savings
		Standard Base Case	Efficient Proposed Case		
A) Residential					
1	Internal Lighting	464	255	# LED Tubes & Lamps for all habitable areas	45.00
2	Air Conditioning	510	510	# Energy Efficient 3 - Star Rated Split AC, High COP	0.00
3	Equipments	340	340	# 5 A Load - TV, Telephone, Fans, Plug Points etc. # 15 A Load - Fridge, Microwave, Washing Machines etc.	0.00
4	Water Heating	142	85	#40% of Total Hot Water requirement on Solar	40.00
B) Infrastructure					
1	Common Area Lighting	164	85	# LED Tubes for Stairs, Stores, MEP Rooms, Toilets, Lobbies with motion sensors	48.00
2	External / Landscape Area Lighting	164	85	# LED Lamps with Timer Based Controls	48.00
3	Parking Area Lighting	98	51	# LED Tubes for Parking Spaces with motion sensors	48.00
4	Plumbing, Fire, Equipment & Ventilation	204	153	# Pumps & Motors with Premium Efficiency of 70 - 85%	25.00
5	Lifts & Escalators	160	136	# Energy Efficient Lifts with VVVF Regenerative Lift Drive	15.00
#	Grand Total	2246	1701	Total Savings in Energy Demand - 545 kW	24.25

Sr. No.	Energy Conservation Measures	Savings %
1	Better Envelope Design	24.25% energy saved as per Conventional Base Case.
2	Lower Lighting Loads	
3	Efficient Air Conditioning System	3.42% energy saved as per ECBC 2007 Base Case.
4	Efficient Pumps & Motors	
5	Solar PV System	5% of demand Load (85 kW)

Hot water consumption	57 kW
Solar PV	85 kW
Total	142 kW
Demand Load	1701 kW
Savings through Renewable energy	8.33%



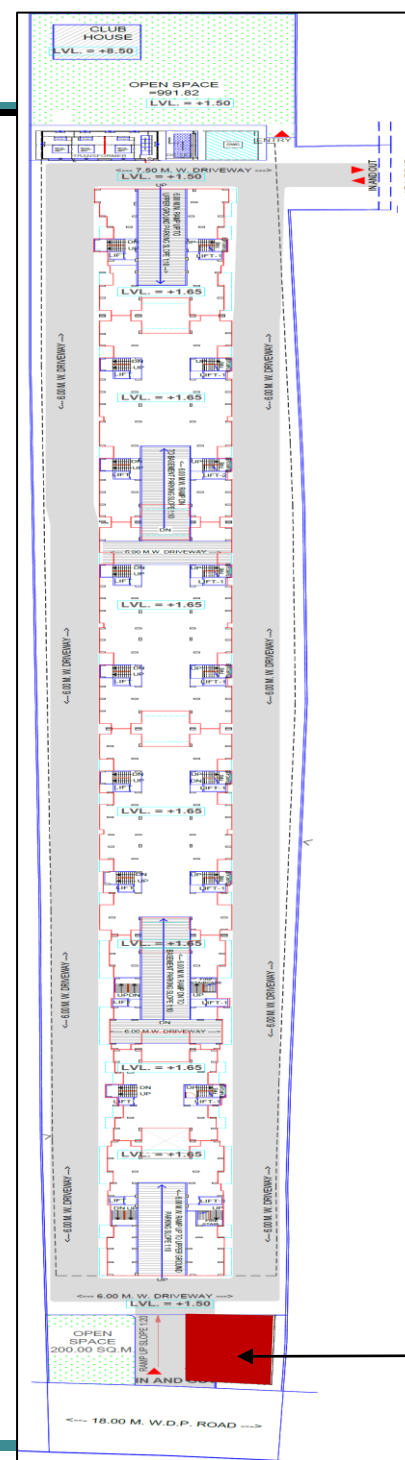
STP LOCATION

Location: Ground

Total Area: 220 sq.m

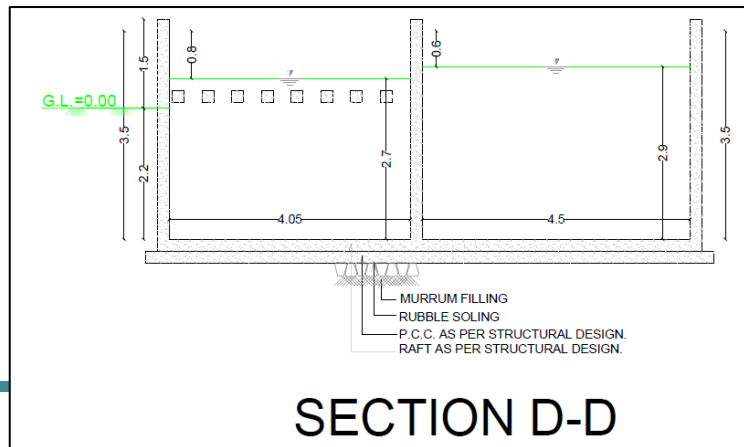
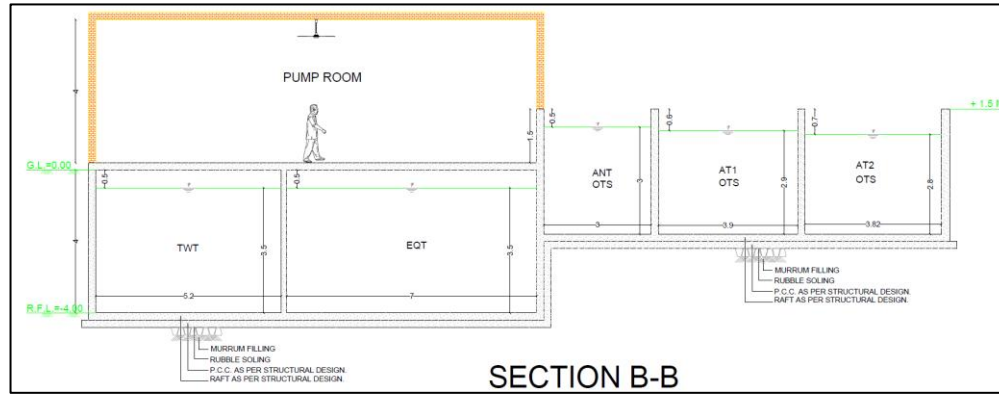
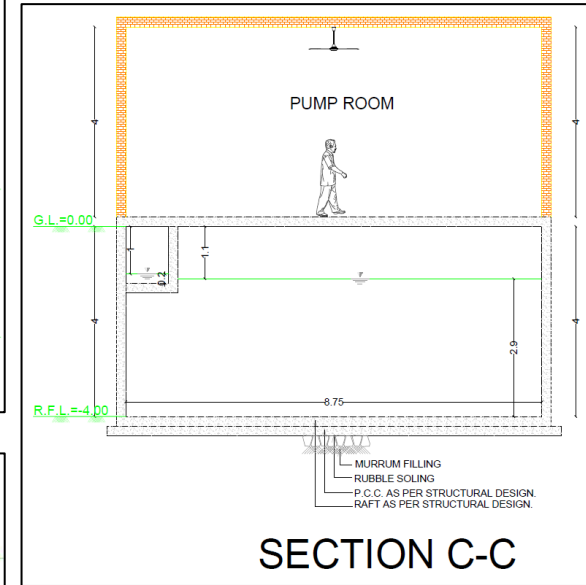
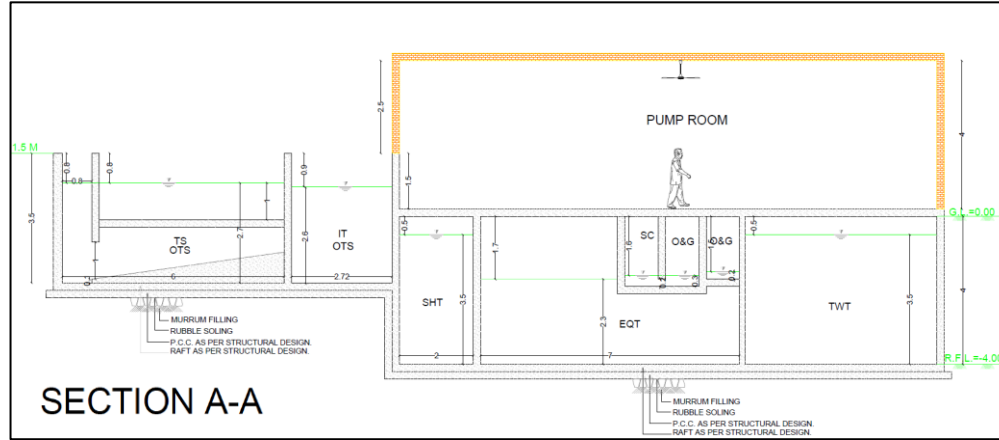
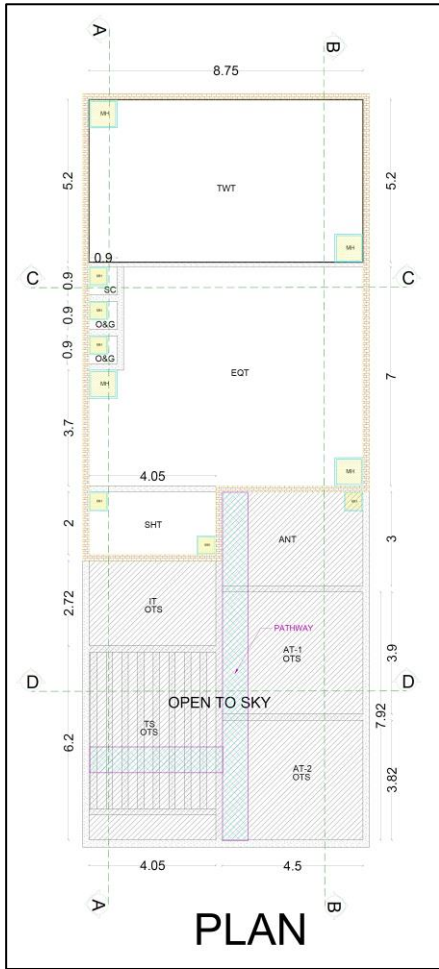
Technology: MBBR

Flow rate: 14.5 cum/day (average)



STP - 320 KLD

STP SECTION



COMPLIANCE POINT NO. 3

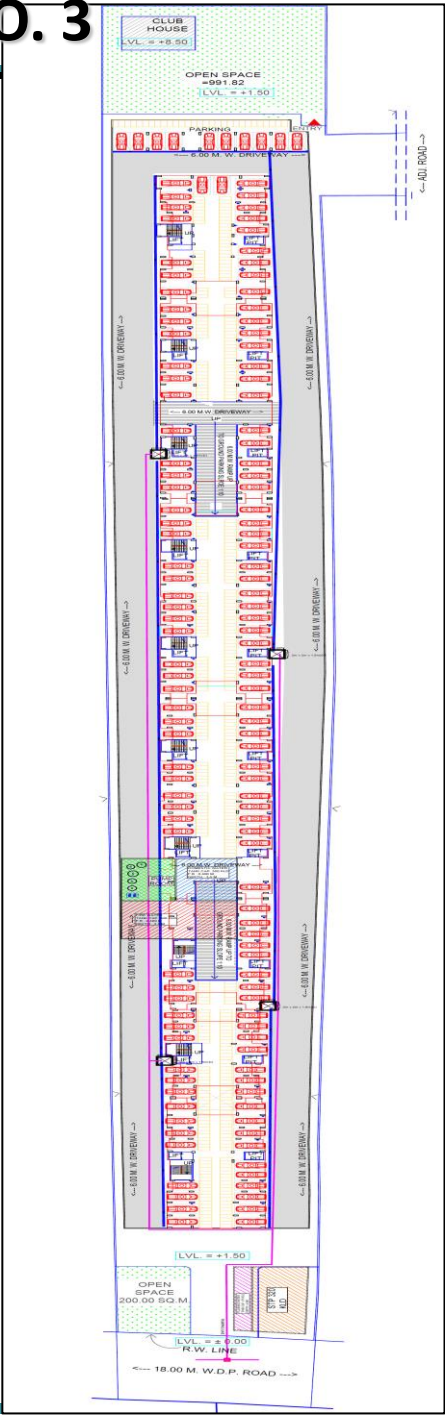
PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places. PP to ensure that this should be provided in AC/DC combination.

Reply: We shall provide 30% of total parking with electric charging facility by providing AC/DC combination

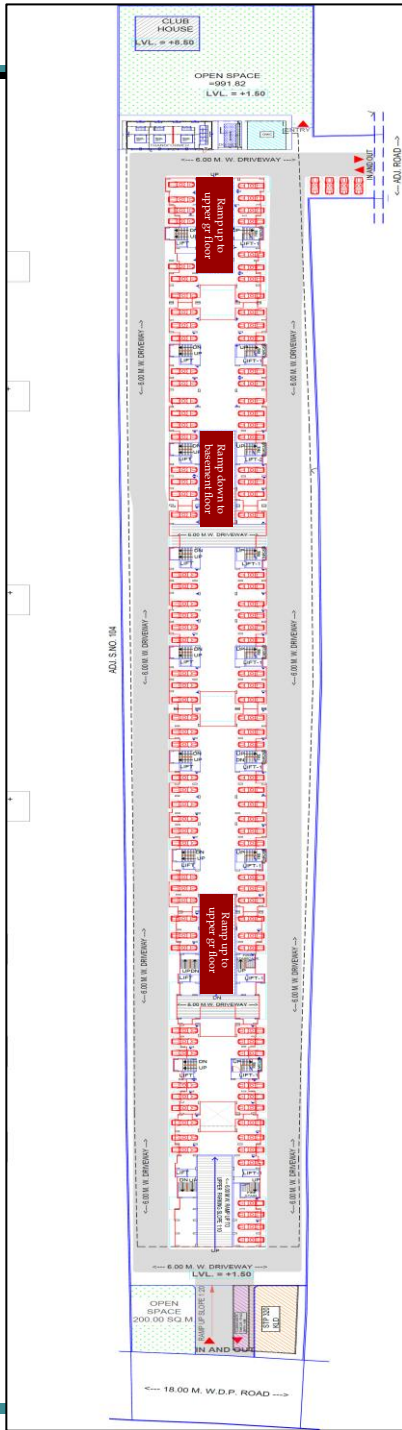
COMPLIANCE POINT NO. 3

Total cars: 279 nos.
 Ramp size: 6 m
 Ramp Slope: 1:10
 Internal driveway : 6 m

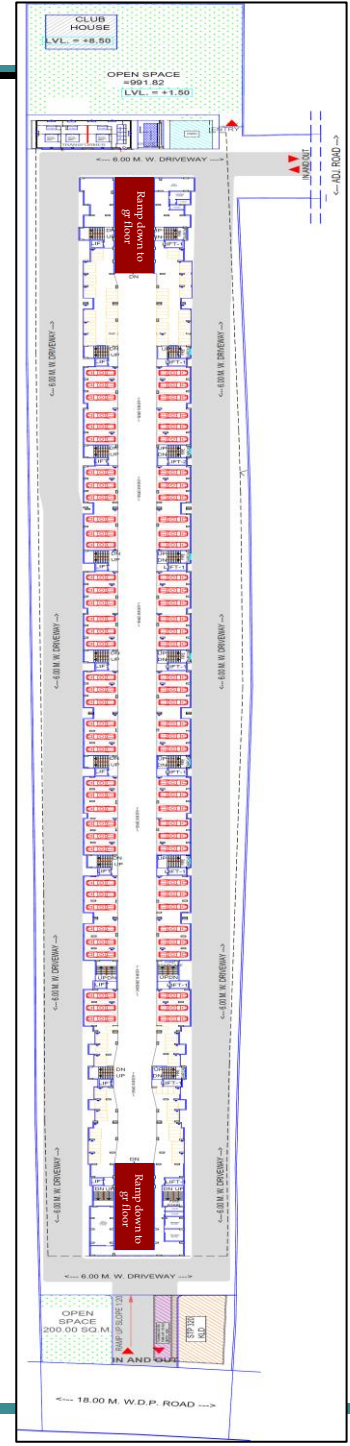
Total number of cars provided	279
Total nos. of parking required to be proposed on EV (30%)	85
Total No of EV charging location/ points	85



Basement parking



Ground parking

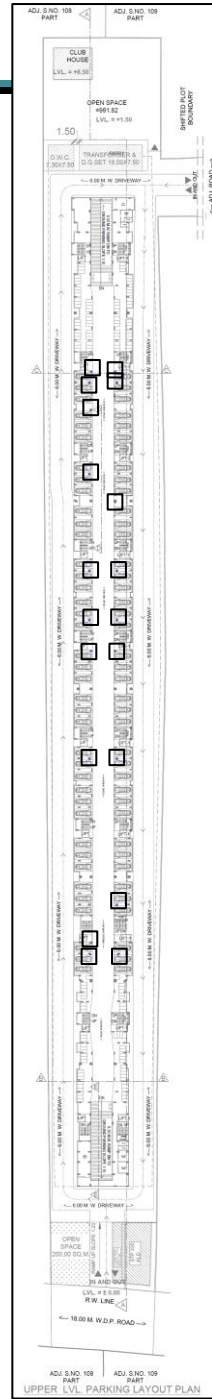
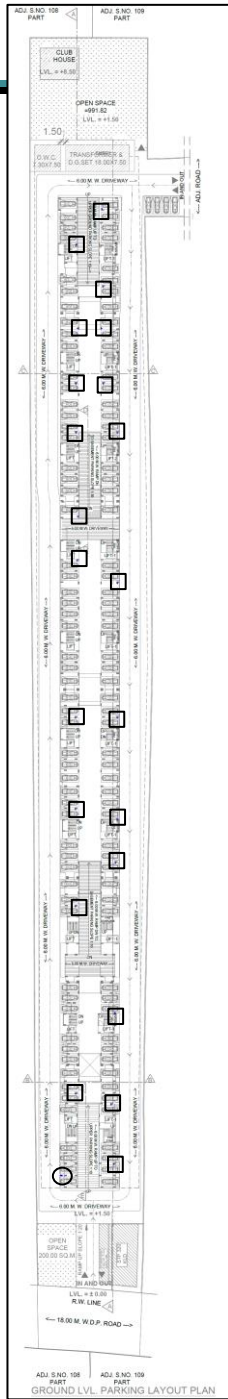
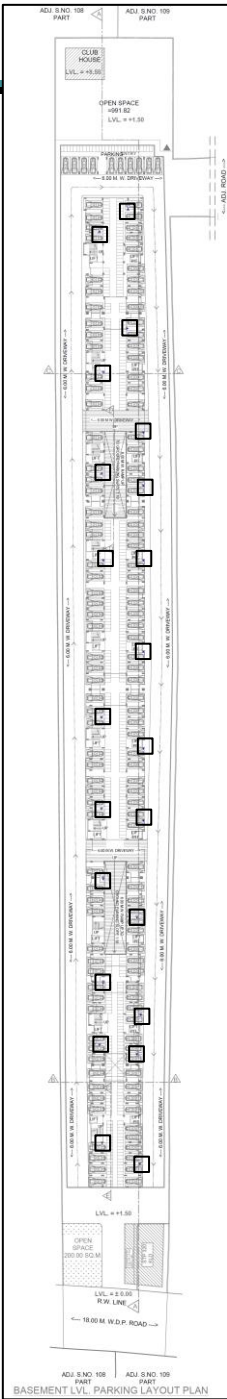


Upper Ground parking

COMPLIANCE POINT NO. 3

Total number of cars provided	279
Total nos. of parking required to be proposed on EV (30%)	85
Total No of EV charging location/ points	85

- EV charging
- DC charging

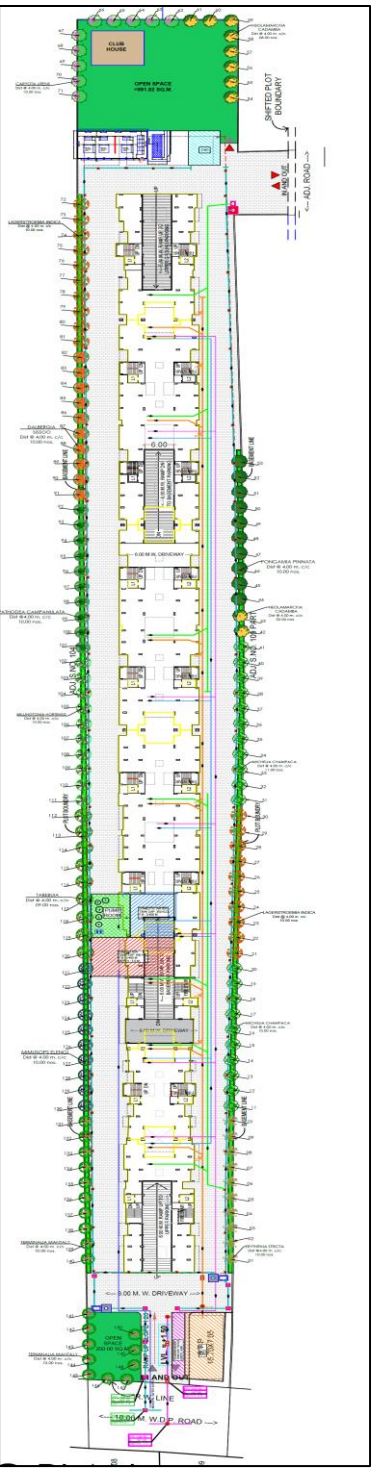


Basement parking

Ground parking

Upper Ground parking

LANDSCAPE PLAN



C-C distance: 4 m



BUDGETARY PROVISION FOR EMP

Construction phase		
Type	Details	Total Cost (Rs. Lakhs)
Capital Cost (Rs. Lakhs)	Site Barricading, Personal Protective Equipment, Site Sanitation-Mobile toilets & Debris Management	0.78
O & M Cost (Rs. Lakhs per annum)	Water for Dust Suppression	0.14
	Site Sanitation , Disinfection & Safety	3.02
	Environmental Monitoring	2.0
	Health Check up	0.72
	Environment Management Cell	8.4
	Total	14.28

Component	Details	Capital (Rs.)	O&M (Rs./Y)
Sewage treatment	STP Operation and its maintenance	130.66	21.45
RWH & Storm water	Recharging existing ground water table, SWD - Connection to external line	7.5	0.3
Solid Waste	Collection Segregation and management of MSW	18.5	4.57
Green belt development	Plantation of new trees and maintenance of existing trees	17.35	2.00
Energy saving	Energy saving measures	94.97	4.74
Environmental Monitoring	To monitor sustainability of Environmental Infrastructure	--	3.00
Environment Management Cell	--	-	6.48
Disaster Management	Emergency preparedness plan to develop and implement on site	101.45	25
Total		370.43	67.54



The Indian EXPRESS

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WEDNESDAY, MARCH 1, 2023, PUNE, LATE CITY, 16 PAGES

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PUBLIC NOTICE

We, M/s. RENUKA CONSTRUCTIONS hereby bring to the kind notice of general Public that Environment Department, Government of Maharashtra has accorded Environmental Clearance of our Residential Project located at S. No. 108/1, 108/2/1, 108/2/2+109/1 (P) Village, Ravet, Pune Maharashtra vide letter dated 22nd February 2023 bearing file No. EC23B000MH127887.

The copies of the clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the Website of the Department of Environment, Government of Maharashtra at <http://parivesh.nic.in/>

Date : 28/02/2023

Sd/-

Place : Pune

M/s. RENUKA CONSTRUCTIONS

पुणे, बुधवार, १ मार्च २०२३



WWW.LOKSATTA.COM

लोकसत्ता

लेख

कुजवावे ?क्रिया करून त्याची निर्यात
शक्य आहे. पण त्यासाठी
उभारणीच झालेली नाही...

पुणे, मुंबई, नागपूर, अहमदनगर, औरंगाबाद आणि दिल्ली येथून प्रसिद्ध

लोकमान्य, लोकशक्ती !

जाहीर सूचना

आम्ही मे. रेणुका कॅन्स्ट्रक्शन्स सर्वसाधारण जनतेस कळवू इच्छितो की, महाराष्ट्र शासनाच्या पर्यावरण विभागाने आमच्या सर्व्हे नं. १०८/१, १०८/२/१, १०८/२/२, +१०९/१ (पार्ट), रावेत गाव, जिल्हा-पुणे, महाराष्ट्र येथील निवासी प्रकल्पाला दिनांक २२ फेब्रुवारी २०२३ रोजी पत्र क्रमांक EC23B000MH127887 अन्वये पर्यावरणाच्या दृष्टीकोनातून मान्यता दिली आहे. सदर मान्यता पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या कार्यालयामध्ये तसेच पर्यावरण विभाग, महाराष्ट्र शासन यांच्या <http://parivesh.nic.in/> संकेतस्थळावर उपलब्ध आहे.

दिनांक : २८/०२/२०२३

स्थळ : पुणे

सही/-

मे. रेणुका कॅन्स्ट्रक्शन्स

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/S.S.I

No:- Format1.0/CC/UAN No.0000154678/CE/2303002256

Date: 28/03/2023

To,
M/s. Renuka Constructions
S no. 107/2(P), 108/1(P), 108/2/2 & 109/1,
Ravet, Pune, Maharashtra



Your Service is Our Duty

Sub: Consent to Establish for Residential construction project under Red Category

Ref: Minutes of 36th Consent Committee Meeting of 2022-23 held on 20.03.2023

Your application NO. MPCB-CONSENT-0000154678

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

- The Consent to establish is granted for period up to Commissioning of the project or 5 Yrs whichever is earlier**
- The capital investment of the project is Rs.170 Cr. (As per undertaking submitted by pp).**
- The Consent to Establish is valid for construction project named as M/s. Renuka Constructions, Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Tal Haveli, Dist Pune on Total Plot Area of 12447.09 SqMtrs for proposed total construction BUA of 69892.81 SqMtrs as per EC granted dated 22.02.2023 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environmental clearance dtd 22.02.2023	12447.09	69892.81

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	315	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG Set-500 kVA	01	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	STP Sludge	30 Kg	Dewatering	As Manure
2	Dry Waste	518 Kg/Day	Segregation	Handover to Local Body
3	Wet Waste	777 Kg/Day	Organic waste Converter with composting facility / Biogas digester with composting facility	Converted to Manure and used for gardening

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	8	Ltr/M	Reprocessing	To Authorized Reprocessor

8. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
10. Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
11. Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility.
12. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
13. The project proponent shall make provision of charging of electric vehicles in atleast 40 % of total available parking area.
14. The project proponent shall take adequate measures to control dust emission and noise level during construction phase.
15. The Project Proponent shall comply with the Environmental Clearance obtained vide No SIA/MH/MIS/291315/2022 dtd 22.02.2023 for Residential Construction project having total plot area 12447.09 Sq.Mtrs. & proposed total Construction BUA 69892.81 Sq.Mtrs.

16. PP shall submit an affidavit in Boards prescribed format within 15 days regarding compliance of C to E & Environmental Clearance.
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	340000.00	MPCB-DR-15918	14/12/2022	NEFT

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pimpri Chinchwad
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide MBBR based Sewage Treatment Plants (STPs) of combined capacity **320 CMD for treatment of domestic effluent of 315 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	357.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1		Acoustic Enclosure	10.00	HSD 100 Ltr/Hr	1	SPM	48 Kg/Day

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm ³
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E	Rs 10 Lakhs	15 Days	Compliance of Consent conditions and EC conditions	upto Commissioning of the Project	upto Commissioning of the Project

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

Conditions during construction phase

A	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
B	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
C	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

This certificate is digitally & electronically signed.





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

To,

The Proprietor
M/S. RENUKA CONSTRUCTIONS
8 Deepplaxmi Building, Power House Chowk, Near Morya Hospital,
Chinchwad, PUNE 411033 -411033

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/MH/MIS/291315/2022 dated 02 Sep 2022. The particulars of the environmental
clearance granted to the project are as below.

1. EC Identification No.	EC23B000MH127887
2. File No.	SIA/MH/MIS/291315/2022
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	N/A
6. Name of Project	Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Construction
7. Name of Company/Organization	M/S. RENUKA CONSTRUCTIONS
8. Location of Project	Maharashtra
9. TOR Date	N/A

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

Date: 22/02/2023

(e-signed)
Pravin C. Darade , I.A.S.
Member Secretary
SEIAA - (Maharashtra)

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

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/291315/2022
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Renuka Construction,
S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P),
Ravet, Pune

Subject : Environmental Clearance for Proposed Residential project at S.No. 108/1, 108/2/1, 108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Construction

Reference : Application no. SIA/MH/MIS/291315/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-3 in its 156th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 255th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

2. Brief Information of the project submitted by you is as below:-

1	Proposal Number	SIA/MH/MIS/291315/2022	
2	Name of Project	Residential project at S. No. 108/1, 108/2/1,108/2/2 + 109/1 (P), Ravet, Pune by M/s. Renuka Constructions	
3	Project category	8 (a), B2	
4	Type of Institution	Private	
5	Project Proponent	Name	M/s. Renuka Constructions
		Regd. Office address	Shop no. 8, deep Laxmi Bldg, Power house chowk, Chinchwad gaon, Pune
		Contact number	020-27614333
		e-mail	renukaconstructions8@gmail.com
6	Consultant	Sneha Hi-Tech Products NABET Accredited Certificate No. NABET/EIA/2124/RA0235 dated 05.04.2022 valid till 15.02.2024	
7	Applied for	New	
8	Details of previous EC	NA, it is a fresh project	
9	Location of the project	S. No. 108/1, 108/2/1,108/2/2 + 109/1 (P), Ravet, Pune	
10	Latitude and Longitude	Latitude: 18°39'3.19"N, Longitude: 73°44'40.47"E	
11	Total Plot Area (m2)	12,447.09	

12	Deductions (m2)	528.86					
13	Net Plot area (m2)	11,918.23					
14	Proposed FSI area (m2)	51,160.38					
15	Proposed non-FSI area (m2)	18,732.43					
16	Proposed TBUA (m2)	69,892.81					
17	TBUA (m2) approved by Planning Authority till date	51,160.38					
18	Ground coverage (m2) & %	3,861.37 (32.39 %)					
19	Total Project Cost (Rs.)	Rs. 170 Cr					
20	CER as per MoEF & CC circular dated 01/05/2018	NA, per Memorandum 22- 65/2017- IA- III dated 25th February 2021					
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					
	Previous EC / Existing Building	Proposed Configuration					
	Building name	Configuration	Height (m)	Building name	Configuration	Height (m)	
				Bldg A to J	B+GP+UP +13 floors	43.85	-
				Clubhouse	G + 1 floor	7.00	-
23	Total number of tenements	Residential: 518 nos. Users: 2590 nos.					
24	Water Budget	Dry Season (CMD)		Wet Season (CMD)			
		Fresh Water	233 KLD	Fresh Water	233 KLD		
		Recycled (Flushing)	117 KLD	Recycled (Flushing)	117 KLD		
		Recycled (Gardening)	7 KLD	Recycled (Gardening)	0 KLD		
		Swimming Pool	--	Swimming Pool	--		
		Total	357 KLD	Total	350 KLD		
		Waste water generation	315 KLD	Waste water generation	315 KLD		
25	Water Storage Capacity for Firefighting / UGT (m3)	Domestic tank		350 cum			
		Fire tank		750 cum			
		Flushing tank		175 cum			
26	Source of water	PCMC/treated water					
27	Rainwater Harvesting (RWH)	Level of the Ground water table:		Summer Season – 13.33 m. to 20.00 m. BGL. (16.67 M. Average)			

			Rainy Season – 5.67 m.to 7.67 BGL. (6.67 M.Average) Winter Season – 9.50 m.to 13.84 m. BGL. (11.67 BGL Average)	
		Size and no of RWH tank(s) and Quantity:	Nil	
		Quantity and size of recharge pits:	6 nos. 1.25 m. X 3.00 m. X 1.75m & 1.25 m. X 3.00 m. X 1.75 m.	
		Details of UGT tanks if any:	--	
28	Sew age and Wastewater	Sewage generation in CMD:	315 KLD	
		STP technology:	MBBR	
		Capacity of STP (CMD):	320 KLD	
29	Solid Waste Management during Construction Phase	Type	Quantity (kg/d)	Treatment / disposal
		Dry waste:	8.75	
		Wet waste:	3.75	
		Total waste	12.5	Utilized on site at maximum extent. Rest handed over to local body
30	Solid Waste Management during Operation Phase	Type	Quantity (kg/d)	Treatment / disposal
		Dry waste:	518 kg/day	Handed over to Authorized Agency
		Wet waste:	777 kg/day	Treated in OWC
		Hazardous waste:	Negligible	
		Biomedical waste	biomedical waste like Mask, Gloves, Face shields etc. (required for Pandemic situation)	Shall be segregated at designated place near OWC and shall be given to authorized vendor for management.
		E-Waste	7 kg/day	Shall be handed over to Authorized recycler for further handling & disposal purpose.

		STP Sludge (dry)	31 kg/day	Used as manure for gardening	
31	Green Belt Development	Total RG area (m2):		1191.82 sq.m	
		Existing trees on plot:		-	
		Number of trees to be planted:		150 nos.	
		Number of trees to be cut:		Nil	
		Number of trees to be transplanted:		Nil	
32	Power requirement:	Source of power supply:		MSEDCL	
		During Construction Phase (Demand Load):		160 kVA	
		During Operation phase (Connected load):		3535 kVA	
		During Operation phase (Demand load):		1890 kVA	
		Transformer:		3 x 630 kVA	
		DG set:		1 X 500 kVA	
		Fuel used:		HSD	
33	Details of Energy saving	Total energy savings: 24.25 %			
34	Environmental Management plan budget during Construction phase	Type	Details	Cost	
		Capital	Site Barricading, Personal Protective Equipment, Site Sanitation- Mobile toilets & Debris Management	0.78	
		O&M	Water for Dust Suppression	0.14	
			Site Sanitation, Disinfection & Safety	3.02	
			Environmental Monitoring	2.0	
			Health Check up	0.72	
			Environment Management Cell	8.4	
		Total	14.28		
35	Environmental Management plan Budget during Operation phase	Component	Details	Capital (Rs.)	O&M (Rs./Y)
		Sewage treatment	STP Operation and its maintenance	130.66	21.45
		RWH & Storm water	Recharging existing		

	ground water table, SWD	- 7.5	0.3
	Connection to external line		
Solid Waste	Collection Segregation and management of MSW	18.5	4.57
Hazardous waste	NA	-	-
E-waste	Collection Segregation and hand over to authorized vendors	Included in Solid waste	
Green belt development	Plantation of new trees and maintenance of existing trees	17.35	2.00
Energy saving	Energy Saving measures	94.97	4.74
Environmental Monitoring	To monitor sustainability of Environmental Infrastructure	--	3.00
Environment Management Cell	--	-	6.48
Disaster Management	Emergency preparedness plan to	101.45	25

			develop and implement on site		
		Total		370.43	67.54
36	Traffic Management	Type	Required as per DCR	Actual Provided	Area per parking (m2)
		4-Wheeler	279	279	25-35
		2-Wheeler	559	559	-
37	Details of Court cases/litigations w.r.t. the project and project location if any.	No			

3. Proposal is a new construction project. Proposal has been considered by SEIAA in its 255th (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to abide all the conditions of fire NoC.
2. It is noted that, the project will be completed in phases, PP to provide mitigation measures for the dust & noise pollution.
3. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places. 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.

B. SEIAA Conditions-

1. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
2. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
3. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
4. SEIAA after deliberation decided to grant EC for – FSI –51,160.38 m2, Non FSI- 18,732.43 m2, Total BUA- 69,892.81 m2. (Plan approval No.BP/EC/Ravet/11/2022, dated-01.08.2022).

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.

- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XVIII. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and

conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.

- XIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely

circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in


- XII. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- XIII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIV. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
- II. If applicable "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies

that Forestry & Wild life clearance granted to the project which will be considered separately on merit.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.
6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Pravin Darade
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Pune.
6. Commissioner, Pimpri Chinchwad Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Pune.