

ENVIRONMENTAL
CLEARANCE



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

To,

The Director
M/S. KARTIK REALTORS PVT. LTD.
Shivajinagar, Pune 411016 -411016

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/241684/2021 dated 02 Dec 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC22B038MH158734 |
| 2. File No. | SIA/MH/MIS/241684/2021 |
| 3. Project Type | New |
| 4. Category | B2 |
| 5. Project/Activity including Schedule No. | 8(a) Building and Construction projects |
| 6. Name of Project | Proposed Project at Vadgaon Sheri by M/s. Kartik Realtors Pvt. Ltd. |
| 7. Name of Company/Organization | M/S. KARTIK REALTORS PVT. LTD. |
| 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: 31/03/2022

(e-signed)
Manisha Patankar Mhaiskar
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/241684/2021
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Kartik Realtors Pvt. Ltd.,
Survey No. 29A/1/3/3/1, Village - Vadgaon Sheri,
Taluka - Haveli, District - Pune

Subject : Environmental Clearance for Proposed construction Project at Survey No. 29A/1/3/3/1 Village - Vadgaon Sheri, Taluka - Haveli, District - Pune by M/s. Kartik Realtors Pvt. Ltd

Reference : Application no. SIA/MH/MIS/241684/2021

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-3 in its 134th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 240th (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/241684/2021	
2.	Name of Project	Proposed Project at Survey No. 29A/1/3/3/1 Vadgaon Sheri by M/s Kartik Realtors Pvt. Ltd	
3.	Project category	Schedule 8(a) Category B2	
4.	Type of Institution	Private	
5.	Project Proponent	Name	Mr. Vedprakash S .Bulland M/s Kartik Realtors Pvt. Ltd
		Regd. Office address	Pride House, 5th floor, Near Pune University Circle, Shivajinagar, Pune, Maharashtra. Pin no. 411016
		Contact number	7757000201
		e-mail	vedbulland@gmail.com
6.	Applied for	New	
7.	Details of previous EC	NA	
8.	Location of the project	Survey No. 29A/1/3/3/1 Village - Vadgaon Sheri, Taluka - Haveli, District - Pune, State - Maharashtra 411014	
9.	Latitude and Longitude	Latitude- 18°33'23.79"N	
		Longitude- 73°54'32.06"E	
10.	Total Plot Area (m2)	5700	

11.	Deductions (m2)	1217.98				
12.	Net Plot area (m2)	4482.02				
13.	Proposed FSI area (m2)	28447.14				
14.	Proposed Non-FSI area (m2)	10386.58				
15.	Proposed TBUA (m2)	38833.72				
16.	TBUA (m2) approved by Planning Authority till date	As per IOD				
17.	Total Project Cost (Rs.)	750000000				
18.	CER as per MoEF & CC circular dated 01/05/2018	Activity	Location	Cost (Rs.)	Duration	

19.	Details of Building Configuration : <Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh>				Reason for Modification / Change	
	Previous EC / Existing Building		Proposed Configuration			
	Building Name	Configuration	Height (m)	Building Name		Configuration
	-	-	-	Building 1 Residential		B1 + GR + 7 Floors
	-	-	-	Building 2 Commercial		B1 + B2 + GR + 1st Floor + 2nd Floor/Podium + 3rd to 17th Floor
20.	Total number of tenements	30 Residential Tenements and 203 Commercial Units				
21.	Water Budget	Dry Season (CMD)		Wet Season (CMD)		
		Fresh Water	92.75	Fresh Water	92.75	
		Recycled	72.84	Recycled	70.15	
		Swimming Pool	0.00	Swimming Pool	0.00	
		Flushing	70.15	Flushing	70.15	
		Total	165.59	Total	162.90	
		Waste water generation	146.61	Waste water generation	146.61	
22.	Water Storage Capacity for Firefighting / UGT	As per NOC				
23.	Source of water	PMC				
24.	Rainwater Harvesting (RWH)	Level of the Ground water table		15-20m		
		Size and no of RWH tank(s) and		N.A.		

		Quantity	
		Quantity and size of recharge pits	Quantity: 4 Nos & Size: 2mX2mX2m
		Details of UGT tanks if any	Domestic 140 Flushing 75 Fire As per NOC
25.	Sewage and Waste water	Sewage generation in CMD	146.61
		STP technology	MBBR
		Capacity of STP (CMD)	150
26.	Solid Waste Management during Construction Phase	Type	Quantity (kg/d)
		Dry waste	3
		Wet waste	2
		Construction waste	5
			Treatment / disposal
			Through authorized agency
			Through authorized agency
			Through authorized agency
27.	Solid Waste Management during Operation Phase	Type	Quantity (kg/d)
		Dry waste	347
		Wet waste	204
		Hazardous waste	Negligible
		Biomedical waste	N.A.
		E-Waste	8.89
		STP Sludge (dry)	13.50
			Treatment / disposal
			Handed over to Authorized Agency
			In-situ Composting
			Negligible
			N.A.
			Handed over to Authorized Dismantler / Recycler
			In-situ Composting
28.	Green Belt Development	Total RG area (m2)	448.20
		Existing trees on plot	77
		Number of trees to be planted	56
29.	Power requirement	Source of power supply	MSEDCL
		During Construction Phase (Demand Load)	70 kW
		During Operation phase (Connected load)	1984 kW
		During Operation phase (Demand load)	834 kW
		Transformer	630 kVA X 1 Nos. + 315 kVA X 1 Nos..
		DG set	320 kVA X 2 Nos.
		Fuel used	HSD
30.	Details of Energy saving	<p>Most of the common area & external lighting are proposed to work on high energy efficient lamps(LED) as specified in bureau of energy efficiency which again results in saving in general consumption Low loss Transformers due to which 6.22% losses are saved against conventional transformer.</p> <p>Power Capacitors are proposed for load power factor correction and to maintain a healthy power situation. This also results in less demand load factor for the project.</p> <p>Solar PV, Hot Water, Solar Street Lights, Energy Efficient Motors are</p>	

		proposed				
31.	Environmental Management plan budget during Construction phase	No.	Details		Cost	
		1	Water for Construction, Labour & Dust Suppression		Rs. 4 Lacs	
		2	Site Sanitation & Health & Safety PPE Kits		Rs. 3 Lacs	
		3	Environmental Monitoring		Rs. 4 Lacs	
		4	Disinfection & Health & Safety		Rs. 3 Lacs	
		5	Health Check up		Rs. 3 Lacs	
32.	Environmental Management plan Budget during Operation phase	Component	Details		Capital (Rs. In Lacs)	O&M (Rs. In Lacs/Yr)
		Sewage treatment	Waste Water Management		24.4	14.64
		RWH	RWH Pits		3.00	0.6
		Solid Waste	Organic Waste Composting		5.00	1.5
		Green belt development	Tree Plantation		7.5	1.2
		Energy saving	Energy Conservation		10.00	1.00
		Environmental Monitoring	Pollution Control		0	6
		Disaster Management	Fire & LA		91.54	4.58
		PPE Kits Health & Safety	Biomedical Waste Management		0	1
33.	Traffic Management	Type	Required as per DCR	Actual Provided	Parking Area (m ²)	
		4-Wheeler	206	213	As per DCR	
		2-Wheeler	435	436		
		Bicycles	0	0		
34.	Details of Court cases / litigation w.r.t. the project and project location if any	NA				

3. Proposal is a new construction project. Proposal has been considered by SEIAA in its 240th (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 obtain tree Cutting NOC as per provisions of Law.
2. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

3. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker non potable water for proposed construction.
4. The Planning authority to ensure that Occupation Certificate Shall not be granted to the Project till sustainable water supply is ensured.

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-28325.65 m², Non-FSI-8741.71 m², Total BUA-37067.36 m². (Plan approval-CC/3979/21, dated 21.03.2022).

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. 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.
- XVII. 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.
- XVIII. 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.
- XIX. 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.
- XX. 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 <http://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

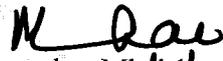
parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

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.


Manisha Patankar-Mhatiskar
(Member Secretary, SEIAA) 24/3/2022

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, Pune Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Pune.

