

ENVIRONMENTAL  
CLEARANCE



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

To,

The OWNER  
RAINBOW ASSOCIATES  
S NO 73 PANDURANG NAGER E ON IT PARK OLD TRADE CERTER  
PUNE KHARADI PUNE 411014 -411014

**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/289265/2022 dated 20 Aug 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B000MH110750
2. File No.	SIA/MH/MIS/289265/2022
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	N/A
6. Name of Project	Commercial Construction Project at Kharadi
7. Name of Company/Organization	RAINBOW ASSOCIATES
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: 11/04/2023

(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.*

*This is a computer generated cover page.*

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## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/289265/2022  
Environment & Climate Change Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.

To  
M/s. Rainbow Associates  
Survey No. 75/2/1 (P), Kharadi,  
Tal -Haveli Dist Pune

Subject: Environmental Clearance for Commercial Construction Project at  
Survey No. 75/2/1 (P), Kharadi, Tal -Haveli Dist Pune by Rainbow  
Associates

Reference: Application no. SIA/MH/MIS/289265/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-3 in its 155<sup>th</sup> meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 257<sup>th</sup> meeting (Day-2) of State Level Environment Impact Assessment Authority (SEIAA) held on 03.03.2023.

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

1	Proposal Number	SIA/MH/MIS/289265/2022	
2	Name of Project	Commercial Construction Project at Kharadi by Rainbow Associates	
3	Project category	8a (B2)	
4	Type of Institution	Private	
5	Project Proponent	Name	Rainbow Associates
		Registered office address	Survey No. 73, Pandurang Nagar, EON IT Park, Old Trade Center Pune, Kharadi, Pune 411014.
		Contact Number	9822381783
		e-mail	malharpolicy@gmail.com
6	Consultant	EMP Consultant: Oasis Environmental Foundation, Accredited vide certificate no. NABET/EIA/1922/RA0199 (The scope of consultancy is limited only to preparation of Environmental Management Plan in accordance with EIA amendment notification dated 3rd March 2016)	
7	Applied for	Fresh EC	

8	Details of previous EC			One Old Bungalow of 185 sqm area exists on site. This bungalow will be demolished in the new construction phase. One Commercial Building is proposed on site			
9	Location of the project			Survey No. 75/2/1 (P), Kharadi, Tal -Haveli Dist Pune -411014			
10	Latitude and Longitude			Latitude: 18°32'55.40"N Longitude: 73°57'1.10"E			
11	Total Plot Area (m2)			3600.00			
12	Deductions (m2)			998.72			
13	Net Plot area (m2)			2601.28			
14	Proposed FSI area (m2)			15165.95			
15	Proposed Non FSI area (m2)			6834.05			
16	Total BUA (m2)			22000.00			
17	TBUA (m2) approved by Planning Authority till date			2861.30 (Sanction dated 10/05/2021)			
18	Ground coverage (sqm) & %			1045 (40%)			
19	Total Project Cost (Rs.)			INR 74 Crore			
20	CER as per MoEF& CC circular dated 01/05/2018			Activity	Location	Cost (Rs.)	Duration
	CER Activity will be done as and if required as directed by SEAC.						
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>						
	Previous EC/Existing Building			Proposed Configuration			Reason for Modification
	Bldg. Name	Configuration	Ht. (m)	Bldg. Name	Configuration	Ht. (m)	/Change
	N.A.	N.A.	N.A.	1	3 Basements + Ground + 13 Floors	48.90	Not Applicable as it is Fresh Proposal
22	Total No. of Tenements			11,341.11(Area in SQM)			
23	Water Budget			Dry Season (KLD)		Wet Season (KLD)	
				Fresh Water	29	Fresh Water	29
				Recycled	26	Recycled	26
				Swimming pool	....	Swimming pool	....
				Flushing	25	Flushing	25
				Total	80	Total	80

		Waste water generation	51	Waste water generation	51
24	Water Storage Capacity for Firefighting / UGT	UGT (Commercial) Domestic tank : 26 KLD Fire water tank : 200 KLD Flushing tank : 25KLD OHT Fire water tank : 20KLD Domestic tank : 15KLD Flushing tank : 13 KLD			
25	Source of water	Pune Municipal Corporation			
26	Rainwater Harvesting (RWH)	Level of the Ground Water	Pre Monsoon: 10 m Post Monsoon: 4 m		
		Size and no of RWH tank(s) and Quantity:	NA. No tank is proposed		
		Quantity and size of recharge pits:	Total 2 pits. Dimensions: 2.5 m x 2.5 m x 1.75 Depth		
		Details of UGT tanks if any:	As per point no. 24		
27	Sewage and Waste water	Sewage Generation (KLD)	51 KLD		
		STP technology	MBBR		
		Capacity of STP (KLD)	55 KLD		
28.	Solid Waste Management during construction phase	Type	Quantity	Treatment / Disposal	
		Dry Waste	12 Kg/d	Through authorized vendor	
		Wet waste	18 Kg/d	Organic waste composter	
		Construction waste	1% of raw material	For filling on same site	
29.	Solid waste Management	Type	Quantity	Treatment / Disposal	
	during Operation phase	Dry Waste Kg/day	140	Through authorized vendor	
		Wet waste Kg/day	70	Organic waste composter	
		Hazardous waste	NA	NA	

		E- waste Kg/year	1370	Through authorized vendor
		STP sludge Kg/day	10	Organic waste composter
30.	Green Belt Development	Total RG area (m2)	...	
		Existing trees on plot	Nil	
		Number of trees to be planted	32	
		Number of trees to be cut	N.A.	
		Number of trees to be transplanted	N.A.	
31.	Power requirement	Source of power supply	MSDCL	
		During Construction Phase (Demand Load)	75 kW	
		During Operation phase (Connected load)	1609 kW	
		During Operation phase (Demand load)	1190 kW	
		Transformer	630 KVA x 2 No.	
		DG set	625 KVA x 2 No.	
		Fuel Used	Diesel	
32.	Details of Energy Savings	Details	Savings (kWh)	
		Solar water Heater & PV panels	NA	
		Using Energy Conventional Measures	264.32 kWh	
33	Environmental Management plan budget during construction phase	Type	Details	Cost (Lakh)
		Capital	Erosion control, Site Safety, Site Sanitation, Disinfection & Health check up, Environmental Monitoring	48

		O & M cost	Erosion control Site Safety, Site Sanitation, Disinfection & Health check up Environmental Monitoring		3.84
34	Environmental Management plan budget during construction phase	Component	Details	Capital Cost (Lakh)	O & M Cost (Lakh)
		Sewage Treatment	Installation of STP	42.00	6.00
		RWH	Bore holes and pits	3.00	1.00
		Storm Water	Network upto final disposal pt	10.00	1.00
		Solid waste	OWC Machine	7.00	2.00
		Landscape	--	8.00	2.00
		Solar Light & Solar PV	--	23.00	2.00
		Environmental Monitoring	Monitoring and analysis of air, water, soil & noise	2.00	3.00
		Disaster Management plan	Fire Fighting System	431.00	9.00
		Total		526.00	26.00
35.	Traffic Management	Type	Required as per DCR	Provided	Area of parking (m2)
		4-Wheeler	12.5	236	2950
		2-Wheeler	3.0	256	768
36	Details of Court cases/ litigations w.r.t. the project and project location if any	Project proponent states that there is no pending litigation against project.			

3. Proposal is a new construction project. Proposal has been considered by SEIAA in its 257<sup>th</sup> meeting (Day-2) 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. It is noted that, the project will have the potable water through tankers; PP to add this information in his all documents like RERA, Advertisement of the project, agreement etc. Also PP to submit the water tanker agreement. Local body to ensure that, No Occupation Certificate should be issued unless project have sustainable water supply.
2. PP to relocate the flowering plants proposes to be plant near STP.
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 area -14658.93 m<sup>2</sup>, Non FSI area – 6834.05 m<sup>2</sup> and total BUA – 21492.98 m<sup>2</sup>. (Plan approval No. Zone 1/5967 dated 28.12.2022) (FSI restricted as per approval & Non FSI restricted as per appraisal)

**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](http://parivesh.nic.in)
- XII. 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.
- XIII. 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<sub>2</sub>, NO<sub>x</sub> (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, 1<sup>st</sup> 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, Pune Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Pune