ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

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

To,

The -1

GLORYFORGE BUILDERS LLP

Flat no. 101, Plorais Building, Near Noble Hospital, Hadapsar, Pune, 411028 -411028

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/INFRA2/435463/2023 dated 03 Jul 2023. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC24B038MH191893**
2.	**File No.**	SIA/MH/INFRA2/435463/2023
3.	**Project Type**	New
4.	**Category**	B
5.	**Project/Activity including Schedule No.**	8(a) Building and Construction projects
6.	**Name of Project**	Environmental Clearance for Proposed SRA Project
7.	**Name of Company/Organization**	GLORYFORGE BUILDERS LLP
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: 08/02/2024

(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/INFRA2/435463/2023
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Glory Forge Builders LLP,
Sr. No. 204(P), CTS no. 2146 (P),
Nagar Road, Yerwada, Tal- Haveli,
Dist-Pune.

Subject : Environmental Clearance for Proposed SRA Project at old Sr. No. 204(P), CTS no. 2146 (P), Nagar Road, Yerwada, Tal- Haveli, Dist-Pune by M/s. Glory Forge Builders LLP.

Reference : Application no. SIA/MH/INFRA2/435463/2023

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-3 in its 185th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 273rd (Day-3) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 5th January, 2024.

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

1.	Proposal Number	SIA/MH/INFRA2/435463/2023	
2.	Name of Project	Environmental Clearance for Proposed SRA Project at old Sr. No. 204(P), CTS no. 2146 (P), Nagar Road, Yerwada, Tal- Haveli, Dist-Pune by M/s. Glory Forge Builders LLP.	
3.	Project category	8(a), B2 Building & construction project	
4.	Type of Institution	Private	
5.	Project Proponent	Name	Mr. Ankit Chhajed
		Regd. Office address	Sr. no. 151/18A, 151/22, Floor no. 101, Polaris Building, Near Noble Hospital, Hadapsar, Pune 411028
		Contact number	9764212917
		e-mail	ecgloryforge@gmail.com
6.	Consultant	Sneha HI-Tech Products	
7.	Applied for	New project	
8.	Details of previous EC	NA	
9.	Location of the project	Old Sr. No. 204(P), CTS no. 2146 (P), Nagar Road, Yerwada, Tal- Haveli, Dist-Pune	
10.	Latitude and Longitude	Latitude: 18°33'20.74"N, Longitude: 73°54'21.94"E	
11.	Total Plot Area (m^2)	5,511.71 Sq.m	
12.	Deductions (m^2)	1,192.16 Sq.m	
13.	Net Plot area (m^2)	4,319.55 Sq.m	
14.	Proposed FSI area (m^2)	24,254.92 Sq.m	
15.	Proposed non-FSI area (m^2)	17,252.95 Sq.m	
16.	Proposed TBUA (m^2)	41,507.87 Sq.m	

17.	TBUA (m^2) approved by Planning Authority till date					IOD in process.		
18.	Ground coverage (m^2) & %					2,104.02 sqm (48.71% of total plot area)		
19.	Total Project Cost (Cr)					Rs. 136 Cr		
20.	CER as per MoEF& CC circular dated 01/05/2018					--		
21.	Details of Building Configuration:							Reason for Modification / Change
	Previous EC / Existing Building			Proposed Configuration				
	Building Name	Configuration	Height (m)	Building Name	Configuration		Height (m)	This is a new project
	This is a new project			Wing A	B2+B1+LG+UG+Mezzanine+Service slab+21 Floors		69.90	
				Wing B	LG+UG+P1+15 Floors		48.45	
22.	Total number of tenements			Residential: 325 flats , Commercial: Shops 62 nos.				
23	Total number of Population			Residential: 1,625 nos. , Commercial: 407 nos. Total Population: 2,032 nos.				
24.	Water Budget	Dry Season (CMD)			Wet Season (CMD)			
		Fresh Water	156		Fresh Water		156	
		Recycled (Gardening)	6		Recycled (Gardening)		00	
		Flushing	81		Flushing		81	
		Swimming pool	01		Swimming pool		00	
		Total	244		Total		237	
		Wastewater generation	213		Wastewater generation		213	
25.	Water Storage Capacity for Firefighting / UGT				Firefighting - Underground water tank: 200 m^3, OHT - 40 m^3			
26.	Source of water				Pune Municipal Corporation			
27.	Rainwater Harvesting (RWH)	Level of the Ground water table:			Summer Season – 8 to 9 meter BGL Winter Season – 3 to 4 meter BGL			
		Size and no of RWH tank(s)			NA			
		Quantity and size of recharge pits:			No. of recharge pits: Total 3 Nos. (2 for Surface runoff and 1 Roof top runoff)			
		Details of UGT tanks if any:			NA			
28.	Sewage and Wastewater	Sewage generation in CMD:			213			
		STP technology:			MBBR			
		Capacity of STP (CMD):			230			
29.	Solid Waste Management during Construction Phase	Type	Quantity (kg/d)		Treatment / disposal			
		Dry waste:	8 kg/day		The maximum construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads.			
		Wet waste:	12 kg/day					
		Total waste	20 kg/day					
30.	Solid Waste Management during Operation Phase	Type	Quantity (kg/d)		Treatment / disposal			
		Dry waste:	386 kg/d		Handed over to authorize recycler for further handling & disposal purpose.			
		Wet waste:	528 kg/d		Wet waste will be treated in onsite organic waste converter machine.			
		Hazardous waste:	NA		NA			
		Biomedical waste	NA		NA			
		E-Waste	6 kg/day		Handed over to authorize recyclers for			

				further handling & disposal purpose.
		STP Sludge (dry)	32.4 kg/day	Will be used as manure
31.	Green Belt Development	Total RG area (m^2):		431.96
		Existing trees on plot:		17
		Number of trees to be planted:		54
		Number of trees to be cut:		3
		Number of trees to be transplanted:		00
32.	Power requirement:	Source of power supply:		MSEDCL
		During Construction Phase (Demand Load):		100 KVA
		During Operation phase (Connected load):		2,190 KVA
		During Operation phase (Demand load):		1,260 KVA
		Transformer:		2 x 630 KVA
		DG set:		1 x 380 KVA, 1 x 62.5 KVA
		Fuel used:		HSD
33.	Details of Energy saving			Energy saving due to solar 5 % of demand load

34.	Environmental Management plan budget during Construction phase	Type	Details	Cost
		Air Environment	Erosion control – dust suppression measures, barricading and top soil preservation	4.25
		Land	Labour Camp toilets & sanitation	4.80
		Health and Safety	Labour Safety Equipment's and training	4.00
		Health facility	Disinfection and Health Check-ups	0.72
		Environment Management	Environment management cell	1.70
		Environment Management	Environmental Monitoring	1.85

35.	Environmental Management plan Budget during Operation phase	Component	Details	Capital (Rs.)	O&M (Rs./Y)
		Sewage Treatment Plant	Sewage Treatment Plant	22,00,000	2,50,557
		Solid Waste Management	Solid Waste Management	16,70,000	2,30,000
		Bio-medical Waste Management	Bio-medical Waste Management	-	1,00,000
		Landscaping	Landscaping	14,30,000	4,56,816
		Rainwater Harvesting	Rainwater Harvesting	3,00,000	Rs 45,000
		Environmental Monitoring	Environmental Monitoring	-	3,00,000
		Solar Hot water & Solar PV system	Solar Hot water & Solar PV system	54,35,400	2,71,770
		Lightening Arrester Cost	Lightening Arrester Cost	2,80,000	-
		Environment Management Cell	To monitor sustainability of Environmental Infrastructure	-	9,60,000
		Disaster Management	Emergency preparedness plan to develop and implement on site	84,30,000	15,00,000
		Biomedical Waste Management	Handling segregation and management of waste like mask, shields, PPE kits etc.	-	1,00,000

		e-waste	Charges of authorized vendors	-	30,000	
36.	Traffic Management	Type	Required as per DCR	Actual Provided	Total parking Area(m^2)	
		4-Wheeler	146	197	12.5	
		2-Wheeler	630	640	2	
37.	Details of Court cases / litigations w.r.t. the project and project location if any.					NA

The proposal has been considered by SEIAA in its 273nd (Day-3) meeting held on 5th January, 2024 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 submit copy of IoD.
2. PP to submit details of mitigation measures wherever fire tender is unable to reach, especially for rehab building.
3. Debris disposal details be submitted
4. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy, 2021.
5. PP to ensure that, the water proposed to be used for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

B. SEIAA Conditions-

1. PP has provided mandatory RG area of 431.95 m2 on mother earth without any construction. Local planning authority to ensure the compliance of the same.
2. 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.
3. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
4. 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.
5. SEIAA after deliberation decided to grant EC for-FSI- 24,254.92 m2, Non FSI- 17,252.95 m2, total BUA- 41,507.87 m2. (Plan approval No- SRA/47/2024 Dated 04/01/2024)

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 give100 % 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. 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. SO2, NOx (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.

3. 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.

4. 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.

5. 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.

6. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.

7. 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.

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