

CIDCO/EE (MHP-IV)/2023/ 115/E-189926

Date: 28.02.2023

Sub : Construction of approximately 22973 Nos. of EWS/LIG dwelling units (Package IV) with development of commercial area & onsite infrastructure works at various locations, viz. Bamandongri Station, Kharkopar station (West), Kharkopar station (East) & Taloja Sector 39, Navi Mumbai.
C.A. No 03/CIDCO/CE (SP)/2019-20

Publishing of Environmental Clearance Certificate on CIDCO's web site.

The State Environmental Impact Assessment Authority (SEIAA), Maharashtra has accorded Environmental Clearance (EC) for above subject work vide No. SIA/MH/MIS/1245100/2021 dated 17/08/2022 for proposed Pradhan Mantri Awas Yojana (PMAY) housing scheme at Plot No. 01, Sector 8A, near Kharkopar Railway Station, Ulwe Node, Navi Mumbai, Taluka-Panvel, District-Raigad .

The copy of the same is enclosed herewith for your reference. System Manager is requested to upload these certificate on CIDCO's website for public viewing at the earliest.

Encl: As above

Sharma
28/2/2023

Executive Engineer (MHP-IV)

Through: S.E. (HSG-III)

Rahulu
28/2/2023

To,

System Manager

*Pl scan and Publish
on website.*

3/3/2023

Annita / Ann.

SE (HSG-III)

572.F.O-18226

Inward No. 28.02.23

SYSTEM DEPARTMENT
CIDCO/SD/SM 290
Inward No.....
SAP No. 189926
Date. 01/03/2023

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 Superintending Engineer (HSG & AP-I)
CIDCO

NMIA Office, 3rd floor, Tower no. 10, Belapur Station complex, CBD
Belapur, Navi Mumbai. -400614

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/245100/2021 dated 15 Dec 2021. The particulars of the environmental
clearance granted to the project are as below.

- | | |
|---|---|
| 1. EC Identification No. | EC22B038MH143203 |
| 2. File No. | SIA/MH/MIS/245100/2021 |
| 3. Project Type | Expansion |
| 4. Category | B2 |
| 5. Project/Activity including
Schedule No. | 8(a) Building and Construction projects |
| 6. Name of Project | Pradhan Mantri Awas Yojana (PMAY)
Housing Scheme at Plot No. 1, Sector 8A,
Kharkopar Railway Station (West),
Village: Gavhan, Ulwe Node, Navi
Mumbai, Taluka: Panvel, District: Raigad,
State: Maharashtra, India. |
| 7. Name of Company/Organization | CIDCO |
| 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: 17/08/2022

(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/245100/2021
 Environment & Climate
 Change Department
 Room No. 217, 2nd Floor,
 Mantralaya, Mumbai- 400032.

To
 CIDCO,
 Plot No. 1, Sector 8A, Kharkopar Railway Station (West),
 Village: Gavhan, Ulwe Node, Navi Mumbai, Taluka: Panvel,
 District: Raigad.

Subject : Environmental Clearance for Pradhan Mantri Awas Yojana (PMAY)
 Housing Scheme at Plot No. 1, Sector 8A, Kharkopar Railway Station
 (West), Village: Gavhan, Ulwe Node, Navi Mumbai, Taluka: Panvel,
 District: Raigad, State: Maharashtra, India by CIDCO

Reference : Application no. SIA/MH/MIS/245100/2021

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 169th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 247th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr. No.	Description	Details				
1.	Plot Area (sq.mt.)	18,056.03 Sq. mt.				
2.	FSI Area (sq.mt.)	27,920.20 Sq. mt.				
3.	Non FSI Area (sq.mt.)	21,285.18 Sq. mt.				
4.	Proposed built-up area (FSI + Non FSI) (sq.mt.)	49,205.38 Sq. mt.				
5.	Earlier EC details with Total Construction area, if any	<ul style="list-style-type: none"> Received 1st EC dated 30.03.2020 from SEIAA, Maharashtra for total Construction built up area of 1,54,395.87 Sq. mt. Reapplied for Environmental Clearance due to changes in plot area and planning 				
6.	Construction completed as per earlier EC (FSI + Non FSI) (sq.m.)	No construction started on site till date.				
7.	Building Configuration	<table border="1"> <thead> <tr> <th>Building Configuration</th> <th>Details</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Building Configuration	Details		
Building Configuration	Details					

45

8.	No. of Tenements & Shops	8 Buildings: Ground + 14 Floors each	896 Nos.
		Community Center: Ground Floor	1 No.
9.	Total Population	3584	
10.	Total Water Requirements (CMD)	492 CMD	
11.	Sewage generation (CMD)	468 CMD (Grey water: 307 CMD & Black water: 161 CMD)	
12.	STP capacity and Technology	Provision of 2 STP's of total capacity 550 KL. Technology: Moving Bed Bio Reactor (MBBR) Technology	
13.	STP location	Underground	
14.	Total Solid Waste Quantities	Non-biodegradable waste: 968 Kg/day Biodegradable waste: 645 Kg/day Total: 1613 Kg/day	
15.	R.G. Area in sq.m.	RG required: 2708.40 Sq. mt. RG provided on ground: 2871.54 Sq.mt.	
16.	Power requirement	During Operation Phase: Connected load (kW): 2557 kW Maximum demand (kW): 1705 kW	
17.	Energy Efficiency	Total Energy Saving: 24.80% Energy saving with the help of Solar: 5.19%	
18.	DG set capacity	2 DG sets of capacity 100 kVA each 2 DG sets of capacity 140 Kva each 2 DG sets of capacity 250 kVA each	
19.	Parking 4W & 2W	4-Wheeler: 246 Nos. 2-Wheeler: 27 Nos.	
20.	Rain water harvesting scheme	Provision of 2 Rain water harvesting tank of total capacity 260 KL	
21.	Project Cost in (Cr.)	176.33 Cr.	
22.	EMP Cost	Construction Phase: Rs. 83.88 Lacs Operation Phase: Capital cost: Rs. 239.81 Lacs Operational and Maintenance cost: Rs. 13.66 Lacs/annum	
23.	CER Details with justification if any...	--	
24.	Details of Court Cases/ litigations w.r.t the project and project location, if any.	No litigation is pending against the project or land	

The Comparative Statement showing details of project vis-à-vis earlier EC is as below:

COMPARATIVE STATEMENT – AREA DETAILS

Description	EC received dt. 31.03.2020	Seeking Expansion in EC	Remarks
Total Plot Area (sq.mt)	72,656.88	18,056.03	Proposed decrease by 54,600.85 sq. mt. as per Site demarcation plan received from CIDCO dt. 29.06.2021
Requirement of Recreational Ground (RG area) (Sq. mt.)	10,898.53 (15%)	2,708.40 (15%)	Proposed decrease by 8,190.13 sq.mt. due to decrease in plot area
Provision of Recreational Ground (RG) Area (Sq.mt.)	11,687.43 (16%)	2,871.54 (16%)	Provision of Recreational Ground (RG) Area as per requirement
Permissible Built – up area Including Fungible Area (sq.mt)	1,54,395.87	38,369.07	Proposed decrease by 1,16,026.80 sq.mt due to decrease in plot area
Proposed Built-up Area as per FSI Including Fungible Area (sq.mt)	71,919.35	27,920.20	Proposed decrease by 43,999.15 sq.mt as per decrease in permissible built-up area
Built up Area as per Non FSI (sq.mt)	82,476.52	21,285.18	Proposed decrease by 61,191.34 sq.mt. due to change in planning.
Total Construction Built up Area (sq.mt)	1,54,395.87	49,205.38	Proposed decrease by 1,05,190.49 sq.mt.

COMPARATIVE STATEMENT – PROJECT PROPOSAL

As per EC received dt. 31.03.2020	Seeking Expansion in EC	Remarks / Status of construction
22 no. of Towers: Ground + 11 floors each 2 no. of Towers: Ground + 10 floors each	8 nos. of Buildings: Ground + 14 floors each	Buildings: Proposed decrease by 16 no. Floors: Proposed increase by 3 floors
Community / Fitness centre:	Community Centre: Ground	No change

Ground			
Multi-Level Car Parking: Ground + 3 floors		Multi-level car parking not proposed now.	
Bus Shelter & Auto Rickshaw Waiting Bay		Bus shelter and auto rickshaw waiting bay not proposed now.	
Flats : 2060 Nos. Shops	Flats: 896 nos.	Flats: Proposed decrease by 1164 nos. Shops not proposed now.	
COMPARATIVE STATEMENT - ENVIRONMENTAL PARAMETERS			
Description	As per EC received dt. 31.03.2020	Seeking Expansion in EC	Remarks
Occupancy (Nos.)	8387	3584	Proposed decrease by 4803 nos. due to decrease in flats numbers and removal of shops
Total Water Requirement (KLD)	1195	492	Proposed decrease by 703 KLD due to decrease in occupancy
Sewage Generation (KLD)	970	468	Proposed decrease by 502 KLD due to decrease in water requirement
1. Solid Waste z Generation (kg/day)	3723	1613	Proposed decrease by 2110 kg/day due to decrease in occupancy

3. Proposal is an expansion of existing construction project. Project had received earlier EC vide letter No. SIA/MH/MIS/51530/2019 dated 31.03.2020 for total plot area of 72656.88 m², FSI area 7191935 m², and Total BUA of 154395.87 m². Proposal has been considered by SEIAA in its 247th (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 submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
2. PP to obtain following NOCs as per revised planning: a) Final CFO NOC; b) Tree NOC.
3. PP to relocate DG sets proposed in RG area.
4. PP to relocate parking proposed on Grey water treatment plant.

5. Planning authority to ensure that assured water supply, sewer and storm water network are made available in the vicinity of the project before issuing occupation certificate to the project.
6. PP to submit certified six-monthly compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.

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 27920.20 m², Non FSI area of 21285.18 m² and Total BUA of 49205.38 m². (Plan approval No. CIDCO/SR. Arch(BP-IHP-120/2021/598/E-81213 -14.12.2021).

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 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

117

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.

M. Patankar
Manisha Patankar-Mhasikar
(Member Secretary, SEIAA) 16/9/2022

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, Raigad.
6. Commissioner, Navi Mumbai Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Navi Mumbai.