

CHANDIGARH HOUSING BOARD

A Chandigarh Administration Undertaking

Subject: Uploading of Environment Clearance (EC) conditions-Reg.

PUC is the letter F. No. 4/1/2021-IA-III (E-148683) dated 04.08.2021 of the Government of India, Ministry of Environment, forest and climate change, (IA, III Division) may kindly be pursued. Vide para 3 of said letter it was requested that all the projects, proponents are requested to upload the desire information alongwith the copy of EC letter(s) (PDF format) in the given format within a period of two weeks, after which progress on the same shall be reviewed in the Ministry. It is also mentioned that in case of any technical issue, user may register their components through "complaint" button on Parivesh.

In this regard, it is submitted that Member Secretary, SEIAA, Chandigarh accorded necessary Environment Clearance (EC) to the Chandigarh Housing Board for the proposed construction of UT Employees Housing Scheme at Sector 53, Chandigarh, under Category-8(a) of EIA notification, 2006 vide No. SA-ED-2020/EC/371 dated 24.07.2020 (copy placed at F/A).

In view of the position explained above, if-orderec, we may send the case to the Computer Incharge, Chandigarh Housing Board, Chandigarh for uploading the Environment Clearance issued vide letter No. SA-ED-2020/EC/371 dated 24.07.2020 (copy placed at F/A) for uploading on the website as mentioned in the PUC.

SDE-I
No. No-420
dt. 01/10/2021

EE-II, CHB
No. No-244
dt. 01/10/2021

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RD 04/10/2021

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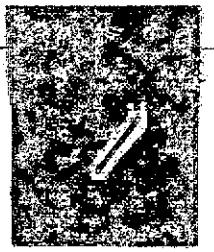
30/9/2021
Rakesh Garg,
SDE-I CHB

1-10-2021
Surinder Singh
EE-II/III/VII, CHB

01/10/2021
Jaswinder Singh
S.E.I. CHB

CI/CHB/2888
Dated 4/10/21

4/10



F. No. 4/1/2021-IA-III-E-148683
Government of India
Ministry of Environment, Forest & Climate Change
(IA, III Division)

Indira Parivaran Bhawan
Atigarij Jor Bagh Road
New Delhi-110 003

Dated: 4th August, 2021

OFFICE MEMORANDUM

Sub: Uploading of Environment Clearance (EC) conditions -reg.

This is to inform that Ministry is in the process of setting up a transparent, technology-driven, non-intrusive monitoring system through PARIVESH 2.0 ("Parivesh Green"), which would provide a "single window" solution for environmental regulations (Environment clearances, Forest Clearances, Wildlife clearances, Coastal Regulation Zone, etc) administered in the Ministry of Environment, Forest and Climate Change.

2. The envisaged platform, inter-alia, includes the compliance module for capturing the compliance data on-line through the website for effective implementation of the EC conditions through technology driven platform. In order to achieve the desired result, it is required to convert the legacy data (EC conditions in the hard/ PDF format) into a tabulated form as per the format available on the Ministry's website (parivesh.nic.in).

3. In this context, all the project proponents are requested to upload the desired information along with copy of EC letter(s) (PDF format) in the given format within a period of 2 weeks, after which the progress on the same shall be reviewed in the Ministry. In case of any technical issue, users may register their complaint through "complaint" button on Parivesh. Users may also contact the NIC technical team in the Ministry at 011-24695407 / monitoring-ec@nic.in.

4. This issues with the approval of the Competent Authority

(Sharath Kumar Pallela
Director
E-mail: sharath.kr@nic.in)

To

1. Chairman, Central Pollution Control Board
2. All ADGs of Integrated Regional Office, MoEF&CC
3. All Chairman and Member Secretaries of SEIAA/SEAC
4. All Chairman/Members of SPCB/UTPCC
5. Sr. Director, NIC, MOEF&CC.

Copy for information:

1. PPS to Secretary, EF&CC/PSO to AS(RA)/Sr. PPS to JS(SKB)
2. All Member Secretaries IA division
3. Addl. Director, IA-Monitoring

Environmental

Department of Environment Chan

Tue Aug 21 at 4:57 PM

mailto:ee4sde4@gmail.com

mailto:ee4sde4@gmail.com

mailto:ee4sde4@gmail.com

Share "Environment" and I more...

CE, CHB 2088
Dy. No. 21/09/2021
Date: 21/09/2021
No 06/09/2021
No 08/09/2021
CE-CHB

Sir Ma'am,

In reference to the trailing emails, you are once again requested to share the compliance/action taken in response to the Office Memorandum dated 04.08.2021 received from the Ministry of Environment, Forest & Climate Change, New Delhi on the subject mentioned above vide which it has been requested to upload copy of EC letter (SI) (PDF format) of your project/projects and other desired information in the given format on the Ministry's website

Kindly share the information at the earliest so that the same can be submitted further to MoEF&CC.

Thank you.

Sincerely,

Ramanpreet
Technical Assistant
Department of Environment,
Chandigarh Administration

1131
22-10/9/21

Indash Koul
CE, CHB

MD 13/9/21
E/CHB
B
119

May be forwarded to SE-I/SE-II offices for u/a pt.

Naam
6/9/21
AEP

CE/CHB
11/9/21

A/STP

Spoken and resubmitted pt. for forwarding the same to SE-I/SE-II.

SE-I/II
1785
09/09/2021
RD 10/09/2021

CE/CHB
SE-I + II

Naam
8/9/21
AEP

SD 22/585
14/9/2021

Copy: EETI / EETII / EETIII / EETIV / Architect

SOB

J.S.
13/9/2021
Jaswinder Singh
S.E.I, C.H.B.

13-9-21

AE/DC to note

14/9/21

Noted
10/9/21

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, CHANDIGARH
Ministry of Environment, Forest & Climate Change, Government of India
O/O Department of Environment, 3rd Floor, Paryavaran Bhawan
Sector 19 B, Chandigarh

TEL. 0172-2700065

No. SA-ED-2020/EC/

Dated: 20/7/2020

To

Sh. Ajay Grover, Executive Engineer-II,
Chandigarh Housing Board,
8 Jan Marg, Sector-9-D, Chandigarh

Subject: Environmental Clearance (EC) to Chandigarh Housing Board for the Proposed Construction of U.T. Employees Housing Scheme at Sector 53, Chandigarh

This has reference to your proposal No. (SIA/CH/NCP/88381/2018) seeking prior environmental clearance under the EIA Notification dated 14.09.2006 and amendments thereof. The proposal was considered by the State Expert Appraisal Committee (SEAC) in its 42nd meeting held on 6th May 2019 and recommendations for the grant of Environment Clearance were forwarded to the State Environment Impact Assessment Authority (SEIAA), Chandigarh. The project was considered by the SEIAA, Chandigarh in its 14th meeting held on 26th June 2020. Accordingly, the SEIAA, Chandigarh (UT) hereby accords necessary environmental clearance to **Chandigarh Housing Board for the Proposed Construction of U.T. Employees Housing Scheme at Sector 53, Chandigarh**, under category 8(a) of EIA Notification, 2006 subject to the strict compliance with the general, specific and additional conditions mentioned below:-

Part A. General Conditions:

- i. That the environmental safeguards contained in the documents should be implemented in letter and spirit.
- ii. That the project proponent, within seven days from the day of issue of the clearance letter, should advertise in at least two local newspapers widely circulated in the region (one of which shall be in vernacular language) informing that the project has been accorded environmental clearance and copies of clearance letters are available with the SEIAA, CPCC and Regional Office of MoEF&CC, North and may also be seen at the website of the unit.
- iii. That the reports including that of air and noise shall be submitted to the Regional Office of MoEF&CC, North on compliance to environmental conditions, every 6 months from the grant of environmental clearance and shall also be placed on the website of the project proponent. A display board shall be provided at the gate of the unit showing date of grant of consent and its validity and key pollution related parameters for the information of the general public as per the guidelines given by CPCC.
- iv. That the unit shall obtain clearances as for fire safety, structural safety, storage of fuel etc. as applicable, prior to the start of operations.
- v. That the storm water control and its reuse should be as per the Central Ground Water Board and BIS Standards for various applications.
- vi. That the officials from the Regional Office of MoEF&CC, Chandigarh who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA/SEAC should be forwarded to the Regional Office of MoEF&CC, North.
- vii. That in the case of any change(s) in the scope of the project, the project would require a fresh appraisal by SEAC.

- viii. That the SEIAA reserves the right to modify/add additional environmental safeguards subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for approval of the project.
- ix. That the First Aid Room will be provided at the project site both during construction and operation of the project.
- x. That these stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986 and the Public Liability (Insurance) Act, 1991. The conditions imposed under the Acts as above or as imposed in the Environmental Clearance shall apply.
- xi. That the project proponent will take constant efforts to improve upon its environmental performance and may go for voluntary accreditations as ISO-14000/Green rating systems.

Part B: Specific Conditions:

I. Construction Phase:

- i. That the environmental clearance is granted for the total plot area of 11.79 acres (or 47712.437 sq.m.) and the total built up area of the project will be 1,26,411.12 sq.m. allotted for housing as per approved zoning plan and any additional construction above this shall require revised environmental clearance as an expansion project.
- ii. That the project proponent shall obtain all necessary clearance/permissions from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws and their amendments time to time.
- iii. That the unit shall start construction only after obtaining consent to establish from Chandigarh Pollution Control Committee (CPCC) under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.
- iv. That all the top soil excavated during construction activities should be stored for use in horticulture / landscape developments within the project site. The excavated soil except top soil shall be used for top cover at dumping ground.
- v. That the water demand during construction shall be reduced by use of premixed concrete, curing agents and other best practices.
- vi. That it is recommended to use Tertiary treated water during construction phase, as much as possible.
- vii. That the permission to draw and use ground water for construction work shall be obtained from competent authority prior to construction/operation of the project.
- viii. That the 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.
- ix. That the building envelop for all air conditioned buildings/spaces shall be complied with the ECBC. Roof and opaque walls shall comply with the minimum insulation R-value as well as lighting systems and equipment shall comply with the provisions of ECBC.
- x. That the design of the buildings and their execution shall be done as per the guidelines of CPWD for placing minimum three stars GRIHA rating in all public buildings, as adopted by the Chandigarh Administration.
- xi. That all required sanitary and hygienic measures including portable toilets/temporary toilets, first aid room etc. for labour should be in place before starting construction activities and to be maintained throughout the construction phase.
- xii. That the adequate drinking water facility should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- xiii. That the disposal of muck including excavated material during construction phase should not create any adverse effects on the neighbouring communities and be disposed-off taking the necessary precautions for general safety and health aspects of people.

- xiv. That the Diesel power generator sets used during construction phase should be equipped with acoustic enclosure to prevent noise and should conform to rules made under Environment (Protection) Act, 1986, prescribed for air and noise emission standards.
- xv. That the ambient noise levels should conform to standards both during day and night at the site as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
- xvi. That the construction agencies shall use fly ash based material / products as per the provisions of fly ash notification of 14.09.1999 as amended on 27.08.2003 and its amendments, if any.
- xvii. That the vehicles hired for bringing construction material at site should be in good condition and should have valid "Pollution Under Check" (PUC) certificate and to conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- xviii. That the construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the ground water.
- xix. That any hazardous waste generated during construction phase should be disposed of as per applicable Rules & norms with necessary approvals of the Chandigarh Pollution Control Committee.
- xx. That the diesel required for operating DG set shall be stored in underground tanks and if required, clearance from the Chief controller of Explosives shall be taken.
- xxi. That the approval of the competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of fire-fighting equipment etc. as per National Building Code including protection measures from lightning etc.
- xxii. That the 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.

II. Operational Phase:

- i. That the unit shall operate after obtaining consent to operate from Chandigarh Pollution Control Committee (CPCC) u/s 25/26 of Water (Prevention and Control of Pollution) Act, 1974; Air (Prevention and Control of Pollution) Act, 1981 and authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- ii. That the ambient noise levels should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the proposed building premises.
- iii. That the waste water generated shall be treated in a Sewage Treatment Plant (self-installed).
- iv. That the installation of Dual Piping System is mandatory for the project, so as to make use of treated water for flushing/gardening/cleaning etc. to achieve 'zero discharge'.
- v. That only 2 DG sets (1 no. of 800 KVA and 1 no. of 380 KVA) as per the proposal shall be installed which shall be provided with acoustic enclosures, stacks and sampling platforms as required under Air (Prevention and Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and laid down by Central Pollution Control Board. The stack emissions from the DG sets shall be monitored once every six months from a NABL accredited/ MoEF&CC approved laboratory. Regular maintenance and service of the DG sets shall be undertaken to ensure that there is no substantial increase in emissions in subsequent monitoring. DG sets shall be used only as standby in case of failure of electricity.
- vi. That the Solar power shall be used for lighting in the apartments to reduce the power load on grid. Separate electric meters shall be installed for solar power. Energy conservation measures like installation of LEDs for the lighting should be the integral part of the project design.

- vii. That the solid waste shall be segregated on site into recyclable and biodegradable components and disposed off as per the conditions imposed by CPCC. The hazardous wastes including e-waste (if generated) shall also be disposed as per the conditions imposed by CPCC and appropriate records shall be maintained. An audit of the waste generation shall be undertaken over a period of time (two years) and attempts shall be made to minimize the waste generation.
- viii. That the installation of Solar Photo-voltaic (SPV) shall be done as per National Building Code - 2016 guidelines, within the project area for the generation of solar power.
- ix. That the weep holes shall be provided in the compound walls to ensure there is no obstruction to natural drainage of rainwater in the catchment area during the monsoon period.
- x. That the greenbelt and landscaping as per the proposed plan shall be provided and its land use shall not be altered. The DG set area should have thick belt of ever green trees with at least three rows of trees forming three tier canopies to mitigate environment hazards. The other areas like parks, vehicle parking, road sides etc. may be planted with evergreen or deciduous fruit trees as per requirement of the site. A report on the status of plantation, including number and variety of trees shall be submitted to monitoring authority every six months.
- xi. That the net fresh water demand shall be met from the municipal supply mainly and no tube well shall be installed within the project site.
- xii. That the ground water levels and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- xiii. That the building should have adequate distance between them to allow movement of fresh air and passage of light to the residential premises.
- xiv. That a report on the energy conservation measures should be prepared incorporating details with regard to compliance with ECBC guidelines and or as provided in the documents submitted for environmental clearance and shall be submitted to the monitoring authority in six months' time. An energy audit shall be conducted to verify the energy consumption and to suggest measures to reduce it further.

Part C: Additional Conditions:

- i. Natural Walking trails should be provided within the area earmarked for greenbelt.
- ii. Maximum area should be kept under green-belt (tree cover) and few playing equipment for the children be provided in the greenbelt area. Landscaping, area earmarked for park and ornamental plants, shall not form part of green belt.
- iii. Possibility of maximum usage of solar energy should be explored. Utilization of at least 50 KWP solar energy through ~~rooftop~~ SPV Plant, along with additional use for other purposes was recommended; for instance, the boundary lights etc. may be based on solar power.
- iv. Wherever possible at least one row of tree saplings should be planted all along the boundary and green belt should have maximum tree coverage.
- v. The sewage generated from the complex shall be treated to comply with BOD norms of <math><10\text{ mg/l}</math>, suspended solids <math><10\text{ mg/l}</math> and total coliform <math><100\text{ MPN}/100\text{ ml}</math>.
- vi. The treated sewage shall be reused in the complex for toilet flushing, green development, car washing, etc.
- vii. Only LED lights shall be used for streets & corridors lighting and lighting along the boundary wall.
- viii. Fly ash bricks/blocks shall be used for construction in place of clay bricks. Minimum 50% of the total input materials should be made up of fly ash.
- ix. A proper traffic management plan shall be put in place to avoid traffic congestion on the road especially during morning and evening hours.

The environmental clearance will be subject to obtaining the following certificates, prior to the start of construction:

1. That the approval of competent authority for cutting of trees before the start of construction should be submitted to SEIAA.
2. That the approval of the Municipal Corporation for collecting and disposal of Municipal solid waste generated in proposed premises should be submitted to SEIAA before starting construction.
3. That the consent to establish under the Water (Prevention and Control of Pollution), Act, 1974 and Air (Prevention and Control of Pollution) Act, 19 from CPCC shall be submitted to SEIAA before starting construction.
4. That the Rain Water Harvesting and Ground Water Recharging plan of the project, duly certified by the Central Ground Water Board (CGWB), Chandigarh should be submitted to SEIAA before starting construction.
5. That the water table at the proposed project site should be got verified by the Central Ground Water Board (CGWB) for construction of basement for the project and proper precautions should be taken to construct basement if water table is high.
6. That the grant of environment clearance to the project proponent does not entail that they have been cleared from all other clearances/permissions and it does not tantamount to even start of the construction of the project. The project proponent will be subject to obtaining prior clearance from the Forestry and Wildlife angle including clearance from Standing Committee of National Board for Wildlife, as applicable and if required under Eco Sensitive Zone Notification (Chandigarh). It is categorically stated that grant of environment clearance would not necessarily imply that forestry and wildlife clearance shall be granted to the project and that their proposals for forestry and wildlife clearance shall be considered by the respective authority on merit and decision taken. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from forestry and wildlife angle, shall be entirely at the cost and risk of the project proponent and SEAC/SEIAA shall not be responsible in this regard, in any manner.

(Debendra Dalai, IFS)
Member Secretary,
SEIAA, Chandigarh

Endst. No. SA-ED-2020/EC/

Dated:

A copy is forwarded to the following for information and necessary action:-

1. The Director (EIA Division), Ministry of Environment, Forest & Climate Change (MoEF&CC), Indira Paryavaran Bhawan Jor Bagh Road, New Delhi-110003
2. The Additional Principal Chief Conservator of Forest, Regional Office, Ministry of Environment, Forest & Climate Change (MoEF&CC), Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh
3. The Director (EIA), Northern Region Office, Ministry of Environment, Forest & Climate Change (MoEF&CC), Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh
4. The Secretary, Department of Environment, U.T., Chandigarh
5. The Conservator of Forests, U.T., Chandigarh
6. The Member Secretary, Chandigarh Pollution Control Committee, U.T., Chandigarh
7. The Chief Architect, U.T., Chandigarh
8. Secretary, SEAC, U.T., Chandigarh
9. PA to the Director, Department of Environment, U.T., Chandigarh
10. File

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(Debendra Dalai, IFS)
Member Secretary,
SEIAA, Chandigarh