

MINUTES OF 16th MEETING OF STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA), U.T. CHANDIGARH HELD ON 25TH APRIL, 2022 AT 03:00PM IN THE CONFERENCE HALL, 2ND FLOOR, PARYAVARAN BHAWAN, SECTOR 19 B, CHANDIGARH TO APPRAISE THE ENVIRONMENT CLEARANCE (TERMS OF REFERENCE) OF THE PROJECT NAMELY:

“Proposed General Housing Scheme at Plot No. 1 & 2 at LT. Habitat at RGCTP by Chandigarh Housing Board”.

A meeting of the State Level Environment Impact Assessment Authority (SEIAA), Union Territory, Chandigarh was held on 25th April, 2022 at 03.00 P.M. in the Conference Hall, 2nd floor, Paryavaran Bhawan, Sector 19-B, Chandigarh under the Chairmanship of Sh. Srishti Pal Vasudeva, IFS (Retd.) to examine Terms of Reference (ToR) to the above referred project.

Following members were present in the meeting:

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| 1. Sh. Jatinder Singh Kamyotra,
Ex-Director, CPCB | Member |
| 2. Sh. Debendra Dalai, IFS,
Director, Department of Environment,
Chandigarh Administration | Member Secretary |
| 3. Sh. Brij Bhushan,
Scientist 'SD', Department of Environment
Chandigarh Administration | Secretary, SEAC |

The meeting started with Chairman, SEIAA, Chandigarh (U.T.) welcoming all those present. The meeting started with Member Secretary, SEIAA apprising the authority members about the project placed in the agenda for the meeting. It was informed that the project proposal was considered by the State Expert Appraisal Committee (SEAC) in its 45th & 46th meetings held on 09.12.2021 & 04.03.2022 respectively. As per the procedure and on the basis of documents enclosed with the application form and the additional clarification furnished in response to the observations of the SEAC, Chandigarh, in writing and verbally during the presentations, the SEAC after detailed discussions decided to forward the proposed project to the State Environment Impact Assessment Authority (SEIAA), Chandigarh, with the recommendation to grant Terms of Reference (ToR) to the Project Proponent under the provision of EIA Notification dated 2006, subject to certain conditions.

The Chairman, SEIAA, Chandigarh, then invited the Project Proponent to make the presentation. The team of Chandigarh Housing Board headed by Sh. Ajay Grover, SE II with other officials and Mr. Sandeep Garg with Ms. Simran, Project Consultant, Eco-Laboratories and Consultant Private Ltd. nominated by the project proponent made the presentation. Members of the State Environment Impact Assessment Authority (SEIAA) raised queries and sought clarifications on the realignment of the existing Barsati Nallah with all the technical details such as the discharge capacity, existing gradient and proposed gradient, length of the realigned drain, high flood level, distance between the proposed construction/boundary wall and the realigned Barsati Nallah, clear demarcation of the entry and exit points to the project site, treated sewage standards proposed to be achieved, measures to ensure that noise levels remain within the prescribed limits for sensitive zone as the proposed project is in the vicinity of Sukhna Lake and Sukhna Wildlife Sanctuary, details regarding compensatory tree plantation, declaration of no use of groundwater during any phase of the project, probing feasibility for maximum reuse of treated sewage, etc.

After detailed deliberations and discussions on the clarifications/reply submitted by the project proponent and keeping in view the recommendations of State Expert Appraisal Committee (SEAC), Chandigarh, the State Environment Impact Assessment Authority (SEIAA), Chandigarh decided to grant Terms of Reference to Chandigarh Housing Board for, "Proposed General Housing Scheme at Plot No. 1 & 2 at I.T. Habitat at RGCTP by Chandigarh Housing Board", subject to the compliance of the following **specific conditions in addition to the specific conditions given by SEAC in its 46th meeting along with the TOR proposed by the project proponent and the standard TOR by MoEF&CC**, for the preparation of EIA-EMP Report.

Specific Conditions by SEIAA:

1. Complete technical details about the realignment of Barsati Nallah proposed in the project, including its capacity to carry the flow of water specifically during rainy season, the area's high flood level (HFL), gradient of aligned Barsati Nallah, compliance of latest regulations regarding the distance between the building and the nallah/water bodies, and any permissions required from adjoining states/regulatory agencies.



2. The Entry and Exit points to the project site should be clearly marked on the Layout Plan. A proper traffic management plan shall be put in place to avoid traffic congestion on the road especially during morning and evening hours.
3. Noise levels have to be ensured to be well within the prescribed limits for sensitive zone during construction and operation phase of the project as the proposed project site is in the vicinity of Sukhna Lake which is a notified sensitive zone. It must also be assured that any festivities or public gatherings after coming up of the housing colony, involving use of loudspeakers or generation of high noise level should take place indoors only. The noise pollution control facilities, considering the sensitivity of the adjoining sensitive place are to be provided. Acoustics and thick green belt need to be encouraged for dissipations of noise levels.
4. Alternate use of left over treated sewage of the colony may be explored, as discharge of treated waste water into the drain/sewerage system already carrying untreated waste water is neither environmentally sound nor economically viable.
5. PP shall explore the possibility of retaining the maximum number of trees specifically in parking area that are proposed to be cut and only the bare minimum number of trees should be removed that are essential and cannot be avoided. PP shall provide total number of trees species wise on the site, trees to be removed and the trees saved clearly in the EIA report. The detailed information whether any protected or endangered species is involved need to be given. The feasibility to transplant the existing trees as much as possible shall be explored. Measures taken to reduce the number of the trees to be removed should be explained in detail. The trees planted shall conform to the Central Pollution Control Board's Guidelines on Green Belt Development and the best horticultural trees suitable to the local climate be planted to improve aesthetics.
6. The proponent needs to earmark the area where losses of trees so caused have to be compensated as part of compensatory plantation plan including number of trees and species proposed. A schedule of the compensatory tree plantation should be given. The survival of the plants needs to be ensured for at least five years and fresh trees planted as replacement for every tree that die.



7. The guidelines of National Building Code of India 2016 (NBC 2016) should be followed in the design and construction of the project including energy management and construction material. To have a lower carbon footprint, it is recommended to utilize more timber than steel and aluminum during construction.
8. The site after completion of the housing scheme should not have any exposed area to generate air pollutants. Ground need to be covered with grass, vegetation, coal tar on roads and concrete elsewhere.
9. The report should mention details regarding use of renewable energy and shall take into account the NBC provisions, possible Green Building Rating etc.
10. Installation of Solar Photovoltaic's (SPVs) is recommended for the project to make use of renewable energy. The proposed capacity of installation to be specified in the report.
11. PP shall ensure use of fly ash and fly ash products as per the provisions of MoEFCC notification No. S.O. 5481(E) dated December 31st, 2021.
12. Due to proximity to Sukhna Lake, the ground water table in the project area may be assessed and brought on record. If required water recharging through rain water harvesting be resorted to and to the contrary possibility to store harvested rain water should be explored.

The meeting ended with the vote of thanks to the chair.



Sh. Debendra Dalai(IFS)
(Member Secretary)