

**MINUTES OF MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE, CHANDIGARH (UT) HELD ON 04<sup>th</sup> MARCH' 2022 AT 10:30 AM, IN THE CONFERENCE HALL, 2ND FLOOR, PARYAVARAN BHAWAN, SECTOR 19 B, CHANDIGARH TO APPRIASE THE ENVIRONMENT CLEARANCE/TERMS OF REFERENCE TO PROJECTS, NAMELY:**

1. "Proposed General Housing Scheme at Plot No. 1 & 2 at I.T. Habitat at RGCTP by Chandigarh Housing Board".
2. "Multilevel Parking for Public in between District Court Complex and Judicial Academy Sector 43, Chandigarh"

A meeting of State Expert Appraisal Committee, Union Territory, Chandigarh was held on 04th March'2022 at 10.30 AM, in the Conference Hall, 2nd Floor, Paryavaran Bhawan, Sector 19 B, Chandigarh under the chairmanship of Prof. Siby John, Department of Civil Engineering, Punjab Engineering College, Chandigarh.

Following members SEAC, Chandigarh (UT) were present in the meeting:

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| 1. Prof. Amrik Singh Ahluwalia,<br>Pro Vice Chancellor, Eternal University, Baru Sahib, Sirmour, H.P./<br>Professor, Department of Botany, Panjab University,<br>Chandigarh-160014 | Member    |
| 2. Dr. Sanjay Sharma, Professor & Head,<br>Civil Engineering Department, NITTTR Campus,<br>Sector-26, Chandigarh.  | Member    |
| 3. Dr. Suman Mor,<br>Assistant Professor, Dept. of Environment Studies, Panjab University,<br>Chandigarh.  | Member    |
| 4. Prof. Haripada Bhunia, Professor,<br>Department of Chemical Engineering, Thapar University,<br># C-101, Thapar Institute of Engineering & Technology,<br>Patiala -147004.       | Member    |
| 5. Sh. Sushil Dogra, Scientist B;<br>Representative from Chandigarh Pollution Control Committee,<br>Chandigarh.  | Member    |
| 6. Sh. Vivek Pandey, Scientist 'SD',<br>Department of Environment, Chandigarh Administration.  | Secretary |

Following members were on leave of absence:

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| 1. Prof. Naval Kishore, Department of Geology,<br>Panjab University, # G-9, P.U. Campus Sector 14,<br>Chandigarh-160014. | Member |
| 2. Prof. Sangeeta Bagga Mehta,<br>Principal, Chandigarh College of Architecture, PEC Campus, Sector-12,<br>Chandigarh.   | Member |

3. Dr. Neeraj Khatri,  
Principal Scientist & Head, IMTECH, Sector-39 A,  
Chandigarh.

Member

At the outset, Professor Siby John, Chairman, SEAC, Chandigarh welcomed all the members of the committee and apprised the committee members about brief of the projects mentioned at Sr. No.1 and 2, which was to be considered by State Expert Appraisal Committee (SEAC). U.T. Chandigarh.

**Project 1: "Proposed General Housing Scheme at Plot No. 1 & 2 at I.T. Habitat at RGCTP by Chandigarh Housing Board".**

The item was considered in continuation to the meeting held on 09.12.2021 and the reply to the Additional Details Sought (ADS) submitted by the Project Proponent (PP).

The Chairman, SEAC, Chandigarh, then invited the Project Proponent for making the presentation. The team of Chandigarh Housing Board headed by Sh. Rajiv Singla, Chief Engineer and Sh. Ajay Grover, SE II with others along with Mr. Sandeep Garg and Ms. Simran, Project Consultant, Eco-Laboratories and Consultant Private Ltd. made the presentation of the project.

During the presentation, the committee members raised queries on the different aspects of the project and it was emphasized that the information presented during the meeting should match with the information/data already submitted in the project proposal.

For better understanding of the project, a field visit to the project site was conducted by the members of SEAC, Chandigarh at nearly 1 P.M.

Based on the presentation and responses to the queries raised by the members, following observations (which were made known to the Project Proponent during the presentation itself) have been made by the committee. The PP consented to submit their reply regarding the deficiencies/observations with the final EIA report. After detailed deliberations, the committee unanimously agreed to recommend the proposal to State Environment Impact Assessment Authority (SEIAA), U.T. Chandigarh for further consideration with the following specific conditions in addition to the TOR proposed by the project proponent and the standard TOR, for the preparation of EIA-EMP Report.

**Specific TORs for conducting EIA study**

1. A detailed report on the realignment of the Barsati Nallah (natural water course), as proposed in the report is required to be submitted having timeline mapping using Remote Sensing, to be done by a government institute. The report should establish that there will be no environmental disturbance to the hydrology of the region, and that the Barsati Nallah is not natural, it's man-made, which was built in the year 2006 as informed during the presentation. Information should also be provided on the authority that will be in-

charge of the management of the open drain that will be built to divert the existing Barsati Nallah.

2. The authorization/permission of the appropriate authority (Engineering Department, Chandigarh Administration, MC Chandigarh) specifying the amount of treated wastewater/sewage that can be released into the sewer, as proposed. Also, the details of the STP to which the wastewater will be transferred further indicating the feasibility be included.
3. It is suggested that the treated water be utilised upto maximum extent within the 110.63 acres of project area, and that discharge into the MC sewer be avoided. A comprehensive water balance assessment of the entire planning region is ideal.
4. A complete groundwater study to ensure that there will be no abstraction of groundwater for the proposed project. The study should take into account the holistic view of the IT Habitat Project area of 110.63 Acres and also the Rain Water Harvesting (Recharge) System proposed, taking into consideration the fluctuating groundwater table in the area adjacent to the Sukhna Choe. Groundwater recharge facilities proposed should be technically sound considering the level of water table in that area.
5. It was proposed to make use of tertiary treated water during construction phase, for which the exact details have to be mentioned with quantity and source of tertiary treated water. As mentioned in the ADS, tertiary treated water is not available at site till date, therefore, the possible supply of tertiary treated water through tankers; for which complete details i.e. the permission mentioning the provider and the quantity of tertiary treated water should be submitted.
6. A detailed plan of Municipal Solid Waste Management in compliance to Solid Waste Management Rules, 2016 and its amendments is required to be submitted. As per the rules, waste must be collected from door to door, and it cannot be transferred from one storage location to another, as proposed by the PP. Therefore, the non-biodegradable waste has to be properly disposed of as per the relevant rules. The desired permission may be obtained from the Competent Authority/proper management strategy, with the quantity specified, be developed.
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. The report should mention details regarding use of renewable energy and take into account the NBC provisions, possible Green Building Rating etc.
8. 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.

9. Instead of felling, for which the permission has been obtained from Department of Forest and Wildlife, U.T Chandigarh vide letter no. FOR/2018/2902 dated 05.02.2018, it is recommended to transplant the existing trees, as much as possible. Plantation of endemic plant species should be preferred in the green spaces and for compensatory tree plantation. *Shehtoot* and some such other trees should be considered for plantation since it provides food for birds. A schedule for the compensating tree plantation should also be provided, with plantation efforts should begin as soon as the project begins (construction phase).
10. Wildlife Clearance from the Standing Committee of the National Board for Wildlife to be submitted.
11. Schematic and design details of the proposed Sewage Treatment Plant has to be submitted.
12. Environment Management Cell (EMC) to be constituted and details to be submitted.

**General Guidelines:-**

1. Grant of TOR does not mean grant of EC.
2. Grant of TOR/EC to the present project does not mean grant of approvals in other regulations such as the Forest (Conservation) Act 1980 or the Wildlife (Protection) Act, 1972.
3. Grant of EC is also subject to Circulars issued under the EIA Notification 2006, which are available on the MoEF&CC website: [www.envfor.nic.in](http://www.envfor.nic.in).
4. All documents should be properly indexed, page numbered.
5. Period/ date of data collection should be clearly indicated.
6. The letter/application for EC should quote the Parivesh File No. and also attach a copy of the letter prescribing the TOR.
7. On the front page of EIA/EMP reports, the name of the consultant/ consultancy firm along with their complete details including the status of accreditation of the EIA consultant with NABET/ QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
8. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the Specific TORs along with the TOR proposed by the project proponent and Standard TOR; have been complied with and the data submitted is factually correct.



9. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MoEF office memorandum dated 4th August, 2009 & notification of the MoEF dated 19.07.2013). The project leader of the EIA study shall also be mentioned.
10. The prescribed TOR would be valid for a period of three years for submission of the EIA/EMP reports.

**Project 2: "Multilevel Parking for Public in between District Court Complex and Judicial Academy Sector 43, Chandigarh"**

The project mentioned at Sr. No. 2 namely "Multilevel Parking for Public in between District Court Complex and Judicial Academy Sector 43, Chandigarh" was placed before the committee for recommendation for Environment Clearance. Sh. Umesh Sharma, XEN, Sh. Sudhir Batra, SDE and Sukhwinder Singh, along with the project consultant, Mantras Green Resources Ltd., Nasik, were present before the committee on behalf of Engineering Department, Chandigarh, for detailed explanation of the project.

After detailed presentation and discussion at length on various environment parameters, following preliminary observations (which were made known to the Project Proponent during the presentation itself) have been made by the committee. The PP consented to submit their reply regarding the deficiencies/observations at their earliest possible so as to enable the committee to proceed further in the matter.

1. Copy of application for Wildlife Clearance from the Standing Committee of the National Board for Wildlife to be submitted.
2. Requisite permission from the Competent Authority or a copy of application for request of water supply for the proposed project (for use for drinking water, fire fighting system and toilets) is required to be submitted.
3. The parking should have public amenities like toilets, drinking water facilities etc.
4. Provision of air circulation in basement has to be ensured i.e. properly designed exhaust system for air circulation/ventilation considering the vehicular emissions in the basement must be provided.
5. The noise pollution control facilities, considering the sensitivity of the adjoining public place are to be provided.



6. Water balance and wastewater calculations along with permission from the MC, Chandigarh for supply of water and discharge of sewage into MC sewer arising out of the project, is required to be submitted. The quantity has to be mentioned in the approval, as obtained.
7. Mode of disposal of treated sewage/effluent during construction and operation phase should be clearly mentioned.
8. Disposal bins for solid waste and dust to be placed in various locations. Also, the management of plan of the solid waste so generated be provided.
9. Information on the labour colony, such as the number of workers, the amount of water required, and the wastewater and solid waste disposal method, are required to be submitted. Provision of septic tanks is not acceptable. Therefore, portable toilets for the use of labour must be provided and requisite permission obtained from the Competent Authority for the same is required to be submitted.
10. It is recommended to make use of tertiary treated water during construction phase. In this regard, the permission mentioning the provider and the quantity of tertiary treated water should be submitted.
11. The report should mention details regarding use of renewable energy and take into account the NBC provisions, possible Green Building Rating etc.
12. 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.
13. The details of the existing plantation of trees in proposed site such as the number of trees to be felled, species that are removed, density of the plantation etc need to be specified. Likewise, details of compensatory plantation, the site and species details etc. are also required to be specified. The proponent needs to earmark the area where losses of trees so caused have to be compensated as part of compensatory plantation plan. A schedule of the compensatory tree plantation should be given. The survival of the plants needs to be ensured for at least five years.
14. It is recommended that fly ash bricks shall be used for construction in place of clay bricks.
15. A proper traffic management plan shall be put in place to avoid traffic congestion on the road especially during morning and evening hours.

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16. Revised proposal (Form 1, 1A & Conceptual plan with detailed EMP) needs to be submitted with all the approvals and approved drawings from the competent authority. The report needs to be rectified/modified w.r.t issues such as water requirement, waste water disposal, solid waste disposal, emissions, noise, sensitive structures nearby, various permissions from the Municipal Corporation, plantation, land use etc.
17. In compliance with the MoEF New Delhi circular J-11013/41/2006-1A,II (I) Part, dated 19 May 2011, the project needs to have a well laid down Environment Policy, duly approved by the Board of Directors. The policy should consist of standard operating norms/procedures to bring into focus any infringement/ deviation / violation etc and the hierarchical system or administrative order to deal with the environmental issues, for ensuring compliance with EC conditions as well as Environment (Protection) Act 1986 and subsequent amendments issued there under.

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

  
**Sh. Vivek Pandey**  
Secretary