

**MINUTES OF 17<sup>th</sup> MEETING OF STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA), U.T. CHANDIGARH HELD ON 05<sup>TH</sup> JULY, 2022 AT 03:00 PM IN THE CONFERENCE HALL, 2ND FLOOR, PARYAVARAN BHAWAN, SECTOR 19 B, CHANDIGARH TO APPRAISE THE ENVIRONMENT CLEARANCE OF THE PROJECT NAMELY:**

**“Multilevel Parking for Public in between District Court Complex and Judicial Academy Sector 43, Chandigarh”**

A meeting of the State Level Environment Impact Assessment Authority (SEIAA), Union Territory, Chandigarh was held on 05<sup>th</sup> July, 2022 at 03.00 P.M. in the Conference Hall, 2<sup>nd</sup> Floor, Paryavaran Bhawan, Sector 19-B, Chandigarh under the Chairmanship of Sh. Srishti Pal Vasudeva, IFS (Retd.) to appraise the environment clearance of above referred project.

Following members were present in the meeting:

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

The meeting started with Member Secretary, SEIAA, Chandigarh (U.T.) welcoming and apprising the authority members about the project placed in the agenda for the meeting. It was informed that the project proposal namely “Multilevel Parking for Public in between District Court Complex and Judicial Academy Sector 43, Chandigarh” (Proposal No. SIA/CH/MIS/243728/2021) was considered by the State Expert Appraisal Committee (SEAC) in its 46<sup>th</sup>, 47<sup>th</sup> and 47<sup>th</sup> (supplementary) meetings held on 04.03.2022, 17.05.2022 & 21.06.2022 respectively. On the basis of documents enclosed with the application form along with the additional clarification furnished in response to the observations of the SEAC, Chandigarh, in writing and verbally during the presentations, the SEAC after detailed discussion unanimously decided to forward the proposed project proposal to the State Environment Impact Assessment Authority (SEIAA), Chandigarh, to consider grant of Environmental Clearance to the project proponent under the provision of EIA Notification dated 2006, subject to certain conditions.

The Member Secretary, SEIAA, Chandigarh, then invited the Project Proponent for making the presentation. Sh. D.K. Aggarwal, SE CP I, Sh. Sudhir Batra, SDE with team members and the project consultant, Mantras Green Resources Ltd., Nasik, were present before the committee on behalf of Engineering Department, Chandigarh, for detailed presentation and explanation of the project.

Members of the State Environment Impact Assessment Authority (SEIAA) raised certain queries and sought clarifications on the issues such as proposed solar panels on the rooftop, alternate source of water for construction purpose, measures to be undertaken for air quality

improvement and noise management, compensatory tree plantation etc. The project proponent submitted clarification to each of the observation/queries raised by the members of the authority and also submitted the reply in writing.

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 Environmental Clearance to Engineering Department, U.T. Chandigarh for the project proposal namely "Multilevel Parking for Public in between District Court Complex and Judicial Academy Sector 43, Chandigarh" (Proposal No. SIA/CH/MIS/243728/2021), with the following project details and conditions:

The project details for the said proposal are as under:

1.	Schedule/Item No.	8(a): Building & Construction Projects
2.	Category	B2
3.	Name & Location of the Project	Multilevel Parking for Public in between District Court Complex and Judicial Academy Sector 43, Chandigarh
4.	Cost of the Project	Rs. 81.12 Crores
5.	a.) Total Plot Area b.) Ground Area Under Planning c.) Built Up Area d.) Green Area e.) Height of the Building f.) No. of Floors	18,377.09 sq.m. 9618.96 sq.m. 32,294.00 sq.m. 900 sq.m. along with peripheral plantation 13.95 M (upto Terrace Level) 5 (B+G+3 Floor including the Terrace)
6.	Parking Details	1278 ECU
7.	Water Requirement & Source	Construction Phase- 12 KLD (domestic requirement) Operation Phase- 4.2 KLD, Municipal Corporation, Chandigarh to supply water.
8.	Disposal of Waste Water	Construction Phase- 3 KLD which will be discharged as sewage into MC sewer. Operation Phase- 1.0 KLD (approx.) which will be discharged as sewage into MC sewer.
9.	Construction Water Demand	35 KLD (will be fulfilled using Tertiary Treated Water)
10.	Energy Requirements and Energy Saving Measures	607.19 KW from Electricity Department, U.T. Chandigarh 800 kWp Solar Photovoltaic System (Power Plant on the Rooftop)
11.	Cutting of Trees & Compensatory Tree Plantation	No. of trees in the proposed construction site- 28 (25 green trees + 3 dead/dry trees) Permission for cutting – 25 (21 green trees to be cut +4 Date Palm trees to be transplanted)

		The permission shall be obtained for cutting 3 dead/dry trees from Competent Authority. Therefore, total trees to be cut- 24 (21 green + 3 dead/dry) Compensatory tree plantation- Minimum 120 trees (Peripheral boundary of the proposed site with suitable species)	
12.	Environment Management Plan along with budgetary break up	Capital Cost (in Rs. Lakhs)	Recurring Cost (in Rs. Lakhs)
		60	6
13.	Labour Welfare	Rs. 15.00 Lakh/year	

### Part A: General Conditions

- i. That the environmental safeguards contained in the application of the promoter should be implemented in letter and spirit.
- ii. That the project proponent, within seven days from the day of issue of the environmental clearance, 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 project proponent.
- iii. The project proponent shall have a well laid Environment Policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wild life norms /conditions. The copy of the Board resolution in this regard shall be submitted to the respective regional office of MoEF&CC, SEIAA and CPCC, Chandigarh as part of six monthly compliance reports.
- iv. The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data in respect of water, air & noise (both in hard & soft copies) to the respective regional office of MoEF&CC, SEIAA and CPCC, Chandigarh on 1st June and 1st December of each calendar year. A display board shall be provided at the gate of the project site 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.
- v. That the project proponent shall obtain approval for fire safety, structural safety of the building(s), as per National Building Code.
- vi. That the officials from the Regional Office of MoEF&CC, Chandigarh & CPCC, 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, U.T. Chandigarh.
- 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 facility will be provided at the project site during construction phase 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 make 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 18,377.09 sq.m. in which area under planning is 9618.96 sq.m. and the total built up area of the project is 32,294.00 sq.m. Any additional construction above this shall require revised environmental clearance as an expansion project.
  - ii. That the project proponent shall obtain all necessary clearance (s)/permissions from all relevant agencies including town planning authority before commencement of work.
  - iii. All the construction shall be done in accordance with the local building bye laws and their amendments from time to time.
  - iv. 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.
  - v. The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase.
  - vi. Storage Facility for Solid Waste, Utilities etc, earmarked by the project proponent in the layout plan, should be established/ installed in the earmarked area only. In any case, the position/location of these utilities should not be changed later-on.



- vii. The environmental safeguards contained in the application of the promoter/mentioned during the presentation before State Expert Appraisal Committee should be implemented in letter and spirit.
- viii. 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 the top soil shall be used for top cover at dumping ground. The disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring buildings/ communities and be disposed-off taking the necessary precautions for general safety and health aspects of people.
- ix. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, wind screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & other construction material at the site.
- x. That the water demand during construction shall be reduced by use of premixed concrete, curing agents and by adopting other best practices.
- xi. The project proponent shall use only tertiary treated water during construction phase and no fresh water for this purpose will be used. A proper record in this regard should be maintained and made available at site.
- xii. The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of borewells) and shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell(s) exist at site.
- xiii. Following points needs to be taken care in respect of 'Rainwater Harvesting and Artificial Recharge':
  - a. Depth of ground water level of the area should be included so that depth of recharge well is decided accordingly.
  - b. Rainwater harvesting plan shall be designed wherein the recharging wells for roof top run-off shall have provision of adequate treatment for removing suspended matter etc. before recharging as per the CGWA guidelines.
- xiv. Solar Power Plant shall be installed for utilizing maximum solar energy.
- xv. That all required sanitary and hygienic measures including portable toilets/temporarytoilets, first aid facility etc. for labour should be in place before starting construction activities and to be maintained throughout the construction phase.
- xvi. That 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.
- xvii. The project proponent shall provide electromagnetic flow meter at the outlet of the water supply and any pipeline to be used for treated wastewater for flushing, for horticulture purpose/green and for construction purpose etc.
- xviii. 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.

- xix. Project Proponent shall ensure use of fly ash and fly ash products as per the provisions of MoEFCC notification No. S.O. 5481(E) dated December 31<sup>st</sup>, 2021.
- xx. 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.
- xxi. 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/soil.
- xxii. That any hazardous waste generated during construction phase should be disposed of as per applicable rules & norms with necessary approvals from Chandigarh Pollution Control Committee, UT. Chandigarh.
- xxiii. 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 lightening etc.

## II. Operational Phase:

- i. That the unit shall operate after obtaining consent to operate from Chandigarh Pollution Control Committee under the provisions of Water (Prevention and Control of Pollution) Act, 1974; Air (Prevention and Control of Pollution) Act, 1981.
- ii. 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 District Court and Judicial Complex which is a notified sensitive zone. 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.
- iii. The total water requirement for the Multilevel Parking will be 4.2 KL/day, which shall be met through MC, Chandigarh.
- iv. The total wastewater generation will be 1.0 KL/day (approx.), which will be discharged as sewage into the MC sewer.
- v. Rainwater harvesting/ recharging systems shall be operated and maintained properly as per CGWA guidelines. That the ground water levels and its quality should be monitored regularly and proper records should be maintained.
- vi. A report on the energy conservation measures conforming to energy conservation norms should be prepared incorporating details about machinery of air exhausts, lifts, lighting, building materials, R & U Factors, EV charging stations etc, and submitted to the respective Regional office of MoEF&CC and CPCC, Chandigarh.

- vii. That the Solar power shall be used for lighting in the proposed multilevel parking to reduce the power load. Energy conservation measures as per the proposal submitted for the lighting should be the integral part of the project design.
- viii. The installation of Solar Photo-Voltaic (SPV) of capacity 800 KWp shall be done as per National Building Code-2016 guidelines, within the project area for the generation of solar power.
- ix. That the solid waste shall be segregated at the site into recyclable and biodegradable components and disposed off as per the conditions imposed by CPCC. In compliance with the Solid Waste Management Rules, 2016, Municipal Corporation, Chandigarh, has adopted new requirements for the segregation and handover of segregation waste into a four-bin system (Dry Waste, Wet Waste, Domestic Hazardous Waste, and Sanitary Waste), which shall be followed.
- x. 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.
- xi. That the greenbelt and landscaping as per the proposed plan shall be provided and its land use shall not be altered. A report on the status of plantation, including number and variety of trees shall be submitted to monitoring authority every six months.
- xii. The facilities provided for collection, segregation, handling and on site storage of solid waste such as wet & dry bins, collection centre etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written agreement must be signed with the authorized recyclers.
- xiii. Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.
- xiv. The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only herbal pesticides/insecticides and organic manure in the green area.
- xv. 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. Settling points/sedimentation tanks should be provided for treating rain water / storm water to avoid carryover of the building / construction material.
- ii. The project proponent shall develop green belt in the open area. The greenbelt would be in addition to the compensatory plantation for felling of 24 trees from the project site. Maximum number of trees may be planted as much as possible but not less than 120.

- iii. The site after completion of the Multilevel Parking 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.
- iv. A proper traffic management plan shall be put in place to avoid traffic congestion on the road especially during morning and evening hours.
- v. An Air Quality Monitoring study must be conducted and included in the revised report. Based on the Air Quality Monitoring study, technique to improve the Air Quality has to be adopted and installed (if required). Given the sensitivity of the nearby buildings, daily cleaning of the proposed project site must be ensured during the operational phase to maintain the air quality. The report as desired has been submitted by the PP. Furthermore, it must be ensured that the CO and NOx sensors being utilized are of high quality.
- vi. In compliance to the ADS raised by SEAC, it has been submitted that during construction period tertiary treated water will be used for construction, but an alternate source of water is not mentioned in the report. The information regarding the availability of tertiary treated water near the site has been obtained from MCPH Division No. 1, Chandigarh, vide Memo No. 3511 dated 19.05.2022. In this regard, the tertiary treated water used for construction must prescribe to the IS: 456 standards.
- vii. In the report it is mentioned that in order to meet the noise standards, no work will be done during day (court hours) or at night. It has to be rectified in the report that there will be no use of heavy machinery during day and night time and this need to be adhered to.
- viii. Noise Mapping/ Modelling may be performed again, and control measures or strategies proposed for control of noise included in the revised report. The same may be established through a technical investigation considering the incremental increase and log variation, taking into account the sensitivity of the adjacent public space. The report as desired has been submitted by the PP.
- ix. Noise absorption surfaces must be used on all parking lot walls, acoustics must be provided, and control mechanisms must take into account the direction that noise should not dissipate toward the adjoining court.
- x. The plantation for the proposed project should not restrict to the compensatory tree plantation of 120 trees. As mentioned in the report 28 trees will be removed (21 will be cut, 4 will be replanted and 3 are dead trees), for which the compensatory tree plantation has been mentioned to be 120 trees, which is very less to act as a noise barrier. There should be atleast two rows of trees on both sides of the proposed project i.e. towards the District Court side and at the Judicial Complex side. The plantation should not be done in the adjacent forest area. Trees with good canopy, flowering and are evergreen to be selected for plantation.
- xi. Social responsibility cannot be replaced by labour welfare, and labour assistance is not a kind of social duty. The updated report must include a separate financial table for social responsibility and worker welfare.


  
28/07/2022



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

- i. That the approval of competent authority for cutting of three (3) dead trees before the start of construction should be submitted to SEIAA.
- ii. That the consent to establish under the Water (Prevention and Control of Pollution), Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 from CPCC shall be submitted to SEIAA before starting construction.
- iii. 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.
- iv. 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.
- v. 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 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.

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

  
Sh. Debendra Dalai (IFS)  
(Member Secretary)