

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
Ministry of Environment, Forest & Climate Change
Government of India
Department of Ecology, Environment & Remote Sensing
Paryavaran Bhawan, Transport Nagar, Narwal, Jammu.

Deputy Inspector General of Police, G.C.
Central Reserve Police Force,
Village Kootah, Tehsil Hira Nagar,
District Kathua, Jammu.

No.SEIAA/2016-17/161-66

D a t e d .17- 02-2017

Subject:- Grant of Environmental clearance for Residential & Non-residential
Buildings for C.R.P.F. G.C., at Village Kootah, Tehsil Hira Nagar,
District Kathua, Jammu.

Reference:- Minutes of the Meeting of S.E.I.A.A. held on 13-02-2017 issued
Vide No.SEIAA/2016-17/Meeting/02/155-57 dated 13-02-2017

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Dear Sir,

Kindly refer your proposal No.SIA/JK/NCP/17362/2016 dated 22-09-2016 & submission of final EIA/EMP report dated 31st December, 2016 wherein requests have been made for issuance of Environmental clearance for construction of Residential & Non-residential Buildings of CRPF at Village Kootah, Tehsil Hira Nagar, District Kathua, Jammu under the following description of the project:-

1. Geographical Coordinates of the Project site:

32°29'59.51" to 32°30'47.46"-North

75°14'06.51" to 75°14'28.18"-East

2.Total Project Land area : 6, 86, 946 m²

3.The Khasra Nos. of the land acquired by CRPF for the project:

- a. Private land: 72, 73, 74, 75min, 76min, 78min, 79min, 80min, 81, 82, 83, 84, 87, 88, 89, 90, 91, 92, 93, 94, 95min, 96min, 97, 98min, 99, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117min, 745min, 840, 122min, 123, 124 min, 125, 129 min, 130 min, 131min, 132, 134 min, 135, 136, 137, 138, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155min, 155, 156, 157, 158, 159, 160min, 161, 162min, 163min, 164, 165, 166min, 167, 177, 177min, 178, 179, 180, 182min, 183, 198min, 446min, 447min, 448, 449, 451min, 453, 454min, 459, 465min, 466min, 475min, 476, 477min, 478min, 482min, 483min, 484min, 485min,
- b. State land: 126min, 127, 128min, 133, 139, 155, 181, 191, 192, 193, 194, 197, 452min, 477min, 77min, 85, 86, 842, 843min, 844 min, 858min

4) Covered area: 13, 952 m²

5) Green area: 2, 40, 431 m²

6) Open Area Under Roads/pavement etc. : 4, 32, 563 m²

- 7) Built-up Area: 1, 85, 979 m²
- 8) Cost of the Project : Rs. 725 Crores
- 9) Total cost of EMP: Rs 545 lacs
- 10) Max. No. of Floors: G + 10
- 11) Height of Building: 34 mtrs.
- 12) No. of flats: 274 in Phase-1 and 1303 in Phase-2
- 13) Population: Approximately 10, 000 persons
- 14) Parking: 100 cars
- 15) Fresh water requirement: 1911 KLD**
- 16) Total Electricity load 6.0 MW

In this connection, the State Environment Impact Assessment Authority on the recommendations of State Expert Appraisal Committee conveyed vide its No.SEAC/17/1467-77 dated 06-02-2017, accords Environmental clearance of your project in pursuance of Environment Impact Assessment Notification 2006, subject to the compliance of following specific & general conditions:-

PART A - SPECIFIC CONDITIONS

I. Construction Phase

1. The Project Proponent shall ensure that the guidelines issued by the Ministry of Environment, Forest & Climate Change(MoEF&CC) vide OM No. 19-2/2013-IA.III dated 09.06.2015, are followed for building and construction projects to ensure sustainable environmental management.
2. The Project Proponent shall obtain all necessary clearance/ permission from all relevant agencies including Town Planning Organization before commencement of work.
3. 'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
4. The width of all roads shall be minimum 18 m though desired to be 24 m wide in accordance with the O.M dated 7th of Feb., 2012 from MoEF&CC, GoI regarding high-rise buildings and road width.
5. D.G set shall be at least 6 m away from the boundary.
6. The project proponent shall comply with the conditions of NOC / Clearance obtained from Fire Department. NOC shall be obtained from the local Fire Station before the construction and before the occupation of the buildings as per guidelines of MoEF&CC.
7. NOC shall also be obtained from the National/State Disaster Management Authority in accordance with O.M dated 7th of Feb., 2012 from MoEF&CC, GoI

and guidelines issued if any in this regard shall be strictly followed for the safety of the Jawans.

8. All the construction shall be in accordance with the local building byelaws. The Project Proponent shall obtain all necessary clearances.
9. Temporary toilets will be provided for all construction labour.
10. Suitable toilet fixtures for water conservation shall be provided.
11. The project proponent shall formulate a comprehensive Water Conservation Plan(WCP) which shall form an integrated part of the EMP of the project.
12. In view of ground water scarcity in the area, the project proponent shall explore alternative sources of water to supplement ground water dependence through radial wells, artificial water bodies in the campus and other water harvesting structures judiciously planned to add beauty to the landscape plan of the Project.
13. Proponent shall obtain permission for ground water withdrawal from State Ground Water Authority prior to construction/operation of the project.
14. The rainwater harvesting plan should be incorporated in the Environmental Management Plan.
15. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A First Aid Room will be provided in the project both during construction and operation of the project.
17. All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
18. As agreed in the EMP, rupees five crores shall be earmarked and utilized for the welfare and socioeconomic upliftment of local population living around the project site by way of improving healthcare and educational facilities and for improving the landscape ecology within a radial distance of 2 kms from the project site through formulation and implementation of a comprehensive Green Plan in consultation with local Forest Department.
19. A comprehensive Horticulture Plan shall be formulated in consultation with the Horticulture Department for improving the socio-economic condition of the population living in the immediate vicinity of the project and to improve landscape ecology around the project site.
20. Disposal of muck 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 approved sites with the approval of competent authority.

21. It will be the duty of the Project proponent to ensure that during extreme flow in the nearby Nallahs, flash flooding does not cause any damage to life and property. As a precautionary measure, the nallah bank along the project site should be appropriately protected through flood protection measures and landscape intervention if required and strengthened by installing stone reinforcement in crate-wire mesh.
22. The muck generated during digging for foundation should in no case be disposed by the Project Proponent in the nearby Nallahs.
23. 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.
24. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate the nearby Nallahs and the dump sites for such material must be secured so that they should not leach into the ground water.
25. Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
27. The diesel required for operating DG sets shall be stored in underground tanks and clearance from Chief Controller of Explosives shall be taken, as applicable.
28. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
29. Ambient noise levels should conform to residential standards both during day and night 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. 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/ SPCB.
30. Efforts should be made to use Fly ash as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 in case the project site is within a radius of 100kms from any Thermal Power project.
31. Storm water control and its re-use as per CGWB and BIS standards for various applications.
32. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

33. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
34. 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.
35. Use of glass may be reduced to reduce the electricity consumption and load on air-conditioning. If necessary, use high quality double glass with special reflective coating in windows.
36. 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. Operation Phase

1. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
2. The treated wastewater shall be recycled and reused for flushing and gardening to reduce the demand of fresh water as committed.
3. Solid waste management shall be collected, treated disposed in accordance with the Municipal Solid Waste (Management & Handling) Rules, 2000. No municipal waste should be disposed off outside the premises.
4. The Operation and Maintenance of STP shall be made in the MoU with STP supplier. Project Proponent shall ensure regular operation and maintenance of the STP.
5. Parking facility with 6 m clear driveway shall be provided.
6. 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 Ministry 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. Discharge of unused treated effluent shall conform to the norms and standards of the State Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.
7. The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
8. Diesel power generating sets proposed as source of back-up power for elevators and common area illumination during operation 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. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

9. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
10. The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.
11. Rain water harvesting for roof run- off and surface run- off, should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
12. Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the buildings should be integral part of the project design and should be in place
13. before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar energy for outer lighting should be 100% as committed in the EIA/EMP and effort should be made to increase the dependence on solar energy for internal consumption to 60% or more for decreasing dependence on State Power Resources.

PART - B. GENERAL CONDITIONS

1. A copy of the environmental clearance letter shall also be displayed on the website of the State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, and Collector's Office/ Tehsildar's office for 30 days.
2. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to SEIAA-JK and concerned Regional Office of MoEF&CC at Chandigarh.
3. 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 MoEF&CC should be forwarded to the CCF, Regional office of MoEF&CC, Chandigarh.
4. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by SEAC.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment

clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

6. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, whichever, applicable by project proponent from the respective competent authorities.
7. The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986 and EIA Notification, 2006.
8. 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&CC, the 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 sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location in the public domain.

The above Environmental clearance is valid for a period of five years from the date of its issue.

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(S.D. Swatantra)IFS
CHAIRMAN,S.E.I.A.A.

Copy to:-

1. Commission/Secretary to Government, Forest & Environment Department, Civil Secretariat, Jammu for information please.
2. Chairman, Central Pollution Control Board, Parivesh Bhawan, C.B.D. ĩcum-Office Complex, East Arjun Nagar, Delhi-110032.
3. Chairman, J&K State Pollution Control Board, Transport Nagar, Narwal, Jammu for information & necessary action.
4. Conservator of Forests(Central) Ministry of Environment, Forest & Climate Change, Northern Office Bay No.24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030 for information please.
5. Secretary, State Expert Appraisal Committee, Jammu for information please.

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(O.P. Sharma)IFS,
Member-Secretary,
S.E.I.A.A.