

**INDIAN INSTITUTE OF TECHNOLOGY, KANPUR  
INSTITUTE WORKS DEPARTMENT  
CENTRAL OFFICE**

No. IWD/CO/2026-27/ 78  
Dated: 13/05/2026

**NIT No. 08/Civil/D1/2026-27**

Request for quote from empaneled architects under Non Academic category of IITK (limited tender) is invited for architectural design and engineering consultancy for Construction of Security Barrack at IIT Kanpur in two envelopes i.e. technical proposal (presentation) and financial quote for selection of architect.

This tender is in continuation of with the RFP towards “ Request for proposal for empanelment of architects for Academic / Non Academic Building” contract No. IWD/CO/2024-25/23, 24, 25 and only whoever qualified in the same of each category will be eligible to participate.

**Procedure**

1. Architects will be required to submit a technical proposal (proposed design of Construction of Security Barrack at IIT Kanpur as per architectural design brief) and a commercial proposal in two separate sealed envelopes. **The Technical proposal (presentation) has to be sent in a separate sealed cover and financial part will be sent in a separate sealed cover.**
2. The deadline for submission of proposals is the 03<sup>rd</sup> June, 2026 upto **3.30 PM** Indian Standard Time. Proposals have to be sent to the **Superintending Engineer, Central Office, Institute works Department (IWD), Indian Institute of Technology Kanpur, India,** By the above dead line. **The proposal will be opened on 04<sup>th</sup> June, 2026 at 3.30 PM.**
3. The Institute will inform for formal presentation and personal interview in advance with notice of at least 7 days.
4. Based on the design presentation (technical proposal) and personal interview the jury shall award marks out of 100 as per the following broad criteria:
  - a) Architectural quality, uniqueness and innovation demonstrated in the proposed design (20% weightage)
  - b) Environmental sustainability demonstrated in the proposed design (20% weightage).
  - c) Spatial efficiency and cost effectiveness including capital, operational and maintenance expenditure of the proposed design in respect of the capital, operational and maintenance expenditure and life cycle costs (20 % weightage).

- d) Knowledge of current global best practices in design of residential building and application thereof in the proposed design (20% weightage).
  - e) Overall quality of presentation and response to questions (20% weightage).
5. The decision of the tender committee will be final.
  6. The quotations should be on For- IIT Kanpur basis in INR only.
  7. Any questions can be directed to SE, IWD, Indian Institute of Technology Kanpur, India. (seiwd@iitk.ac.in)

List of Qualified Architect based on RFP towards "Request for proposal for empanelment of architects for Academic/ Non-Academic Buildings" contract No. IWD/CO/2024-25/3

Non-Academic Category:

- M/s Kanvinde Rai & Chaudhury
- M/s Arch EN Design
- M/s Pithavadian and Partners



(Vinay Kumar Tiwari)  
Superintending Engineer

## **Design Brief for Accommodation of Security staff.**

IIT Kanpur is desirous of creating Ground +2 storey (with the provision of future expansion), Security Barrack for Security staff at proposed location as marked on the plan of the vacant plot in front of present Shivli Gate, IIT (enlosed). The Security Barrack should have a total capacity of 300 persons in 20 persons sharing dormitory each. The consultants will thoroughly analyze the site and plan the layout to maximize natural light and ventilation. A brief description of the space requirements is enumerated hereunder:

### **Dormitory Halls:**

- Design halls to optimize space for beds with cupboard provisions. The total area of each dormitory shall be such that to accommodate 20 persons with a sufficient walking space. The halls should be fully ventilated.
- The following furniture are to be accommodated in each dormitory:
  - Twenty single beds with covered storage cupboards on each bed side.
  - One loft at +2100 level above beds.
  - One full-length mirror.

### **Common Areas:**

- A Dinning hall with kitchen facility for 100 persons to take meal in one shift at Ground floor.
- A common toilet facility at each floor with Indian WC's only.
- A common drinking water facility at each floor.
- A housekeeping store to be provided on each floor.
- Common rooms, recreational rooms, and an indoor fitness centre with exercise equipment.
- Area for service core: electrical and firefighting systems, staircases, lobby, etc


### **General Considerations:**

Design should maximize spatial efficiency while catering to all functional requirements. The net usable area is of prime importance and is the first step towards cost-effective design.

Design must reflect a modern trend, creating a cost-effective, vibrant environment that prioritizes functionality, sustainability and modern aesthetics.

Plan the layout of halls, corridors and common spaces to maximize natural light and ventilation. The room's layout should allow furniture location to be easily reconfigured to meet individual needs. The halls must be equipped with ambient, task, and accent lighting.

Incorporate sustainable design principles such as rainwater harvesting, wastewater treatment and recycling systems and energy-efficient lighting.



Provide adequate parking for two-wheelers or bicycles as per applicable standards and building by-laws.

Material selection and finishes must be created for ease of maintenance and durability, while keeping lower costs in view.

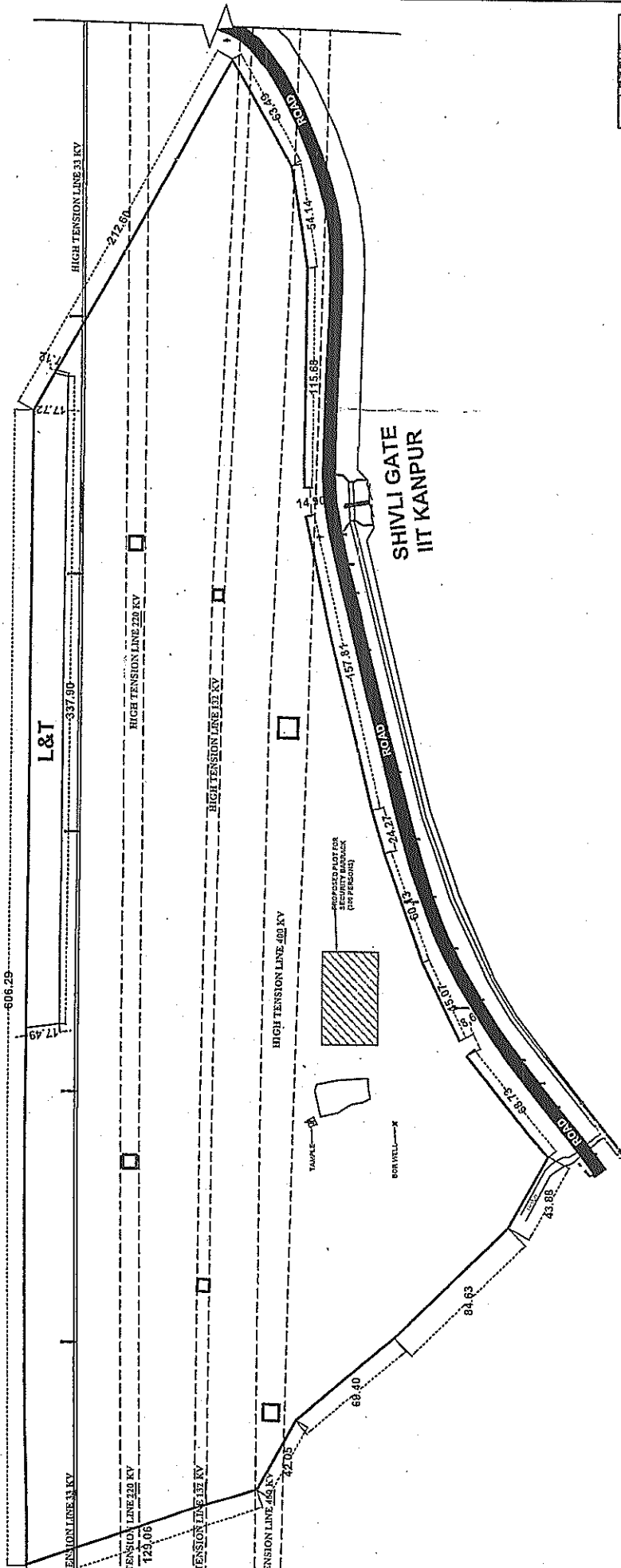
Create optimized green spaces to enhance the living environment, including outdoor recreational facilities like volleyball and badminton.

External pathways must be pedestrian-friendly, allowing easy movement through the shortest route. Proper connectivity to the road leading to Shivli Gate.

Innovative but functional solid waste management solutions to enable easy collection and disposal. Spaces for SWM must be provided in corridors, and common areas. Make provisions for collecting, storing and transporting different categories of solid waste.

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LEGEND	
	EASEMENT ROAD
	BOUNDARY WALL
	LINT - FENCE
	BRANT/MALA
	ELECTRIC POLE
	GPO
	TRANSMISSION TOWER
	GATE



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