

CORRIGENDUM – III

NIT No: NU/Engg/2025-26/EPC-03 DATED 05.12.2025

NAME OF WORK: Engineering, Procurement and Construction (EPC) of Interior Works for the Nalanda Library Building at the Main Campus of Nalanda University at Rajgir, Bihar including wooden partitions, cabinets for FCUs, service bands for electrical, HVAC, CCTV, Data, DALI etc., fixed cupboards, storages (normal storage & compactors etc.), wooden flooring (wherever applicable), carpets, acoustic works, wall paneling, false ceiling, blinds, white boards, tack boards, skylights, glazing work, aluminum work, fabrication work, work stations, office tables, customized conference tables, signage & wayfinding, complete reception arrangements, supply and installation of double sided steel book racks, ergonomic reading chair, reading tables, research cubicles, lounge furniture with comfortable seating, heavy duty book trolley / cart, Magazine display racks, Newspaper stands, library grade step-stools, digital library workstations (wire-managed), and any other fixed furniture/interior items as per requirement.

Subject: Incorporation of Conceptual Architectural Direction & Design Integration Guidelines in EPC Tender for Interior & Furnishing Works – Library Building, Nalanda University.

In continuation of the above referred EPC Tender and subsequent technical presentations made by participating prospective bidders along with their design consultants, it has been decided by the Competent Authority that certain architectural and thematic elements, evaluated as being aligned with the vision of Nalanda University and its historic legacy, shall be incorporated as mandatory conceptual direction under the EPC framework.

Accordingly, the following amendments/additions shall form part of the tender documents:

1. Heritage-Based Architectural Framework

1.1 Dharmaganja Knowledge Mapping (Mandatory)

The EPC Contractor shall develop the interior design framework by incorporating a thematic knowledge mapping inspired by the historic Dharmaganja Library, including:

- Ratnasagar
- Ratnadadhi
- Ratnaranjaka

The thematic mapping shall influence:

- Floor-wise zoning
- Wayfinding strategy
- Graphic storytelling
- Knowledge hierarchy articulation

A detailed concept note (maximum two pages) explaining this mapping shall be submitted with the Technical Bid.

2. Entrance Architectural Treatment

2.1 Gopuram-Inspired Entrance Portico

The main entrance to the Library shall be architecturally enhanced through a contemporary interpretation of a **Gopuram-style portico**, serving as a monumental yet academic threshold.

Conditions:

- The design shall be abstract and restrained in character.
- It shall maintain proportional harmony with the Stupa-inspired main building.
- No devotional or religious symbolism shall be incorporated.
- Structural stability and weather durability shall be ensured.
- Detailed structural drawings and material specifications shall be submitted.

The EPC Contractor shall provide 3D views, material palette, and structural integration details.

3. Interior Architectural Elements

3.1 Gopuram-Inspired Book Rack Modules

Selected book shelving systems shall incorporate vertical stepped articulation inspired by Gopuram geometry.

Requirements:

- Modular and repeatable fabrication.
- Compliance with NBC fire safety norms.
- Structural stability for library-grade loading.
- Durable and low-maintenance materials.

3.2 Wooden Book Racks

In view of the architectural language of the Nalanda University campus characterized by exposed brick, earthy tones, and heritage-sensitive material expression the use of wooden book racks shall be considered for all major reading halls, thematic zones, and public-access shelving areas.

Technical Conditions:

- Book racks shall be fabricated using high-quality solid wood in kiln seasoned teakwood with internal structural reinforcement as required.
- Load-bearing capacity shall meet or exceed that of standard steel shelving systems.
- Teakwood quality shall meet CPWD Technical specifications

- All wood products shall be:
 - Termite-resistant
 - Fire-retardant treated as per applicable codes
 - Low-VOC compliant
 - Moisture-resistant suitable for Rajgir climatic conditions
- Steel shelving may be permitted only in:
 - Archival storage areas
 - Back-of-house stack rooms
 - Compact mobile shelving zones

The bidder shall submit structural load calculations and material specifications for approval.

3.3 Brick-Cladded Columns with Heritage Artwork Panels

Selected interior columns shall be treated with:

- Brick cladding reflecting Nalanda’s monastic brick architecture.
- Integrated mural panels depicting stylized Buddhist relic motifs or Nalanda archaeological carvings.

Conditions:

- Artwork shall be academic and interpretative in nature.
- No idolization or sculptural devotional elements shall be permitted.
- Treatment shall be limited to designated areas (not exceeding 20% of total column count).
- Materials shall be fire-resistant and maintenance-friendly.

4. International Scholarship Zone

A dedicated Partner Country / Global Scholarship Zone shall be provided featuring:

- Curated shelving modules
- Diplomatic seating interface
- Graphic panels and cultural interpretation

5. Signature Interior Architectural Element

The EPC Contractor shall incorporate at least one signature architectural intervention aligned with the Stupa-inspired geometry of the building, such as:

- Atrium cultural installation
- Heritage-inspired ceiling articulation
- Knowledge-spine feature wall

Such elements shall:

- Not obstruct fire egress.
- Be structurally integrated.
- Allow maintenance access.

6. Sustainability & Compliance Requirements

The design shall comply with:

- GRIHA-aligned interior sustainability parameters
- Visual comfort standards
- Thermal comfort standards
- Indoor air quality requirements
- Certified low-VOC materials
- Life-cycle cost evaluation

All major materials shall be certified and documented.

7. Classic Central Staircase Connecting Quadrants to Mezzanine Floor

7.1 Architectural Intent

A **classic, elegant staircase** shall be designed and constructed at the Ground Floor level to provide visual and physical connectivity between all four quadrants and the mezzanine floor.

The staircase shall:

- Act as an architectural focal element within the central atrium space.
- Enhance circulation clarity between quadrants (Q1, Q2, Q3, Q4).
- Reinforce the monumental and academic character of the Library.

7.2 Architectural Language & Materiality

The staircase shall:

- Be finished with exposed brick cladding in harmony with the campus architectural vocabulary.
- Reflect the texture, bonding pattern, and tonal quality of existing Nalanda campus brickwork.
- Incorporate solid parapet or railing elements compatible with exposed brick aesthetics (stone/metal/brick combination permitted subject to approval).
- Maintain classical proportions and symmetry aligned with the stupa-inspired geometry of the building.

The design shall avoid over-ornamentation while maintaining elegance and dignity appropriate for a world-class academic institution.

7.3 Technical & Safety Requirements

The staircase shall comply with:

- NBC 2016 provisions for public buildings.
- Adequate tread and riser proportions.
- Handrail height and safety norms.
- Anti-skid finish on treads.
- Fire and egress compliance.

Structural stability calculations and detailed drawings shall be submitted and approved prior to execution.

8. Ceiling Treatment Strategy (Selective False Ceiling Approach)

8.1 In alignment with the architectural ethos of Nalanda University characterized by structural honesty, exposed material expression, and minimalistic intervention the provision of false ceiling shall not be mandatory across all areas.

8.2 In major reading halls, atrium zones, circulation corridors, and open study areas, the existing structural ceiling (RCC slab/beam system) may be retained in exposed form, finished appropriately (e.g., surface treatment, paint finish) to maintain architectural integrity and volumetric height.

8.3 False ceiling shall be provided only in areas where technically required, such as:

- 8.3.1 HVAC duct concealment zones
- 8.3.2 Acoustic-sensitive spaces (lecture halls, conference rooms)
- 8.3.3 Electrical containment where unavoidable
- 8.3.4 Areas requiring fire-rated separation

8.4 The EPC Contractor shall submit:

- 8.4.1 A ceiling zoning plan indicating areas with and without false ceiling.
- 8.4.2 Justification for each location where false ceiling is proposed.
- 8.4.3 Acoustic and HVAC integration strategy.

9. Bid Submission Requirements (Additional)

1. Concept Narrative (Legacy Integration – max 2 pages)
2. Floor-wise zoning plan
3. Minimum 6 interior 3D views (Entrance, Reading Hall, International Zone, Exhibition, Lecture Hall, Special Collections)
4. Material palette sheet
5. Sustainability compliance statement
6. Optional immersive technology proposal (if any) with separate costing

10. Clarification

- 10.1 The above conceptual directions are derived from technical evaluation of multiple design presentations and are intended to establish architectural consistency and heritage alignment.

- 10.2 These provisions shall not be construed as proprietary to any individual participant and shall be uniformly applicable to all bidders.
- 10.3 All other terms and conditions of the Tender shall remain unchanged.

Issued with approval of the Competent Authority.