

EXPRESSION OF INTEREST (EOI)

From Eligible Organizations for Technical Consultation, Site Assessment and Conceptual Design for Establishment of PET-CT, Gamma Camera (SPECT/SPECT-CT) and High Dose Therapy Ward Facilities at UPUMS, Saifai under Design, Build, Operate, Finance and Maintain (DBOFM) Public–Private Partnership Model

Background

Uttar Pradesh University of Medical Sciences (UPUMS), Saifai is a premier medical university comprising a teaching hospital, academic institutions, administrative offices, hostels and associated facilities.

UPUMS proposes to establish advanced Nuclear Medicine and Molecular Imaging facilities comprising a Positron Emission Tomography–Computed Tomography (PET-CT) Facility, Gamma Camera (SPECT/SPECT-CT) Facility and High Dose Therapy Ward (Radionuclide Therapy Isolation Ward) in the University for cancer diagnosis, staging, treatment response assessment, radionuclide therapy and other allied clinical services.

The facilities are proposed to be developed through an appropriate Design, Build, Operate, Finance and Maintain (DBOFM) Public–Private Partnership (PPP) model.

Purpose of EOI

UPUMS invites Expressions of Interest (EOI) from eligible organizations for obtaining technical inputs, conceptual designs, implementation approaches, deployment strategies and DBOFM framework recommendations for establishment of the proposed Nuclear Medicine facilities.

The EOI is intended as a consultative and technical assessment exercise and shall not be construed as a procurement, tendering or selection process.

The information received through this EOI shall be utilized by UPUMS for finalization of project requirements, technical specifications, deployment framework, service requirements, concession framework, Bill of Quantities (BOQ) and preparation of tender documents for subsequent procurement.

Scope of the Proposed Project

The proposed project may include, but is not limited to:

1. PET-CT Facility
2. Gamma Camera / SPECT / SPECT-CT Facility
3. High Dose Therapy Ward (Radionuclide Therapy Isolation Ward)
4. Radiopharmaceutical Handling Infrastructure
5. AERB-compliant Radiation Safety Infrastructure
6. Civil, Electrical, HVAC and Radiation Shielding Requirements
7. Medical Equipment Supply, Installation and Commissioning
8. Clinical Operations and Manpower Deployment Framework
9. Radioactive Waste Management and Effluent Disposal System
10. Information Technology, PACS/RIS/HMIS Integration
11. Quality Accreditation and Regulatory Compliance (AERB, BARC, NABH)
12. Operation and Maintenance Framework
13. Financing and DBOFM Implementation Framework
14. Future Scalability and Expansion Provisions

The exact scope shall be finalized by UPUMS based on institutional requirements and inputs received through the EOI process.

Eligibility

The EOI is open to eligible Public Sector and Private Sector organizations having demonstrated experience in the following areas:

- a. Design, installation, commissioning, operation and management of PET-CT, SPECT/SPECT-CT or Nuclear Medicine facilities in India.
- b. Design, installation, commissioning, operation and management of High Dose Therapy Ward (Radionuclide Therapy Isolation Ward) facilities in India.
- c. Experience in Design, Build, Operate, Finance and Maintain (DBOFM), Public-Private Partnership (PPP) or similar healthcare infrastructure projects in Central/State Government departments/undertakings shall be desirable.

SCOPE OF PARTICIPATION:

Participating organizations shall undertake the following activities:

A. Site Assessment

Participating organizations shall:

- a. Visit the UPUMS Campus and associated facilities.
- b. Assess existing infrastructure, utilities and clinical requirements.
- c. Identify suitable deployment locations and infrastructure requirements.

B. Technical Presentation

Participating organizations shall make a detailed presentation covering:

- a. Proposed technological solution
- b. Facility architecture and design philosophy
- c. Functional features and clinical capabilities
- d. Radiation safety and regulatory considerations
- e. Equipment configuration and technology options
- f. Cybersecurity and digital integration requirements
- g. Operation and maintenance framework
- h. Implementation methodology
- i. Relevant project experience

C. Conceptual Design and Deployment Plan

Submit a Conceptual Project Report containing:

- a. Proposed solution architecture
- b. Deployment strategy
- c. Facility-wise implementation framework
- d. Civil, electrical and utility requirements
- e. Radiation safety framework
- f. Equipment configuration
- g. IT integration architecture
- h. Training and capacity-building plan
- i. Operation and maintenance model
- j. Indicative DBOFM implementation approach
- k. Implementation roadmap
- l. Risk mitigation measures

D. Technical and Operational Deployment Framework

Participating organizations shall provide:

- a. Recommended equipment configuration
- b. Suggested capacity and service framework
- c. Infrastructure and utility requirements
- d. Radiopharmaceutical logistics recommendations
- e. Radiation protection framework
- f. Operation and maintenance approach
- g. Scalability provisions
- h. Any other technical recommendations considered necessary for successful implementation.

E. Technical and Financial Recommendations

Provide recommendations regarding:

1. Technical specifications
2. Performance parameters
3. Service Level Agreements (SLAs)
4. Warranty and maintenance requirements
5. System and facility availability requirements
6. DBOFM implementation approach
7. Future integration and expansion possibilities

Important Conditions

1. This EOI is intended solely for obtaining technical inputs, conceptual designs, implementation approaches and DBOFM framework recommendations from eligible organizations.
2. No commercial bids, financial quotations, Bill of Quantities (BOQ), price schedules, budgetary estimates or financial proposals are required to be submitted under this EOI.
3. Participation in this EOI shall not confer any right, claim or entitlement for award of work.
4. The recommendations and submissions received from participating organizations may be utilized, modified, adapted or incorporated by UPUMS for preparation of technical specifications, BOQ, concession framework, service requirements and tender documents.
5. UPUMS reserves the right to accept, reject, modify or utilize any recommendations received during the EOI process.
6. No financial liability shall arise on UPUMS towards participating organizations for site visits, presentations, reports, conceptual designs, recommendations or any other activity undertaken in connection with this EOI.
7. Based on the outcome of this EOI, UPUMS may formulate detailed technical specifications and subsequently undertake procurement through a separate competitive process in accordance with applicable Government rules, regulations and institutional policies.

Submission Requirements

Interested organizations may submit:

- a. Organizational Profile
- b. Details of relevant projects/assignments undertaken
- c. Contact details of authorized representatives
- d. Any other information considered relevant

Submission Details

The Registrar
Uttar Pradesh University of Medical Sciences
Saifai, Etawah – 206130
Email: upums.registrar@gmail.com
Website: <https://www.upums.ac.in>

Publication of EOI: 15.07.2026

Last Date for Submission: 29.07.2026

Site Visits and Presentations: Any Working Day (Till 28.07.2026; 5 PM)

Submission of Conceptual Project Reports: Any Working Day (Till 29.07.2026; 5 PM)

The dates may be modified by UPUMS at its sole discretion.

For any clarification contact: Mr. Ashish Yadav, Mob: 8299156567

Disclaimer

UPUMS reserves the right to amend, modify, withdraw, cancel or reissue this EOI at any stage without assigning any reason. The decision of UPUMS shall be final and binding in all matters relating to this EOI.


Registrar
UPUMS, Saifai