

**REQUEST FOR EXPRESSION OF INTEREST (EoI)  
PROCUREMENT, IMPLEMENTATION, TRAINING, MAINTENANCE AND  
MANAGEMENT OF ASSET MANAGEMENT SYSTEM (FOR IMSF AT IISC  
CAMPUS, BANGALORE)**



**EoI DOCUMENT**

**NO: IMSF/EoI/25-26/09 –**

**Procurement, Implementation, Training, Maintenance and Management of Asset  
Management system**

Date: 26.02.2026

**Director,  
IISc Medical School Foundation, Bangalore – 560012.**

## **1. INTRODUCTION AND OVERVIEW**

The not-for-profit, multi-speciality, Bagchi-Parthasarathy Hospital being established on the Indian Institute of Science (IISc), Bengaluru campus, as part of the new Tata-IISc Medical School, while providing quality care to the society at large caters to the clinical training and clinical research of the post graduate students in the academic programme. The hospital aims to also provide advanced facilities for diagnostics, treatment and research.

- **Vision & Mission**

Driven by an innovative “bench-to-bedside” approach, the hospital serves dual purposes: world-class clinical care and frontline biomedical research. It supports a unique MD-PhD dual-degree programme that trains physician-scientists to seamlessly integrate patient care with scientific discovery

- **Rich Heritage & Scale**

Established within the century-old IISc campus, India’s premier science and engineering institution, the hospital will include approximately **832 beds**, spanning 19 major and six minor operation theatres, and a full range of diagnostic services (CT/MRI/PET-CT/SPECT-CT/Mammography/BMD/X-ray/USG)

- **Advanced Speciality Wings with Comprehensive Care and Research includes**

Oncology, Cardiology, Neurology, Paediatrics/NICU, Endocrinology, Gastroenterology, Nephrology, Urology, Dermatology, Plastic surgery, Organ transplant, Robotic surgery, Orthopaedic, Cardiology, Radiology and Emergency. It also features a bio-specimen repository and bio-bank for research, and co-located with IISc’s Centre for Brain Research for collaborative neuroscience studies

- **Tech-Driven & Digital-first**

Designed to be a **digital, “smart” hospital**, the hospital will implement advanced digital technologies, infrastructure and solutions that enhances the operational efficiency. With the integration of the electronic medical records (EMR), telemedicine capabilities (including haptics interfaces), and data-driven clinical workflows enables comprehensive clinical data management and empower all the users by providing information at their finger tips

**Key differentiators on how Bagchi-Parthasarathy Hospital in Bangalore stands out significantly from other hospitals of the region include the following**

<b>Feature</b>	<b>Bagchi-Parthasarathy Hospital</b>
Research-Clinical integration	Physicians trained as Researchers; Embedded Labs & programs
Funding & Specialty Wings	Corporate-backed, hi-tech NICU, Geriatrics, Orthopaedics, etc.
Scale & Non-profit status	832 beds; not-for-profit with educational mission
Smart Hospital Technology	Digital-first vision, Patient Empowerment features

## **2. OBJECTIVES**

- Implement a comprehensive Asset Management System for lifecycle management of biomedical and non-biomedical assets across the hospital.
- Enable digital workflows for asset procurement, tracking, maintenance, inventory management, audits, and retirement.
- Integrate the Asset Management System with hospital ERP, financial systems, and clinical information systems for seamless data exchange and governance.
- Support barcode/RFID/IoT-based asset identification and real-time dashboards for operational monitoring and decision-making.
- Ensure compliance with regulatory, accreditation, and financial governance requirements through standardized reporting and audit trails.

## **3. PROJECT DETAILS / SCOPE OF WORK**

- The Asset Management System shall be designed, implemented, and maintained to enable end-to-end digital management of hospital assets across their lifecycle, including procurement, tracking, maintenance, inventory management, audits, and retirement.
- The system should provide role-based access, audit trails, enterprise reporting, and integration capabilities with hospital ERP and financial systems to support operational efficiency and governance.

#### 4. General System Requirements

The proposed system should support the following general and cross-functional capabilities:

- System should be robust, scalable, and capable of handling operational load without performance degradation
- Item master creation and updation
- Need-based customization/configuration as per hospital requirements
- Comprehensive audit log of all transactions and changes across modules
- The system should support compliance with applicable healthcare regulatory requirements such as AERB, PCPNDT, CDSCO, and other statutory authorities as applicable.
- The system should incorporate appropriate cybersecurity safeguards to protect against unauthorized access, data breaches, and cyber threats, ensuring secure and reliable system operations.
- Role-based access control and user management
- Configurable KPI tracking and performance monitoring dashboards
- Standard dashboards, MIS reports, and lifecycle cost analytics including Total Cost of Ownership (TCO) analysis

Our vision emphasizes a centralized, digital, and governance-driven Asset Management System. Below are the key features we wish to include:

Module	Key Features Required
Asset Procurement	ERP / Financial System Integration
	Parent and child locations
	Main and sub-categories of assets
	Automated RFQ / Quotation Management
	Vendor evaluation and comparison
	Purchase request
	Approval workflow
	Purchase orders
	Goods receiving
	Asset creation
Tax & GST integration for asset procurement	

Vendor Management	Vendor selection and onboarding
	Vendor shortlisting and empanelment workflows
	Vendor performance evaluation and rating
	Integration with procurement for automated re-ordering
	Vendor analytics and performance reports
Asset Tracking	Geo-location mapping
	QR Code / Barcode
	RFID / BLE / IoT, ELV integration
	Mobile application (Barcode-based asset intelligence)
	Asset allotment with approval workflow
	Movement history of assets
	Asset document management (manuals, certificates, warranty, AMC documents, statutory compliances etc)
Maintenance Management	Process mapping for breakdown and preventive maintenance
	Maintenance schedules
	Email and phone alerts
	Service helpdesk
	Provision for raising complaint/service request tickets via mobile application.
	Automated service ticket triggering (Vendor + Internal Teams as mapped)
	Asset recall management and tracking for manufacturer or regulatory recalls
	Warranty and AMC management with proactive alerts
	Dashboard for open tickets
	Sterilization tracking for applicable equipment
	Maintenance cost analysis
	Equipment utilization and performance analysis
	Tracking of in-house and third-party equipment calibration schedules and records
Breakdown analysis	
Inventory Management	Item master for all spares and consumables items
	Multiple inventory locations

	Re-order levels
	Inventory management
	Purchase and consumption reports
Audits & Verification	Self and aided audit
	Multiple parallel audits
	Mobile app for audit
	Scanning of QR code labels
	Instant variance reports
Asset Retirement	Define useful life of assets
	Asset depreciation calculation and tracking
	Alerts on reaching asset end-of-life
	Asset life extension and revaluation post depreciation
	Asset condemnation workflow and approvals
	Asset disposal and e-waste management as per regulatory guidelines
	Asset discard workflow with audit trail
	Discard due to loss, theft, damage, obsolescence

## 5. ELIGIBILITY CRITERIA

To ensure the successful procurement and implementation of the Asset Management System, vendors participating in this EoI must meet the following qualification criteria:

### Technical Specification:

#### Registration:

- The Enterprise Asset Management System provider must be a legally registered entity in India with a valid legal structure (Company, LLP, Partnership, etc.) under applicable laws.
- Must submit valid business registration documents including Certificate of Incorporation, GST, PAN, etc.

**Experience:** The firm should have

- Experience in implementation of asset management or enterprise software solutions for healthcare institutions, hospitals, or enterprise organizations is required for a minimum period of 5 years
- Experience with ERP, financial systems, HIS/EHR integrations.
- Preferable local support presence in Bangalore, India.
- List of similar implementations in India to be provided.

All client details for reference/validation (except commercial contracts) must be submitted.

**Declaration for Transparency:**

- Applicant should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of India/State Government (self-declaration format to be submitted as per Annexure), including blacklisting, etc.
- Declaration of any ongoing legal disputes that may affect project execution must be provided.

**Data Ownership & Confidentiality:**

- All data, records, and system-related information generated under this project shall remain the exclusive property of IMSF.
- The selected vendor shall maintain strict confidentiality of all hospital information and shall sign appropriate Non-Disclosure and Confidentiality Agreements as required.

**Compliance and Security Standards**

- The vendor should ensure compliance with applicable data protection, privacy, and security regulations as per institutional and statutory requirements.

**Team Composition**

- The vendor should have adequate technical and functional resources for implementation, training, and support of the proposed system.

**Financial Capability**

- The vendor must be financially stable and submit audited financial statements for the past 3 years.
- No history of bankruptcy or financial insolvency.

## **Client References**

- Provide references and contact details of at least **5 previous clients** for similar asset management or enterprise software projects.
- References should be willing to provide performance feedback upon request.

## **Support and Maintenance**

- Ability to provide ongoing technical support and maintenance post-implementation for a pre defined period.
- Must outline Service Level Agreements (SLAs), response timelines, and escalation matrix

**The Conditions of EoI are the terms under which IMSF will receive and assess Expressions of Interest (EoI). Non-compliance with these conditions may result in the EoI being disqualified without further review.**

The EoI must include all relevant details and information requested in this document. This should only include the technical bid. Following the submission of the Expression of Interest (EoI), vendors who meet the initial requirements will be invited to submit a detailed technical and financial bid. If felt necessary, the vendor(s) may be called for a physical presentation which will serve as an opportunity for them to showcase their proposed solutions, including technical capabilities, product features, and how their offering aligns with the project's objectives. The technical bid must also demonstrate compliance with the relevant global and national industry standards. After the initial evaluation and if felt necessary, IMSF will communicate any additional specifications that need to be incorporated into the solution.

After the initial evaluation, the shortlisted vendors will be required to submit detailed technical and financial bid. The technical bid should have comprehensive information on the technology, equipment, systems, services they plan to provide and should be filled appropriately in the format which will be provided

The financial bid should outline the financial aspects of their proposals, including costs for software, installation, support, and any other related services. The final selection will be based on a combination of technical merit and cost-effectiveness to ensure the best overall solution for IMSF.

## **6. TIMELINES AND CONTACT DETAILS**

**The due date for submission of EoI is 19<sup>th</sup> March 2026, Thursday, 5:30 pm Indian Standard Time.**

Enquires, and requests for further information about this RFQ, should be directed to the Contact Officer as follows:

Contact Officer: Mrs. Dhanyasree S., Admin Executive

IISc Medical School Foundation/ Office of Admin Deans

Main Building, IISc, CV Raman Road, Bangalore – 560 012

Contact No: +91 8022933584

Email Id: [office@iiscmedicalschoolfoundation.org](mailto:office@iiscmedicalschoolfoundation.org)

**Annexure I: Checklist for Technical Bid to be completed and attached along with the submission**

<b>CHECKLIST FOR VENDOR BEFORE SENDING THE TECHNICAL BID</b>		
<b>Sl. No.</b>	<b>Checklist parameter</b>	<b>Yes/No</b>
1	All pages of EoI document shall be duly signed and sealed by the authorized signatory, as part of the EoI compliance, must be enclosed with the technical bid.	
2	Availability of technical proposal along with the documents mentioned in the EoI need to be provided in sealed envelope, mentioning IISc EoI reference number on the envelope (PLEASE DO NOT INCLUDE ANY COMMERCIAL DETAILS IN TECHNICAL ENVELOPE)	
3	Availability of the technical compliance table to be enclosed on the technical bid. Please provide both pdf and worksheet like excel format.	
4	Please provide both a pdf and worksheet like excel format in a pendrive inside the envelope.	
5	All the brochure and technical data sheet for the products need to be attached in the envelope as applicable.	

**Annexure II**  
**Self-Declaration Format**

Ref. No.:

Date:

To:  
The Director  
IISc Medical School Foundation

With reference to our Expression of Interest to IISc, it is hereby declared that IMSF was not declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period by any Government or other agency.

IMSF also declares that there are no contractual restrictions or legal disqualifications or other obligations which will prohibit from us entering this bid and each and every one of the statement and particulars contained herein are correct.

Signature of the Applicant