

DATE EXTENSION NOTICE

Due to administrative reasons the date of submission of the following EOI invited is extended as follows:

Name of Service	Last Date & Time for Submission of EoI Documents
Concept Design, Detailed Project Report (DPR) Preparation, and Execution Support for Establishing the International State-of-the-Art Sanitation Experium at ASCI College Park Campus, Hyderabad	5 th January, 2026, 5:00 PM IST
EoI documents i.e. form and other terms & conditions/details can be downloaded from ASCI Hyderabad. Website: (https://www.asci.org.in).	

For queries, if any, mail: ankurp@asci.org.in



Expression of Interest (EoI)

For Selection of Consultant for Concept Design,
Detailed Project Report (DPR) Preparation, and
Execution Support for Establishing the International
State-of-the-Art Sanitation Experium

at

Administrative Staff College of India (ASCI), Hyderabad

1. Invitation for EoI

The Centre for Environment, Urban Governance and Infrastructure Development (CEUG&ID), The Administrative Staff College of India (ASCI), , invites **Expressions of Interest (EOI)** from experienced, multidisciplinary consulting firms and consortiums for undertaking the **Concept Design, Detailed Project Report (DPR) Preparation, and Execution Support** for the development of the proposed **International State-of-the-Art Sanitation Experium** on its campus in Hyderabad.

The Sanitation Experium is envisioned as a **globally benchmarked experiential learning and demonstration facility**, combining the strengths of museum design, innovation ecosystems, technology demonstration, and immersive digital learning to educate, inspire, and influence the sanitation and urban water governance ecosystem in India and beyond.

ASCI is seeking a firm/consortium capable of conceptualizing this world-class facility, detailing the entire technical and architectural requirements, and supporting the College throughout the execution and commissioning of the project. The assignment begins with an intensive **one-month Concept Design phase**, followed by DPR preparation and **continuous execution support for 12–15 months**.

2. Project Background and Rationale

Sanitation systems in India, and globally, are undergoing rapid transformation driven by technological advancements, policy innovations, and a fundamental shift in public awareness and behavior. The **Swachh Bharat Mission (SBM)** has catalyzed national awareness, improved sanitation access at an unprecedented scale, and significantly influenced global discourse on hygiene and waste management.



At this critical juncture, ASCI intends to establish a **Sanitation Experium**, which will serve as:

A world-class experiential centre to:

- Showcase the evolution of sanitation, from ancient systems to modern engineered solutions.
- Demonstrate cutting-edge sanitation and wastewater technologies including decentralized systems, robotics, sensor-based monitoring, digital twins, and circular economy models.
- Provide immersive VR/AR experiences that bring to life the invisible world of sanitation systems, the complex ecosystem of wastewater management, and the realities of sanitation workers.
- Inspire students, including young learners, through hands-on scientific explorations, STEM-based activities, and innovation challenges.
- Exhibit India's sanitation success stories, including transformational narratives under SBM and FSSM policies.
- Build a platform for innovators, startups, and technology providers to present their work and engage directly with policymakers and urban decision-makers.
- Promote sanitation as a subject of public imagination, creativity, and cultural expression through art, storytelling, design, and interactive installations.

Purpose and Impact

The Sanitation Experium will function not only as a museum or exhibition space, but as an **innovation lighthouse, a learning laboratory, and a policy engagement hub** where:

- Government officials learn practical and emerging solutions
- Engineers and practitioners acquire new skills
- Innovators demonstrate scalable solutions
- Students develop a scientific understanding of sanitation
- Citizens experience sanitation as a creative, cultural, and scientific narrative

This holistic experience demands a consultant who can integrate **architecture, engineering, digital immersive media, sanitation systems expertise, museum design, pedagogy, and storytelling** into a coherent and high-impact facility.

3. Objective of the EoI

The primary objective of this EoI is to identify consulting firms or consortiums with the capability to deliver:

1. **A comprehensive and visionary Concept Design** within the first month.
2. **A technically robust and fully detailed DPR**, covering architectural, engineering, exhibit design, and financial dimensions.
3. **Full execution support until commissioning**, including vendor coordination, quality monitoring, technical reviews, and preparation of O&M and operational protocols.

ASCI intends to shortlist competent firms from this EoI process and subsequently issue a **Request for Proposal (RFP)** to the shortlisted entities.

4. Detailed Scope of Work

The selected consultant will undertake the following responsibilities:

A. One-Month Concept Design Phase (Intensive Design Stage)

This stage forms the creative foundation of the Experium and must be completed within 30 days. It includes:

1. Concept Vision and Design Philosophy

- Developing a narrative and thematic blueprint for the entire Experium.
- Defining the architectural and experiential identity of the facility.
- Integrating global best practices and local contextual realities.

2. Spatial Planning and Zoning

- Conceptual zoning of galleries, labs, walkways, VR/AR areas, halls, and demonstration zones.
- Visitor flow design that ensures safety, accessibility, and narrative coherence.
- Dedicated children's discovery zone integrating scientific experimentation and innovation challenges.

3. Preliminary Exhibit Design and Storyline Development

- Layout and concept sketches for technology galleries, historical narratives, working models, sanitation innovation zones, and digital installations.
- Conceptualization of the AR walkway that simulates sanitation worker environments.
- Framework for VR journeys (e.g., wastewater through treatment plants, future cities, India's sanitation history).
- Initial sketches for art installations, storytelling walls, and interactive display units.

4. Policy Engagement Design

- Concepts for policymaker-focused zones
- Decision-support dashboards and technology evaluation tools
- Spaces for curated policy-tech dialogues and workshops

5. Initial Technical Framework

- Preliminary architectural layouts
- High-level requirements for VR/AR hardware
- Conceptual BOQ and indicative costs

6. Implementation Roadmap

- Conceptual phasing of construction, exhibit development, procurement, and commissioning
- Identification of critical dependencies

B. DPR Preparation Phase

After the concept design is approved, the consultant shall prepare a comprehensive DPR including:

1. Site Assessment and Master Planning

Topographical surveys, structure assessments, utility mapping, and integration of new and existing buildings.

2. Detailed Architectural Designs

Fully developed architectural drawings, interior designs, space specifications, accessibility standards, and material selections.

3. Engineering and MEP Designs

All civil, structural, electrical, plumbing, HVAC, fire safety, and IT infrastructure.

4. Technical Specifications for Exhibits

Complete documentation for:

- VR/AR modules
- Interactive dashboards
- Working models (STP, FSTP, DEWATS, sewer networks, FSM cycle)
- Digital content and multimedia experiences
- Children's STEM and science lab installations

5. Outdoor Demonstration Facility Design

Layout and technical design for outdoor sanitation models and real systems.

6. Environmental Surveillance Lab Strengthening Plan

Equipment lists, workflow diagrams, and laboratory upgrade designs.

7. Comprehensive BoQ and Cost Estimates

Item-wise costing for civil works, interiors, AV, VR/AR, models, IT systems, landscaping, and O&M.

8. Procurement Strategy

Vendor packaging, technical specifications, and bid-ready documentation.

9. Detailed Implementation Schedule

A Gantt chart covering all phases of construction and commissioning.

C. Execution Support Until Commissioning

The consultant shall remain engaged throughout construction and installation:

1. Technical Review and Quality Assurance
2. Coordination with Multiple Vendors/Contractors
3. Validation and Testing of Exhibits, VR/AR systems, and working models
4. Monthly Progress Reporting
5. Commissioning Assistance
6. Preparation of O&M Manuals, SOPs, and staff training modules

5. Mandatory Submission Requirements

Interested consultants must submit:

A. A Detailed Concept Note

An elaborative note demonstrating:

- Understanding of sanitation systems
- Vision for the Sanitation Experium
- Proposed architectural and conceptual approach
- Ideas for VR/AR experiences
- Children's science and innovation learning concepts
- Approach to sanitation worker AR experience
- Integration of technology, storytelling, and art
- Conceptual illustrations (optional but encouraged)

B. Comprehensive Firm/Consortium Profile

- Legal status, ownership structure
- Technical capabilities and service portfolio
- History of operations and major clients
- Details of consortium partners and division of responsibilities

C. Relevant Experience Documentation

- Minimum of 10 years in museum/science centre/exhibition design
- Experience in sanitation/environmental engineering preferred
- Experience with digital content, VR/AR installations
- Completion certificates, project photos, links, and detailed project descriptions

D. CVs of Proposed Team Members

Including their qualifications, experience, and specific roles in this project.

E. Budget Proposal

- Cost for the one-month concept design phase
- Cost for DPR preparation
- Cost for long-term execution support
- Professional fees and rate cards
- Assumptions, exclusions, and tax implications

F. Compliance Documents

- Registration certificates
- PAN, GST
- Consortium MoU (if applicable)
- Self-certification declaring no conflict of interest

6. EOI Submission and Timeline

- **Last Date for Submission:** 15 days from EOI release
- **Submission Format:** Through Email to Dr Ankur Parashar, ASCI
ankurp@asci.org.in

Late submissions will not be considered.

7. Evaluation & Shortlisting Process

All submitted Expressions of Interest (EOIs) will be evaluated using a Quality and Cost-Based Criteria (QCBC) framework. The evaluation will be based on the criteria outlined below. Shortlisted firms will subsequently be invited to submit a detailed proposal at the Request for Proposal (RFP) stage.

S. No.	Evaluation Criteria	Assessment Focus	Maximum Score
1	Depth and Quality of the Concept Note	Clarity of problem understanding; innovativeness of the approach; coherence of the proposed methodology; feasibility and practicality of the concept	25
2	Relevance and Robustness of Past Experience	Relevant previous assignments; experience in design, modelling, VR/AR, or technical documentation; experience with government/urban sector; demonstrated track record	20
3	Quality of Proposed Team	Qualifications and expertise of key professionals; balance of design, engineering, technical writing, and project management skills; availability and time commitment	15
4	Capacity to Deliver VR/AR, Models, Architectural and Engineering Expertise	Demonstrated capability in producing VR/AR content, digital/physical models; availability of technical tools; strength of portfolio and previous outputs	10
5	Financial Soundness and Reasonableness of the Budget Proposal	Financial stability; alignment of proposed costs with the scope of work; clarity, transparency, and justification of budget components	30
Total			100

Firms scoring **70 marks or above** will be considered for shortlisting.

8. Contact Information

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9. Disclaimer

ASCI reserves the right to accept or reject any or all EOIs, to cancel the process at any stage, or to modify the scope without assigning any reason.