

EXPRESSION OF INTEREST (EOI)

Technical Solution for “Water Management and Rain Water Harvesting Plan” for the Campus of GSFC University, Vadodara

Preamble

Sustainability lies at the core of GSFC University's vision to create a harmonious balance between development and environmental conservation. Recognizing the pressing need to address global environmental challenges, the university has embraced a proactive approach by implementing various sustainability and eco-friendly initiatives. These efforts reflect the institution's unwavering commitment to reducing its ecological footprint while fostering stewardship among its students, faculty, and the broader community. By integrating green principles into its infrastructure and operations, GSFC University aims to serve as a role model for sustainable practices, paving the way for a greener, more resilient future.

GSFC University intend to invite Expression of Interest (EOI) from the potential Consultants / Agencies in the field of Water Management and Rain Water Harvesting Field. It is requested to go through the EOI placed herewith and in case of any further details required for submission of techno-commercial proposal, please contact on Email ID – deputy.director@gsfcuniversity.ac.in

1. Water Management and Rainwater Harvesting Plan:

The university has implemented a robust rainwater harvesting system, which is a vital step toward water conservation. This system captures and stores rainwater for reuse, reducing dependency on groundwater and municipal

water supplies. By utilizing rainwater effectively, GSFC University ensures sustainable water management practices and reinforces its commitment to preserving natural resources.

Through these initiatives, GSFC University continues to demonstrate its dedication to creating a sustainable and eco-conscious academic environment, inspiring future leaders to prioritize and advance the cause of sustainability.

GSFC University has developed and implemented a comprehensive **Water Management Plan** aimed at ensuring the judicious use, conservation, and sustainable management of water resources across the campus. Recognizing water as a critical and finite natural resource, the university has adopted a holistic approach that integrates conservation practices, infrastructure development, monitoring mechanisms, and community participation.

2. Water Management Plan

The Water Management Plan at GSFC University focuses on optimizing water usage while minimizing wastage. The university regularly assesses its water consumption patterns and adopts strategies to enhance efficiency in both academic and residential areas. Key measures include:

- **Efficient Water Distribution Systems:** The campus is equipped with well-maintained pipelines and storage facilities to prevent leakage and water loss. Periodic inspections and maintenance ensure the optimal functioning of the water supply network.
- **Water-Efficient Fixtures:** Low-flow taps, sensor-based faucets, and water-saving sanitary fittings have been installed across buildings to reduce excessive water consumption without compromising usability.
- **Reuse and Recycling of Water:** Treated wastewater is reused for non-potable purposes such as gardening, landscaping, and cleaning, thereby reducing the demand for fresh water resources.

- **Awareness and Sensitization:** The university actively promotes water conservation awareness among students, faculty, and staff through workshops, notices, and sustainability campaigns, encouraging responsible water usage practices.

Through these measures, GSFC University ensures responsible water governance while aligning its operations with sustainable development goals.

3. Rainwater Harvesting Plan

As a key component of its water sustainability strategy, GSFC University has established a **Rainwater Harvesting Plan** to capture, store, and utilize rainwater effectively. This initiative significantly contributes to groundwater recharge and reduces dependence on external water sources.

- **Collection and Storage Systems:** Rainwater from rooftops, paved areas, and open spaces is collected through a network of gutters and channels and directed into dedicated storage tanks and recharge pits.
- **Groundwater Recharge:** The harvested rainwater is used to recharge borewells and underground aquifers, helping to improve groundwater levels and enhance long-term water availability.
- **Utilization of Harvested Water:** Stored rainwater is utilized for landscaping, irrigation, and other non-potable campus needs, ensuring optimal use of this natural resource.
- **Environmental Impact:** The rainwater harvesting system helps mitigate surface runoff, reduce soil erosion, and prevent waterlogging during heavy rainfall, contributing to a healthier campus ecosystem.

4. Commitment to Sustainability

Through the integration of a structured Water Management Plan and an effective Rainwater Harvesting Plan, GSFC University demonstrates its strong commitment to environmental stewardship and sustainable campus

development. These initiatives not only reduce the university's ecological footprint but also serve as practical learning models for students, instilling values of conservation and responsible resource management.

By continuously enhancing its water conservation strategies, GSFC University strives to set a benchmark in sustainable institutional practices and contribute meaningfully toward a water-secure and environmentally resilient future.

5. Terms & Conditions

- This EoI is intended to gather technical inputs and solution with Techno-Commercial Proposal.
It is not a Request for Proposal (RFP)/tender and does not guarantee award of work.
- GSFC University reserves the right to:
 - Reject any or all proposals
 - Modify scope
 - Seek clarifications or presentations

6. Submission Guidelines

All interested and eligible Consultants / Agencies are required to visit the GSFC University to understand our technical requirements in an explicitly clear manner. Subsequently, a complete proposal shall be submitted within the stipulated timeline.

7. Submission Timeline

- **Last Date for Submission:** 06th April, 2026, up to 5:00 PM IST

No submissions will be accepted after the closing date and time under any circumstances.

8. Mode of Submission

- Proposals must be submitted **in a sealed envelope/cover** addressed to:

The Director (Administration)

Anviksha Building, GSFC University

P.O. Fertilizernagar,

Vadodara – 391750, Gujarat, India

- The envelope must clearly bear the title:

“EOI for “Water Management and Rain Water Harvesting Plan for the Campus of GSFC University”
