



INVITATION TO UPGRADE STP

1. The project

The International Institute of Information Technology, Bangalore (IIIT-B), proposes to upgrade its two Sewage Treatment Plants (STPs) with an estimated cost of Rs 35.00 Lakhs.

2. The project scope :

- Auditing existing STP Plants (160 KLD & 50 KLD), review the current designs, capacities and performances.
- Review historical performance data like effluent quality, flow rates (peak / non peak), energy consumption etc.
- Assessing physical structures like diffusers, blowers, pumps, tanks, exhaust systems etc.
- Review the current treatment processes and propose if more advanced, cost-effective options available to improve the performance.
- Consider expanding treatment capacity if necessary.
- Upgrade automation systems and include real-time monitoring to optimize operations, prevent failures, and reduce manual intervention.
- Incorporate energy-efficient equipment, based on Global best practices and technologies, including respect for local constraints.
- Ensure that the plants comply with current environmental regulations and discharge standards.
- After revamping, test the systems to ensure that the plants meet the expected performance standards.
- A follow-up audit after 3 months to evaluate the improvements made and ensure long-term success.
- Train operators on maintenance practices.
- The final goal is to have a campus that is “zero discharge” and “100% waste water recirculation”

3. Implementation :

STP upgradation to be executed in currently operational campus and Contractor need to ensure minimal disruption in day to day activities in the campus. Contractor to

- Execute the project in phases to minimize disruption to ongoing operations.
- Prioritize areas that need immediate attention
- Provide a detailed cost breakdown for the revamping process, including capital costs, operational savings, and potential ROI through energy savings or regulatory compliance.



**International Institute of
Information Technology
Bangalore**
(Formerly Indian Institute of Information Technology)

4. Timelines :

Institute's summer vacation starts from Mid May till End June. All major installations / civil works need to be completed latest by 30.06.2025

5. Expression of Interest and award of contract

IIIT-B invites Consultants / Firms interested in Design and executing the proposed project. Interested firms are requested to visit our Campus at Electronics City (phase-1), Bangalore, inspect the existing STP Plants and send the following information:

- annual turnover of the firm for the last 3 years
- list of projects (preferably revamping works) completed in the last 3 years, along with client testimonials where available.
- Indicate budgetary quote (lumpsum) and proposed design / process modifications
- Based on the expression of interest, IIIT-B will short list up to 5 firms to design and upgrade existing STPs.
- Shortlisted bidders to submit sealed quotation to IIITB as per the schedule below.

IIITB's selection Committee will evaluate the Bids and select the contractor based on Techno commercial merit (Not necessarily lowest Bidder)

6. Schedule

- 30th April, 2025 : Invitation for the Expression of Interest (EOI)
- 10th May, 2025 : Expression of interest by firms to reach IIIT-B
- 13th May, 2025 : Short listing of firms by IIIT-B (maximum up to 5 firms)
- 20th May, 2025 : Shortlisted Bidders to submit Closed, detailed proposals with time lines
- 21st May, 2025 : Award of contract
- 30th June, 2025 : Preferred project completion

7. Contact : For more information, contact the Chief Administrative Officer (CAO) at 080-2852-7627/4140-7777 / 9686 5696 34 or send e-mail to cao@iiitb.ac.in

8. Expression of Interest is to be sent to:

**Chief Administrative Officer
International Institute of Information Technology
26/C, Electronics City
Bangalore -560100**