



REQUEST FOR PROPOSAL

RFP No.: BITS/GOA/WM/01

Date: 10th October 2018

BITS Pilani, KK Birla Goa Campus invites Proposals for upgrading Waste Management Solutions from Competent Organizations /Agencies.

Introduction

BITS Pilani, Goa Campus is spread over an area of **180 acres**. The Campus consists of Main Building, which has Academic and Administrative offices, Library, Guest House, Hostels for boys and girls, Messes, Student Activity Centre, Faculty and Staff Quarters, Medical Centre, Playgrounds and Shopping Complex.

Being fully residential campus, a substantial amount of both dry and wet waste is generated each day. There is a need to upgrade existing solution to handle waste streams generated across the campus to make the campus a **Zero Waste Unit**.

Campus Headcount

Current (2018-2019) – 3500 nos

Growth Plan (2020-2021) –7000 nos

Types of Waste Generated in the Campus

Organic Waste (Wet Waste)	Vegetable, Fruit Peels, flowers, left-over food, etc.
Dry Waste	All types of paper, plastic, metal cans, bottles, Tetra Paks, carton boxes, etc.
Sanitary Waste	Diapers, Sanitary Napkins, ear buds, etc.
E-Waste	Batteries, chargers, phones, PC, keyboard, mouse, home appliances, bulbs, tube lights, etc.
Hazardous Waste	Chemicals from Laboratories, medicines, etc.

Quantum of Waste Categories

Waste Category	Approx. waste generated per day	
	Current Population (2018-2019)	Growth Plan (2020-2021)
Organic Waste (Wet Waste)	~600 kg	~1200 kg
Dry Waste	~150 kg	~300 kg



Scope of Work:

- ✓ **Provide a Framework and Strategic Design along with implementation plan and process up-gradation for managing waste generated at BITS Pilani, Goa campus.**
- ✓ **Independently manage and monitor waste handling as per requirements.**
- ✓ **Creation of framework for waste management, including**
 - Collection of waste.
 - Sorting and Segregation of waste.
 - Design infrastructure for recycling of waste within the premises / disposing the non-recyclable waste outside the premises as per Government Rules.
 - Any other additional services as required and instructed w.r.t. waste management from time to time.
- ✓ **Implementation of eco-friendly substitute.**
- ✓ **Statutory and Audit compliances.**
- ✓ **Price Schedules for operation of the whole waste management activity.**
- ✓ **MIS Reporting on the waste management activities being carried out.**

Requirements from Agencies

- Statutory Approval/License from Government Authorities
- List of current clients and their feedback
- Competent Project Management Team and experienced workers
- Socially Responsible waste management
- Compliance of Health Safety and Environment safety at work place
- Audit compliances from time to time

Submission of Proposal

- Last date of submission of Proposal – On or before 25th October, 2018.
- Proposal shall be addressed to :
Mr. Pradeep Raikar
Birla Institute of Technology and Science, Pilani – KK Birla Goa Campus
NH17B, ByPass Road, Zuarinagar – Goa 403726
For enquiry/ further details, call: 0832 2580392
- You may visit BITS Pilani, Goa Campus site for any additional information or data collection from 11th to 18th Oct, 2018 during office hours.
- Shortlisted agencies would be called for demonstration and detailed discussion on the submitted proposal.
