



# ₹257 CRORE BUXAR SEWERAGE AND INTERCEPTION & DIVERSION (I&D) PROJECT

*It is a flagship liquid waste infrastructure initiative for Buxar.*

*Formally approved by the National Mission for Clean Ganga (NMCG) during its 59th Executive Committee meeting, the project aims to completely halt the discharge of untreated urban municipal wastewater into the Ganga River.*

## **Project Framework**

**Sanction Date:** January 31, 2025.

**Approved Budget:** ₹257 Crores.

**Execution Model:** Design, Build, Operate, and Transfer (DBOT).

**Operational Commitment:** The contracted vendor is legally bound to handle the complete Operation and Maintenance (O&M) of the network for 15 years post-construction.

**Nodal Executive Agency:** Bihar Urban Infrastructure Development Corporation (BUIDCo)

## **Core Technical Components**

*The project comprises an interconnected multi-stage network to capture and treat municipal sewage:*

- **Dual Sewage Treatment Plants (STPs):**
  - i. **50MLD Major Plant:** A large-scale facility utilizing high-efficiency Sequencing Batch Reactor (SBR) technology to process heavy municipal loads. While Buxar's current actual sewage generation is estimated at only 17 to 18 MLD, designing and building a 50 MLD STP is entirely focused on futureproofing the city's infrastructure.
  - ii. **1 MLD Eco-Plant:** A smaller standalone unit running on a Nature-Based Solution (NBS) to handle localized or peripheral flows sustainably.



- **Interception and Diversion (I&D):** Engineering structural setups to tap and intercept 19 major open drains across the town before they reach the riverbank.
- **Sewer & Delivery Network:** Construction of an 8.68 km long interceptor sewer network coupled with 2,700 meters of pressurized rising mains.
- **Sewage Pumping Stations (SPS):** Building 3 distinct pumping units with specialized capacities to maintain flow gradients:
  - Station 1: 2.17 MLD capacity
  - Station 2: 8.60 MLD capacity
  - Station 3: 11.62 MLD capacity

### **Current Operational Status**

*Tendering Stage: BUIDCo has floated the tender, and the bids are actively under review to finalize a qualified concessionaire.*

*Coordinating with BUIDCo & NMCG: With massive solid and liquid waste projects intersecting in Buxar such as the multi-crore drainage and STP frameworks sanctioned via BUIDCo and the National Mission for Clean Ganga, MLA, Buxar uses his past administrative experience to fast-track inter-departmental clearances. This prevents municipal standstills over land acquisitions for SWPUs or spatial clearances for MRF layouts.*



# Bihar

## Buxar's Major Leap for Conservation!

A 50 MLD STP, a 1 MLD nature-based STP, 8.68 km sewer network, and 3 interception pumping stations approved to keep the city cleaner. These projects

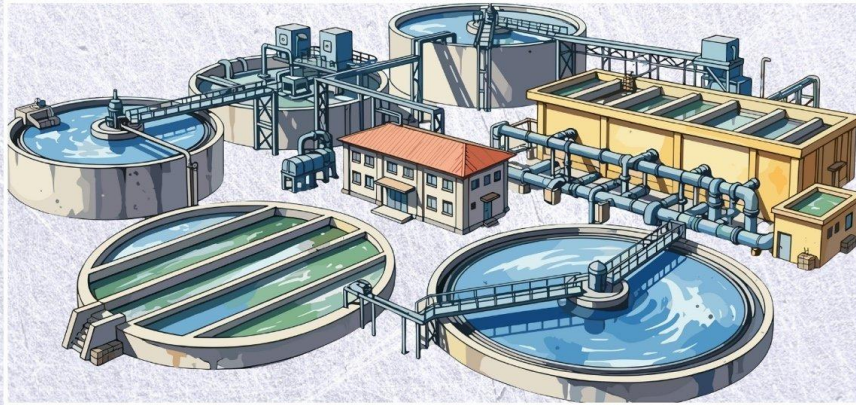
will be built at a cost of  
**₹257 crore**





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# WHAT IS ACTUALLY APPROVED IN BUXAR SEWAGE TREATMENT PROJECT



Capacity:  
**50 MLD STP**  
Drains tapped:  
**19**  
Cost:  
**₹257 crore**  
Sanctioned:  
**31 Jan 2025**



Based on official records & public dashboards

