



Conversion of Intermittent Water Supply system in to Continuous Water Supply System (i.e. 24X7 Water Supply System)

**Water Project Department
Ahmedabad Municipal Corporation**

24x7 Water Supply Scheme

Meaning of continuous water supply i.e. 24x7 water supply

All Consumers get the Continuous supply of water at consumer end with desired pressure for 24 hrs in a day and 7 days in a week.

Why is 24X7 Water supply required?

- Ministry of Urban Development, Govt. Of India has Declared the 24X7 Water supply scheme as Service Level Bench Mark for all Urban cities.
- To Avoid possibilities of contamination of water and thereby reducing the water borne diseases
- Un-interrupted water supply at desired pressure at consumer end (24 hrs a day and 7 days a week)
- Reduction of Non revenue water.

Benefits of 24X7 water supply

- **Consumer get continuous water supply at desired pressure**
- **Minimize Pollution – decrease water borne disease**
- **Carry out Water audit and Energy audit – Gains the maximum output with minimum energy**
- **Sustainable water supply with better accountability towards citizen**
- **Better services to the citizen with customer centric approach**
- **Improve satisfaction for stake holders**
- **Improves the life style of citizen**

Components of 24X7 water supply scheme

- Water audit and identification of leakages which leads towards reduction of Non Revenue Water (NRW)
- Continuous audit with real time central monitoring system through SCADA (Supervisory Control and Data acquisition) system
- Isolation of network as per command area of each water distribution station
- Hydraulic remodeling as per contour and water zone demand
- Creation of DMAs (District metering area) for leak detection program
- Implementation of telescopic tariff by meterisation after finalization of Water policy
- Public Awareness program - Foster stakeholders' participation and increase customer awareness about the importance of a sustainable use of the water by 24X7 water supply scheme

Steps taken by Ahmedabad Municipal Corporation (AMC) to Achieve 24X7 water supply scheme as SLB

- **AMC is decided to implement 24X7 Water supply scheme in Jodhpur ward and selected areas of Navrangpura, Stadium and Old vadaj ward as a Pilot project under JnNURM**
- **Salient features of the Pilot project**

Sr. No.	Name of work of Pilot Project	Status
01	Construction of 5 Elevated service reservoirs (ESR) of 24 mt. staging height at jodhpur ward	Tender Sanctioned
02	Providing and installing Electro-mechanical works with SCADA and laying of distribution network with O&M period of five years at Jodhpur ward	Tender under scrutiny
03	Construction of 2 Elevated service reservoirs (ESR) of 24 mt. staging height at selected areas of Navrangpura, Stadium and old wadaj ward	Tender under scrutiny
04	Providing and installing Electro-mechanical works with SCADA and laying of distribution network with O&M period of five years at selected areas of Navrangpura, Stadium and old wadaj ward	Tender under scrutiny

Steps taken by Ahmedabad Municipal Corporation (AMC) to Achieve 24X7 water supply scheme as SLB Cont...

- **AMC has Qualified the consultant by inviting Expression of Interest through public notice given in daily newspaper for providing Consultancy Services for Improvement and Revamping the Existing Water Supply System Including Water Audit, Consumers Survey, GIS mapping, Measures to Reduce NRW / UFW, Achievement of Service level Benchmark and Upgrading the System for Continuous (24x7) Water Supply to the command area of AMC**
- **Scope of work of consultant**
 - **PHASE I:- Study, Design &Preparation of DPR for whole city with implementation Supervision &Trial Run of Pilot Project – 24 months**
 - **PHASE II :- Implementation Supervision of the project for whole city- 48 Months.**

Thank You
