

## PERUNGUDI UGSS

- Perungudi Town Panchayat is a newly added area among the 42 local bodies added in the expanded area of Chennai City, which falls in new Corporation Dn. 184 & 186 in Area-XIV to an extent of 4.64 sq.km with roads and streets 263 streets/roads for a total length of about 45 km. The level of Perungudi area necessitates the provision of a comprehensive underground sewerage scheme.

- The sewerage facilities for this Town Panchayat has now been designed for a design period of 30 years from 2010- 2040. The ultimate population to be served has been

estimated as 1.59 lakhs. The ultimate waste water demand for the year 2040 works out to 20.78 MLD. To suit the topography and physical developments like I.T Corridor, Buckingham canal etc and to avoid deep sewers the municipal area has been divided into 4 Zones each with independent collection system. Total flow from the 3 Zones will be pumped to the



CMWSSB's STP complex at Perungudi. The sewage from Zone-IV will be conveyed by gravity to CMWSSB's collection well at Perungudi STP.

- The scheme cost for "Providing Comprehensive Sewerage Scheme to Perungudi Town Panchayat was sanctioned by Central Sanctioning and Monitoring Committee of JnNURM 14.01.2009 for Rs.2019.24 lakhs.
- The Government of Tamilnadu have accorded administrative approval vide G.O (D) No.544 MA&WS (TP-2) Department dated 24.12.2009 for Rs.2019.24 lakhs. Administrative approval for Rs. 2100.19 lakhs accorded by the Board vide Res. No 61/2009, dt 21.02.2009.
- The funding pattern is Govt. of India 35% (Rs.706.73 lakhs), Govt. of Tamil Nadu 15% (Rs.302.89 lakhs) and the balance 50% (Rs.1009.62 lakhs) should be borne by the local ULB through mobilization and loan assistance from TUFIDCO.

➤ **The components of works :**

1. Laying of sewerage gravity main of sizes ranging from 150mm dia 800 mm dia SW pipes and DI pipes for a length of 41800 m
2. Laying of pumping mains for a length of 1140 m
3. Construction of manholes 1757 nos.
4. Providing House Service Connections for 4500 nos.
5. Construction of Sewage Pumping Stations 3 nos.

➤ **Contract details :**

The work has been awarded to M/s. APR Project Pvt. Ltd., Hyderabad for a contract value of Rs. 2195.04 lakhs on 20.09.2010 with a contract period of 24 months. The work commenced on 24.11.2010 and the scheduled date of completion is 23.11.2012. The contract period has been extended and the work is under progress.

➤ **Progress of work (as on 31.01.2017) :**

1. Physical progress so far achieved is 77.51%  
94.21% gravity sewer pipe laying works, 75.26% of pumping main laying works, 91.86% construction of manholes, 98.13% of House sewer connections and 80% of construction of Sewage Pumping Stations have been completed.
2. Financial progress so far achieved is 69.30%
3. Anticipated date of completion is July 2017.