

## **SRIPERUMBUDUR SEWERAGE SCHEME**

- Sriperumbudur Town Panchayat is one of the Town Panchayats located outside the Chennai Metropolitan Area and is about 45 Km south west of Chennai in Kanchipuram district. It has an extent of 19.39 Sq.Km. It is divided into 15 wards. It consists of 322 streets/roads and has a road length of 58 km. The level of development of the Town Panchayat necessitates the provision of a comprehensive Under Ground Sewerage Scheme (UGSS).
- The sewerage scheme for this Town Panchayat has now been designed for a design period of 30 years from 2012– 2042. The ultimate population to be served has been estimated as 2.83 lakhs. The ultimate waste water generation is projected as 34.01 MLD.
- The scheme cost for “Providing comprehensive Sewerage Scheme to Sriperumbudur Town Panchayat” was sanctioned by Central Sanctioning and Monitoring Committee of UIDSST on 03.01.2012 for Rs.5622 lakhs.
- CMWSSB has taken up the implementation of the underground sewerage scheme in Sriperumbudur under deposit work basis.
- The Government has accorded Administrative approval vide G.O. No.180/2012, for Rs.5622 lakhs. Administrative approval for Rs.5875 lakhs accorded by the Board vide Res.No.32/2012, dt.07.05.2012. Technical sanction was accorded for Rs.4740 lakhs for UGSS. Later, Administrative approval vide G.O. No.184/2014 was accorded for Rs.7711.00 lakhs including Rs.2971.00 lakhs for STP.
- The funding pattern is UIDSST,
  - Government of India - Rs.4497.60 lakhs
  - Government of Tamil Nadu - Rs.2562.20 lakhs (IUDM share Rs 2000 Lakhs)
  - Local ULB - Rs.651 lakhs
- The entire Scheme has been divided into 2 packages. Package-1 envisages for providing Sewerage facilities to Sriperumbudur Town Panchayat and Package-II envisages for Sewage Treatment Plant for Sriperumbudur UGSS.
- **Package-I – (UGSS):**
- The comprehensive UGSS for the Town Panchayat comprising
  - (i) Sewer Collection system (Zone I, IA, II, III and IV) - 49520 m
  - (ii) Construction of Manholes – 1965 nos.
  - (iii) Sewage pumping stations (Zone I, II, III and IV) – 4 Nos.

- (iv) Sewage lifting station (Zone IA & IIA) – 2 Nos.
- (v) Pumping mains – 13920 m
- (vi) House Service Connections – 6000 nos.

➤ **Contract details**

The work has been awarded to M/s. SEW Infrastructures Ltd., for a contract value of Rs.3352.36 lakhs on 08.03.2013 with a contract period of 16 months. The work commenced on 27.03.2013 and the scheduled date of completion was 26.07.2014. Due to slow progress of work contract entrusted with M/s.SEW Infrastructures Ltd was terminated on 26.11.2018.

➤ **Present status of work (As on date of termination - 26.11.2018)**

1. The Physical progress so far achieved is 79.00%.
2. The Financial progress so far achieved is 72.00%.

**Balance works in UGSS**

The revised estimate to carry out the balance works were divided into two packages and the estimates were prepared, tenders invited and work orders were issued and the details are as follows.

- a) Work order for Package-I (Balance Pumping main & Pump room) was issued to M/s VVV constructions Pvt. Lt., Chennai dated 02.11.2021 and the work commenced on 27.01.2022 and the work is under progress.
- b) Work order for Package-II (Balance Collection System) was issued to M/s Sri Rajeswari Constructions, Chennai dated 02.11.2021 and the work commenced on 01.02.2022 and the work is under progress.

➤ **Package – II (STP):**

This package envisages the construction of Sewage Treatment Plant for Sriperumbudur UGSS with Treated Effluent Pumping Main. The proposed STP is of 8.5 MLD capacity with Sequential Batch Reactor technology type at Butheripandi, Sriperumbudur on DBOT Basis including O&M for 5 years and the Treated Effluent is proposed to be disposed at Mallaipattu (leading to Adyar river) at a distance of 10.0 km from STP.

➤ **Contract details**

The work has been awarded to M/s.Oasis EPC Solutions Ltd., Ahmedabad for a contract value of Rs.2937.00 Lakhs on 13.04.2015 with a contract period of 15 months. The work has been commenced on 29.07.2015 and scheduled date of completion is 28.10.2016. The contract period has been extended and the work is under progress

➤ **Present status of work (As on 01.03.2022)**

1. The Physical progress so far achieved is 86.00%.
2. The Financial progress so far achieved is 84.00%.
3. Anticipated date of completion is September 2022.