

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 67 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 and the Project was technically sanctioned for Rs.7711.00 lakhs.

- The funding pattern is UIDSSST, Central Government Grant of Rs.4497.60 lakhs, State Government Grant of Rs.562.20 lakhs and the balance of Rs.651 lakhs borne by the local ULB. An additional amount of Rs 2000.00 Lakhs borne by IUDM.
- 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) - 55605 m
 - (ii) Construction of Manholes – 2126 nos.
 - (iii) Sewage pumping stations (Zone I, II, III and IV) – 4 Nos.
 - (iv) Sewage lifting station (Zone IA) – 1 No.
 - (v) Pumping mains – 12920 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 is 26.07.2014. The contract period has been extended and the work is under progress in all zones.

➤ **Progress of work (As on 31.01.2017)**

1. The Physical progress so far achieved is 71.58%.

70% of Construction of Sewage Pumping Stations, 77.2% of gravity sewer pipe laying works, 84.57% of construction of manholes, 78.54% of pumping main laying works and 72.42% of House Service Connection have been completed.

2. The Financial progress so far achieved is 68.95%.

3. Anticipated date of completion is Dec. 2017.

➤ **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 year 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

➤ **Progress of work for STP (As on 31.01.2017)**

1. The Physical progress so far achieved is 35.24%.
2. The Financial progress so far achieved is 36.80%.
3. Anticipated date of completion is Dec. 2017.