

SHOLINGANALLUR AND KARAPAKKAM UGSS

- Sholinganallur and Karapakkam are one among the 42 local bodies added in the expanded area of Chennai city and located in Kancheepuram District, Tamil Nadu State. Karapakkam and Sholinganallur areas are assigned as Division 197 & 198 respectively in Area XV, Chennai Corporation and located in the Southern boundary of the Chennai city



and located between East Coast road and Old Mahabalipuram roads along IT Corridor to an extent of 17.75 sq. km, with roads and streets for a total length of about 117 Km. It consists of 472 streets. The level of development of the Karapakkam and Sholinganallur areas necessitates the provision of a comprehensive underground sewerage scheme (UGSS).

- The Underground sewerage scheme for this area has now been designed for a design period of 30 years from 2014 - 2044. The ultimate population to be served has been estimated as 1.20 lakhs. The ultimate waste water generation is projected for the year 2044 works out to 14.92 MLD. The sewage generated is disposed to 18 MLD STP at Sholinganallur.
- The scheme cost for “Providing Comprehensive Underground Sewerage scheme to Sholinganallur and Karapakkam was sanctioned by Chennai Mega City Development Mission(2012-13) on 14.10.2012 for Rs.11090 lakhs.
- The government of Tamilnadu has accorded administrative approval vide G.O (Ms) No.94 MA & WS (MC.I) Department dated 14.10.2012 for Rs.11090.00 lakhs and Technical sanction was accorded.
- For this scheme the funding pattern is under CMCDM fund (80%) Rs 8872.00 lakhs from Govt. of Tamilnadu as Grant, (20%) Rs. 2218.00 lakhs loan from TUFIDCO.
- **The components of work:**
 1. Laying of sewer gravity main for a length of 103003 m
 2. Laying of force main for a length of 12102 m
 3. Construction of manholes 4090 nos.
 4. Providing house service connections for 7950 nos.
 5. Construction of Sewage Pumping stations 5 nos. and Lift stations 6 Nos.

➤ **Contract details:**

The work has been awarded to M/s. VA Tech Wabag – Sai Sudhir Infrastructure Ltd for a contract value of Rs. 8726.00 lakhs on 21.05.2013 with a contract period of 30 months. The work commenced on 12.09.2013 and the scheduled date of completion is 11.03.2016. 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 83.75%
87.02% of gravity sewer pipe laying works, 95.03% of pumping main laying works, 88.99% of construction of manholes, 94.33% of HSC and 93.8% of construction of sewage pumping station has been completed.
2. Financial progress so far achieved is 89.14%
3. Anticipated date of completion is October 2017.