

## SHOLINGANALLUR AND KARAPAKKAM UGSS

- Sholinganallur and Karapakkam are one among the 42 local bodies added in the expanded area of Chennai city which is 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 Karapakkam and Sholinganallur areas necessitates the provision for 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 projected for the year 2044 works out to 14.92 MLD. The sewage generated would be disposed to 18 MLD STP at Sholinganallur.
- The scheme cost for "Providing Comprehensive Underground Sewerage scheme to Sholinganallur and Karapakkam was sanctioned under 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.
- The Revised Administrative Sanction vide G.O (D) No.305 MA&WS(MC.I) Department, dated 10.09.2020 for Rs.13790 lakhs .
- **The components of work:**
  1. Laying of sewer gravity main for a length of 103605 m
  2. Laying of force main for a length of 12102 m
  3. Construction of 4090 nos. manholes
  4. Providing house service connections for 8100 nos.
  5. Construction of 5 nos. of Sewage Pumping stations and 6 nos. of Lift stations.
- **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 was commenced on 12.09.2013.

**Progress of work (as on 30.11.2021) :**

1. Physical progress so far achieved is 98.50%,  
98.66% of gravity sewer pipe laying works, 100.00% of pumping main laying works,  
98.53% of construction of manholes, 99.24% of HSC and 100% of construction of  
sewage pumping station have been completed.
2. Financial progress so far achieved is Rs.12387.57 Lakhs.
3. The Scheme was inaugurated on 31.10.2019 by the Hon'ble CM of Tamil Nadu and  
80% of the scheme have been already handed over to O&M wing to put into public  
use.
4. Pre- commissioning works are under progress.