

## **ANAKAPUTHUR WATER SUPPLY IMPROVEMENT SCHEME**

- Anakaputhur is one of the 16 Municipalities in Chennai Metropolitan Area (CMA) has an extent of 4 sq. km and consisting of 402 streets. The total length of Roads/streets is 55 km. It is divided into 18 nos. of Municipal Wards, the level of development of the Municipality necessitates the provision of a Water supply improvement scheme (WSIS) and the work is being carried out as a deposit work by CMWSSB.



- The Water supply scheme for this Municipality has been designed for a period of 30 years from 2014 - 2044. The ultimate population to be served has been estimated as 0.87 lakhs. The population growth is estimated as 0.73 lakhs in 2029 and 0.87 lakhs in 2044. The ultimate water demand for the year 2044 works out to 15.22 MLD at 135 lpcd. The water will be drawn from the 1200mm dia transmission main laid from Chembarambakkam 530 MLD water treatment plant to Tambaram. On completion of this scheme around 0.57 lakhs population will be benefited.
- The scheme cost for “Providing Water supply improvement scheme to Anakaputhur Municipality was sanctioned by 130<sup>th</sup> Central Sanctioning and Monitoring Committee of Govt. of India under JnNURM on 12.08.2013 for Rs.1356.56 lakhs.

- The Government of Tamilnadu has accorded administrative approval vide G.O (MS) No.162 MA & WS (WS1) Department dated 19.12.2014 for Rs.1487.63 lakhs.
- For this scheme the funding pattern is under JnNURM Scheme of Government of India Rs 542.00 lakhs from Govt. of India as Grant, Rs.135.00 lakhs as an interest free loan from Govt. of Tamil Nadu, Rs.109.00 lakhs from ULB Contribution and the balance amount of Rs.700.00 lakhs from IUDM 2014 – 2015 and 2015 – 2016.
- **The Components of work**
  1. Construction of 2 nos of Over Head Tank of 17 lakhs litre capacity each at Market Street and Vinayagar Street.
  2. Laying of 450mm dia Conveying Main from 1200mm Chembarambakkam main to Bazaar Street UGT for a length of 115m.
  3. Laying of 300mm DI feeder main from Bazaar street UGT to Market street Over Head Tank and 300mm DI feeder main from Kamarajapuram UGT to Vinayagar street Over Head Tank for a length of 700m.
  4. Providing distribution system of size ranging from 110mm to 200mm dia HDPE pipes and 250mm to 500mm dia DI Pipes for a length of 55034 m
  5. Providing House service connections for 5206 nos.
- **Contract details**

The work was awarded to M/s. Aqua Designs India Private Limited in consortium with M/s. Nagarajan Construction Company Pvt.Ltd. Chennai, for a contract value of Rs. 1841.44 lakhs on 01.03.2016 with a contract period of 24 months. The work commenced on 15.07.2016 and the scheduled date of completion was 14.07.2018. The work is under progress.
- **Present status of work (As on 10.02.2020)**
  1. The Physical progress so far achieved is 76%.  
87% of Distribution system, 74% of conveying main and 75% of civil works in overhead tank have been completed.
  2. The Financial progress so far achieved is 42%.
  3. It is proposed to complete the work by May 2020.