

SHOLINGANALLUR STP

(36 MLD STP TAILORED TO TREAT 18 MLD BASED ON SBR TECHNOLOGY)

➤ Sholinganallur is one among the 42 local bodies added in the expanded area of Chennai city and located in Kancheepuram District, Tamil Nadu State. Sholinganallur area is assigned as Division 198 in Area XV, Chennai Corporation and located in the Southern boundary of the Chennai city and located between East Coast road and Old Mahabalipuram Road along I.T Corridor.

➤ The work of construction of 36 MLD Sewage Treatment Plant tailored to treat 18 MLD based on Sequential Batch Reactor (SBR) Technology at Sholinganallur comprising of Design, build, operate and transfer (DBOT) basis including Operation & Maintenance for 5



years. This plant has been designed to treat sewage generated from Pallikaranai, Sholinganallur and Karapakkam which includes sewage from I.T.corridor. The command area of the sewage from Pallikaranai is 17.36 sq.km and pumped to STP through 4 pumping stations. The command area of the sewage from Shoilinganallur & Karapakkam is 17.75 sq.km and pumped to STP through 11

pumping stations/Lift Stations. The plant is also receiving sewage from Perumbakkam TNSCB tenements. The secondary treated effluents are to be let into nearby Buckingham canal.

➤ The project cost for construction of STP was sanctioned under Jawaharlal Nehru National Urban Renewal Mission (JnNURM) funds and Infrastructure & Amenity Fund (I&AF).

➤ The Govt. of Tamil Nadu has accorded administrative approval vide G.O.Ms.No.257, MA&WS Dept., dt. 22.10.2010 for Rs.2525.00 lakhs. CMWSSB Board has accorded technical sanction for Rs.3371.00 lakhs (construction cost for Rs.2731.00 lakhs and O&M for 5 years Rs.640.00 lakhs) vide Res.43/2010, dated 04.02.2010.

➤ This project, is funded under JnNURM, (17%) Rs.463.00 lakhs from Govt. of India Grants, (7%) Rs.198.00lakhs from GoTN, (24%) Rs. 662.00 lakhs from ULB and (52%) Rs.1408.00 lakhs from Infrastructure and Amenity Fund (I&AF).

➤ **Contract details :**

The work has been awarded to M/s. DEE-TECH Project Pvt. Ltd., Chennai in consortium with M/s. Batliboi Environmental Engineering Ltd., Mumbai for a contract value of Rs.2125.00 lakhs (construction cost Rs.1777.17 lakhs and Rs.348.33 lakhs towards Operation & Maintenance contract for 5 years which includes fixed and variable cost) on 21.11.2011 with a contract period of 24 months. The work was commenced on 10.05.2012 and the scheduled date of completion was 09.05.2014. The Project has been completed and is under operation.

➤ **Progress of work (as on 31.01.2020) :**

1. Physical progress so far achieved is 100%
2. Financial progress so far achieved is 122.29% (including Price Escalation)
3. The Project was inaugurated by the Honorable Chief minister of Tamilnadu on 31.10.2019.