

SALIENT DETAILS

Name of Scheme	WSIS TO BODINAYAKANUR MUNICIPALITY IN THENI DISTRICT
Administrative Sanction	GO Ms .72/MA & WS(W52) Dept. dated 16.07.2018
Estimate Cost	Rs.76.15 Crore.
Installation Cost	76.15 Crores
A.M.Cost (Base year)	42.80 Lakhs
Funding	KfW – Rs.68.53 Cr & ULB - 7.62 Cr.
Technical Sanction	CER / TWAD / MDU No 170 / TWAD /2018-19 / Dt 10.08.2018 for Rs.76.15 Cr.
Work Order Date	19.02.2019.
Date of Commencement	15.03.2019.
Target date as per Agreement	09/2020.
Actual date of completion	11.11.2022.
Designed Population/ qty	Base Year (2020) : 81220 / 8.93 MLD Intermediate (2035) :90440 /14.36 MLD Ultimate (2050) : 99670 / 15.82 MLD
Source	Surface water from River Kottakudi- Sambalar by strengthening the check dam across the River near Kurankani.
Gravity Main	450 mm DIA DI K7 CLASS PIPES – 13.40 KM Break pressure Tank with Baffle walls - 4.0 m X 1.7 m X 2.35m – 5Nos
Treatment Plant Proposed	Capacity : 15.82 mld Stand post : 20000 litres capacity 12m staging height – 1No Aerator : 2.0 m to 8.0 m – 1No Circular Tray: 5 Nos Stilling chamber: 4.0 m X 3.0 m X 2.50 m – 1No Measuring Channel : 30.0 m X 0.70 m X 0.70 m Flash Mixer: 2.00 m dia X 3.0 m Depth – 1No Flocculator: 12.00 m dia – 1No ClariFlocculator: 24.00 m Dia – 1No Filter Beds: Twin bed Rapid sand Filter – 4.2 m X 3m - (5 Nos with 1 No standby.)
Location	Existing WTP Campus near CPA college near paramasivan Koil, Bodinayakanur
Clear water sump	Existing 9.0 LL GLSR AT WTP Campus

Feeder Main, Branch Feeder Mains from existing 9.00LL GLSR @ WTP Campus	600 mm DI K7 Pipes - 2360.00 m 400 mm DI K7 Pipes - 1470.00 m 300 mm DI K7 Pipes - 1245.00 m 250mm DI K7 Pipes - 1050.00 m 200 mm DI K7 Pipes - 550.00 m TOTAL - 6675.00m
Existing SR	1)3.00 LL SR- 1No at Subburaj Nagar
Existing SR Replaced	2)12.0 LL SR- 1No at Ammakulam (Now Replaced) 3) 12.0 LL SR-1 No at Kulalar Palayam (Now Replaced)
Proposed SR	4) 10.0 LL SR 12 m staging - 1 No at Jamin Thoppu 5) 7.5 LL SR 12 m staging - 1 No at Thendral Nagar
Distribution System Proposed	110mm to 200mm HDPE - PN 6 - 100.56Km 250mm to 350mm DI K7 Pipes - 4.49Km Total : 105.05 km Existing Replacement : 82.978 km Proposed for uncovered area : 22.072 km