

BRIEF NOTE ON THE PROJECT BY PROJECT AUTHORITY

CWSS TO THONDAMUTHUR, POOLUVAPATTI, THENKARAI, VEDAPATTI, DHALIYUR, ALANTHURAI AND PERUR TOWN PANCHAYATS AND 134 RURAL HABITATIONS IN THONDAMUTHUR UNION OF COIMBATORE DISTRICT WITH RIVER BHAVANI AS SOURCE

It is proposed to provide CWSS to Thondamuthur, Vedapatty, Dhaliyur, Perur, Thenkarai, Pooluvapatti and Alandurai Town Panchayats and 134 rural habitations in Thondamuthur Union of Coimbatore District. All the 7 Town Panchayats & 134 Rural habitations are under way side beneficiaries of the existing water supply augmentation Scheme to Coimbatore Corporation with Siruvani Reservoir as Source. Necessary Administrative sanction has been accorded for Rs 130.46Crores for installation and 3.91Crores for annual maintenance vide G.O.Ms No 156 MA & WS Dept (WS4) / dated 19.10.2013.

The Population for Base year (2014), Intermediate (2029) and Ultimate (2044) for Town Panchayat are 71800, 83400 and 96000 respectively and for rural areas are 72463, 79718 and 86964 respectively.

The Intermediate and Ultimate requirement are 11.95 MLD and 13.81 MLD of water respectively. It is proposed to draw surface water in River Bhavani near Bhadrakaliamman koil, 5 KM upstream of Mettupalayam Town by construction of 3m dia intake well and collection well cum pump house of dia 6.0m. The water will be pumped to Treatment plant of 11.95 MLD capacity near Kurunthamalai for a length of 12.19Km.

After treatment, the clear water will be collected in a clear water reservoir of capacity 6.50 lakh litres and will be pumped to the proposed sump at Booster Station at Veerapandi. Total length of clear water pumping main is 72.39Km. From Veerapandi Booster Station, water will be again pumped to enroute Town panchayats of Vedapatti, Dhaliyur, Thondamuthur and Perur.

From the individual sumps, the water will be pumped to the service reservoirs through feeder pumping mains for a total length of 55.16 Kms for Town Panchayats and 93.58 Kms for Village Panchayats. It is proposed to construct 27 Nos of Service Reservoirs in Town Panchayats and 12 Nos in Rural areas for capacity of 0.10LL to 2.90LL and water will be distributed through a net work of 131.74 Kms for Town Panchayats and 17.66Kms for Rural areas. The scheme is under execution by TWAD Board.

P. B. ... 10/08/16
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