

BRIEF NOTE ON THE PROJECT BY PROJECT AUTHORITY

WATER SUPPLY IMPROVEMENT IN DISTRIBUTION SYSTEM TO EXTENDED AREAS KURUCHI & KUNIYAMUTHUR (Package-II) OF COIMBATORE CITY CORPORATION

The Coimbatore city corporation has been extended by including the adjacent local bodies such as Kuruchi, Kuniyamuthur, Thudiyalur, Vellikinaur, Villankuruchi, Chinnavedampatty, Saravanampatty & Kalapatty. In these 8 added areas the present water supply is 40 to 70 lpcd, once in 8 to 10 days. In this project it is proposed to improve the existing water supply distribution networks in these areas to achieve equi-distribution of water supply to all areas.

The project has been administratively sanctioned vide G.O.Ms.No.109 /dt.29.8.16 for Rs.395.41 Cr with A.M.cost of Rs 5.23 Cr and Tech. sanc. Vide CE/TWAD/CBE/NO.8 /2016-17 for Rs.414.50Cr. The project has been split into two packages, package-II covers Kuruchi and Kuniyamuthur areas of ward nos. 87 to 99. The intermediate(2033) and Ultimate(2048) population of these areas are 4,02,566 & 5,31,319 and requirement at 135 lpcd will be 61.446 mld & 81.090 mld including 25 lpcd for floating population. To ensure equi-distribution of available water to the entire corporation, for this package, it is proposed to tap 35.02mld of Siruvani water from existing 500mm CI & 450mm CI mains, now feeding to Gandhipark , near Kovaipudur pirivu on Perur – Siruvani road and let into the proposed 15LL sump near the tapping point. From the sump it is proposed to pump the water by VT pump set of duty 12161x96m -2nos.(50% stand bye) to the proposed MBR-15.00LL at Press Enclave for Kuniyamuthur and MBR- 20.00LL at Pillayarpuram for Kuruchi, thro' new 600 / 450 mm DI mains of 12800m. And also 11.25 mld of Aliyar water from the existing sump at Kuruchi will be pumped to the MBR at Pillayarpuram thro' new 450mm DI main of 2400m.

Water from these MBRs will be gravitated to the proposed 18nos (158 LL) and existing 26nos (including 4nos ongoing by corporation) SRs thro' new 1016mm to 711mm MS main for 7229m and 600mm to 100mm DI mains for 28413m.


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