COMBINED WATER SUPPLY SCHEME TO VELLORE CORPORATION, 11 MUNICIPALITIES, 5 TOWN PANCHAYATS, 944 WAYSIDE RURAL HABITATIONS IN VELLORE DISTRICT.
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District

L&T Construction, Water Supply & Distribution Business Unit
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District

L&T Construction, Water Supply & Distribution Business Unit
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District
WTP LAYOUT
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I

Intake Location in River Cauvery
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District
Clarifiers

L&T Construction, Water Supply & Distribution Business Unit
Chlorine Building
CLEAR WATER RESERVOIR
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
CHLORINE CONTACT TANK & Treated Water Reservoir

L&T Construction, Water Supply & Distribution Business Unit
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
CLEAR WATER PUMPHOUSE
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
10LL Back Wash OHT, Blower House, Lab and Admin Office Building
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I

PIPE CARRYING BRIDGE ACROSS ELLIS SURPLUS WEIR
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
PIPE CARRYING BRIDGE ACROSS ELLIS SURPLUS WEIR
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
CLEAR WATER RESERVOIR AT BPS II PALAKKARANUR
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
CLEAR WATER RESERVOIR AT BPS II PALAKKARANUR – CONCRETING & REINFORCEMENT UNDER PROGRESS FOR BASE SLAB
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
BPS 2 Pumphouse Excavation under Progress
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I

CLEAR WATER RESERVOIR AT BPS 1 at KOMBURANKADU
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
Pipe Line Laying

L&T Construction, Water Supply & Distribution Business Unit
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
CWSS To Vellore Corporation 11 Municipalities, 5 Town Panchayats, 944 Wayside Rural Habitations In Vellore District – Package I
Pipe Line Laying – Hydro Testing
• Optimum Pipe size has been selected to balancing the pump head and pipe capital cost

• High efficiency pumps and motors have been selected
  • Pumps Min.89% and Motors 96%

• SCADA linked to all 5 pumping stations with reservoir water levels. Any one reservoir overflows, then one pump each in all upstream pump houses will shut automatically. This avoids wastage of power and water.

• Reservoir Inlets are designed with bottom entry and rising upto MWL with enlargers to reduce the delivery point velocity. This arrangements saves 2.50M head in each pumphouses. Total 4 Reservoirs. Net savings of 20,15,716KWh per annum