

**Salient Details (as per Scope of the Scheme/ schemes): Name of Schem : CWSS to 249 Habitations Phase-II  
in Annur, Avinashi, Sulur Unions and 48 habitations in Karamadai Union in Coimbatore and Tiruppur  
Districts .**

S.No.	Name of the Component	Quantity	Location	Remarks
1	Source Offtake well in river Bhavani at Vedar Colony	15.11MLD	Vedar Colony	
2	Raw water-90HP Vertical turbine pump set 1+1 No Additional Pump set-20 HP-1No	10952lpmx24mr	Vedar Colony	
3	Raw water water Main	600mm MS Pipe -55.80mr &600mmPSC 6KSC-713.20 M	Vedar Colony	
4	Treatment Plant Details	Aerator- 4 Trays, Stilling Chamber - 1 No, Dividing Chamber - 1 No. Clariflocculaor - 2 Nos, Rapid sand filters - 5+1 Nos, 'Chemical house -1No, Clear water reservoir - 9.00 LL capacity x 1 No.	Vedar Colony	
5	Clear water pumpset - 90 HP x 10430 LPM x 29 m Head - 1+1 Nos.	'Pipe carry Bridge - 230m, 600mm MS pipe - 280m, 600mm PSC Pipe - 6680m, 4500mm PSC Pipe - 2831m, 400mm PSC Pipe - 4544m	Vedar Colony	
6	Booster station Location with Capacity	Vellikuppampalayam Booster Station - 9 LL capacity sump x 2 Nos. '2) Kunniyoor Booster Station - 5 LL capacity sump, 3) Kariampalayam Booster Station - 2 LL capacity sump, 4) Sumaithangi Booster Station - 9 LL capacity sump, 5) Rengasamy Nagar Booster Station - 1 LL capacity sump	1) Vellikuppampalayam 2) Kunniyoor, 3) Kariampalayam, 4) Sumaithangi, 5) Rengasamy	
7	Booster station Pumpset details	1) Vellikuppampalayam Booster Station i) Centrifugal Pumpset of 60 HP x 2130 LPM x 81M - 2+1 ii) Centrifugal Pumpset of 75 HP x 2530 LPM x 83M - 2+1, 2) Kunniyoor Booster Station - Centrifugal Pumpset of 30 HP x 2130 LPM x 42M - 2+1 No,iii)Open well sub pumpset-20 hp x783Lpmx15M-1+1No, 3)Kariampalayam Booster Station  i) Centrifugal, 4) Sumaithangi Booster Station - Centrifugal Pumpset of 40 HP x 2200 LPM x 49M - 2+1 No. Pumpset of 20 HP x 761 LPM x 68M - 1+1 No.  ii) Centrifugal Pumpset of 10 HP x 555 LPM x 55M - 1+1 No, 5) Rengasamy Nagar Booster Station - Centrifugal Pumpset of 15 HP x 767 LPM x 50M - 1+1 No.		
8	Feeder Main	<u>Phase - I</u> BM III - 33.141Km, BM IIIA - 3.669Km, BM IIIB -5 8.92Km, BM IVA - 65.268Km, BM IVB -14.16 Km  <u>Phase - II</u> BM I - 12.349 Km, BM IV - 33.738Km, BM V - 32.70Km, BM VII - 40.232Km,  <u>Phase - III</u> <u>Pumping main-9Km</u>		
9	Service Reservoirs	1.00 LL capacity to 0.10 LL capacity	299 Nos	
10	D'System	366.00 Km		

Sl.No	Name of the equipments, installations, structures, pipelines, appurtenances etc., to be operated and maintained along with the details of specifications such as type, make, HP, Head, discharge, capacity length, size and other relevant details such as hours of pumping, pressure, quantity & quality of water, etc.	Quantity	Location
Sl. No.	Description	Total HP of Pumpsets	Hours of pumping per day
1	Raw water- Vertical turbine pump set 1+1 No10952 lpmx24mr	90HP	23
2	Raw water water Main600mm MS Pipe -55.80mr	769Mt	Vedar Colony
3	EB Supply-LTCT-SC-NO-104	1 NO	Vedar Colony
4	Raw water-Pipe carrying Bridge	60Mt	Vedar Colony
1a	Clear water pump sets 90 HP -10430 LPM x29 Mt	2+1	Vedar Colony
2	Treatment Plant - Air compressor and blower	1No	Vedar Colony
3	Treatment Plant (Fash mixer - 5 HP, Granmoccuator - 2x5 HP, Alum motor - 2 x 1 HP, Lime Motor 2 x 1 HP, Flocculator	2Nos	Vedar Colony
b	Treatment Plant - Vaccum Pumpset-5 HP	1No	Vedar Colony
5	Chikkadasampalayam 3HP	1No	Vedar Colony
a	Vellikuppampalayam Booster station (2x75HP - Phase I + 2x81Mt HP - Phase II) - <b>HT Sc No.19</b>	2+1	Vellikuppampalayam
b	Vellikuppampalayam Booster station (2x75HP - Phase I + 2x81 Mt - Phase II) - <b>HT Sc No.19</b>	2+1	Vellikuppampalayam
c	Vellikuppampalayam Booster station (2x20HP - Phase I + 2x15Mt - Phase-III) - <b>HT Sc No.19</b>	2+1	Vellikuppampalayam
b	Vaccum Pumpsets ( 3 HP - Ino) ( 5 HP -Ino)	2Nos	Vellikuppampalayam
6a	Kunniyoor 213 LPM (2 x 30 HP) 2130 Lpm x 42 Mt	2+1	Kunniyoo
b	Kunniyoor - Vaccum Pumpse-5HP	1No	Kunniyoo
7	Kariampalayam (20 HP-2 Nos + 10 HP 2 Nos) 761x68 Mt& 55 lpm x 55 mt	2 Nos	Kariampalayam
8a	Sumaithangi (2 x 40 HP + 10 HP)	2+1No	Sumaithangi
b	Sumaithangi - Vaccum Pumpset5 Hp	1No	Sumaithangi
9	Rangasamy Nagar(2+1)15 HP X 767 lpm	2 Nos	Rangasamy Naga
10	Kunnathur -5 Hp 1+1	2Nos	Kunnathur