

CWSS TO 73 QUALITY AFFECTED HABITATIONS IN KUMBAKONAM UNION

SALIENT DETAILS

Date of Commencement of work : 27.11.2009

1.	Administrative Sanction	BP MS 31/2.3.09 for Rs. 995 Lakhs		
2.	Technical Sanction	CE / ER / TNJ / 16 /09-10/Dt. 12.06.09 for Rs. 995 Lakhs		
3.	Funding Pattern	NRDWP - Rs. 443.77 Lakhs MNP - Rs. 551.23 Lakhs Total - Rs. 995.00 Lakhs		
3.	Agreement No & Value	CE / ER / TNJ / 05 /09-10 / Dt. 15.12.09 for Rs. 500.800 Lakhs.		
4.	Name of Contractor	M/s. Trichy Construction Company, Trichy		
5.	Agreement period	12 months		
6.	Population	Base Year (2010)	Intermediate (2025)	Ultimate (2040)
	Per capital supply	51599 40 lpcd	56758 40 lpcd	61918 40 lpcd
7.	Requirement	2.06 mld	2.22 mld	2.42 mld
	For 16 hours pumping		2312 Lpm	2523 Lpm
8.	Head works :			
I	Infiltration well :	Total quantity as per agreement	Total quantity executed	Balance
a.	4.50m dia Infiltration well 8m depth at Coleroon river (Kudithangi Village)	2 Nos	2 Nos	—
b.	Supply, Erection of 12.5 HP openwell submersible pumpset (Duty 1156 lpm Head : 23m)	2 + 2	2 + 2	—
II	Connection main : I'well to sump 200mm dia CI D/F pipe	660m	1450m	—
III	Pump room @ Kudithangi 6m x 4m	1 No	1 No	—
IV.	Main sump @ Kudithangi 1.50 lakh litres capacity	1 No	1 No	—

	Supply, delivery, erection of 40 HP open well submersible pumpset 2312 lpm x 43m Head @ Kudithangi	2 Nos	2 Nos	–
9.	Group sump			
a.	30,000lit capacity Innambur, Cholanmaligai,Agarathur	3 Nos	3 Nos	
b.	60,000lit capacity Asoor,Eraharam,Puliyachery, Sakkottai	4 Nos	4 Nos	
c.	1.00LL capacity Thirupurabiyam, Valayapettai, Samathuvapuram Annalagaraharam	4 Nos	4 Nos	
10.	Booster sump at Thiruvanchuzhi 1.00LL	1 No	1 No	
11.	Pump room for Group sumps 4m x 3m	11 Nos	11 Nos	
12.	Pump room for Booster sump 6m x 4m	1 No	1 No	
13.	Pumping Main, Branch pumping main, Feeder main from Head works to group sumps and group sumps to OHT's			
		Total quantity as per agreement	Total quantity executed	Excess /omission
	200mm CI LA S/S tyton pipe	150 M	952M	802
	250mm CI LA S/S tyton pipe	40 M	40M	-
	300mm CI LA S/S tyton pipe	50M	50M	-
	350mm CI LA S/S tyton pipe	50 M	50M	-
	400mm CI LA S/S tyton pipe	60M	60M	-
	160mm HDPE pipe	4280M	5232M	952M
	200mm HDPE pipe	5355M	6075M	720
	250mm HDPE pipe	1230 M	810M	-420
	280mm HDPE pipe	1230M	1230M	-
	140mm PVC pipe	6405M	7842M	1437M

	110mm PVC pipe	15042M	15042M	-
	90mm PVC pipe	7000M	7000M	-
	75mm PVC pipe	10952M	10952M	-
	63mm PVC pipe	35866M	35866M	
	125mm GI pipe	30M	30M	-
	100mm GI pipe	60M	180M	120M
	80mm GI pipe	120M	120M	-
	65mm GI pipe	60M	60M	-
	50mm GI pipe	360M	540M	180
14.	Pumpsets			
	800 lpm x 40m Head	2 Nos	2 Nos	-
	400 lpm x 25m Head	6 Nos	5+1 Nos	-
	250 lpm x 25m Head	4 Nos	3 +1 Nos	-
	200 lpm x 40m Head	2 Nos	1 +1 No	-
	150 lpm x 25m Head	3 Nos	2 + 1 Nos	-
	125 lpm x 25m Head	2 Nos	2 No	-
15.	Sluice valves			
	50mm -125mm	78Nos	68Nos	10 Nos
16.	Scour Valves			
	50mm – 150mm	69 Nos	10 Nos	59 Nos
17.	Air valves			
	20mm Single air valve and 80mm double air valve	90+87= 177	140 Nos	37 Nos
15.	Service Reservoir			
	CO-OPERATIVE COLONY- 30000 LIT	1NO	1NO	-
	THIRUPURAMBIYAM - 60000 LIT	1NO	1NO	-
16.	Distribution System	3000m	3000m	-
17.	Installation cost	Rs. 995.00 lakhs		
18.	Annual Maintenance charges	Rs. 18.18 Lakhs		
19.	Per Capita cost	Rs. 1928 /-		
20.	Cost per 1000 lit	Rs. 13.10 /-		
22.	Expenditure so far incurred 10.02.2014	Rs. 865 Lakhs		