

**IMPROVEMENTS OF WATER SUPPLY, DISTRIBUTION SYSTEM TO THE ADDED AREAS OF
TIRUPUR CITY MUNICIPAL CORPORATION**

SALIENT DETAILS

1	Installation Cost	:	Rs. 25000.00 LAKHS		
2	A.M. Cost	:	Rs. 4385.00 Lakhs		
3	Population	:	Present	Intermediate	Ultimate
		:	2017	2032	2047
			10.00 Lakhs	14.00 Lakhs	19.50 Lakhs
4	Per capita supply	:	135 lpcd for 100% Population		
5	Source	:	River Cauvery near Bhavani (NTADCL Existing Scheme)		
6	Quantity Drawn for this Proposal	:	98.66 MLD		
7	Hours of pumping	:	24 Hours		
8	Head Works.		NTADCL Existing Scheme		
9	SUMPS				
	1.60 Lakh		1 no		
	2.00 Lakh		1 no		
	2.60 Lakh		1 no		
	2.80 Lakh		1 no		
	3.00 Lakh		2 nos		
	3.40 Lakh		1 no		
	3.60 Lakh		2 nos		
	4.00 Lakh		1 no		
	4.90 Lakh		1 no		
	5.00 Lakh		2 nos		
	6.15 Lakh		1 no		
	Total Nos		14 Nos		
10	Feeder Main				
	500 mm DI K7 D/F pipe		3960m		
	400 mm DI K7 D/F pipe		11210m		
	350 mm DI K7 D/F pipe		3730m		
	300 mm DI K7 D/F pipe		10590m		
	250 mm DI K7 D/F pipe		1100m		
	200 mm DI K7 D/F pipe		1110 m		
	TOTAL		31700 m		

11	Pumpset	:	
	Vertical Turbine Pumpsets		1 no.
	HSC Pumpsets (Various Duties)		12 nos.
	OWSub. Pumpset (Various Duties)		2 nos
12	Service Reservoirs:		
	5.00 LL- 16m		1 no.
	7.50 LL- 16m		3 nos
	10.00 LL- 16m		7 nos
	10.00 LL- 18m		2 nos
	12.50 LL-16m		3 nos
	15.00 LL-16m		3 nos
	17.50 LL -16m		5 nos
	20.00 LL -16m		1 no.
	20.00 LL -18m		1 no.
	Total		26 nos
13	Distribution System:		507.707 KM
a	DI Pipe		
	600 mm DI K7 D/F pipe		1991 m
	500 mm DI K7 D/F pipe		11883 m
	450 mm DI K7 D/F pipe		7618 m
	400 mm DI K7 D/F pipe		12159 m
	350 mm DI K7 D/F pipe		8731 m
	300 mm DI K7 D/F pipe		16913 m
	250 mm DI K7 D/F pipe		9699 m
	Total		68994 m
b	HDPE Pipe		
a	225 mm		18405 m
b	160mm		40187 m
c	110 mm		380121 m
	Total		438713 m
14	House Service Connections	:	
a	Domestic		33100 Nos
b	Non-Domestic		7100 Nos