

## TAMLUK

### SALIENT FEATURES OF WATER SUPPLY SCHEME

1	Name of the Town	:	Tamluk
2	Name of the District	:	Purba Medinipur
3	Town Population (2001)	:	59,109
4	Design Population (2038)		
	Zone I	:	19,373
	Zone II	:	21,845
	Zone III	:	24,418
	Total Design Population (2038)	:	65,636
5	Source of Water	:	Over Hear Reservoirs (OHR) & Deep Tube Wells (DTW)
6	Daily Water Demand	:	8.64 Million Liters per Day (MLD)
7	Per Capita Water Supply proposed	:	70 liters per capita day (lpcd)
8	Number of zones	:	3 (three)
9	Wards Covered		
	Zone I	:	Ward Nos. 1, 2, 14 & 20
	Zone II	:	Ward Nos. 18, 21 & 22
	Zone III	:	Ward Nos. 8, 11, 12, 13, 16 & 19
10	Number of Over Head Reservoirs (OHR) proposed	:	3 (Three)
11	Capacity/ Staging Height of OHRs		
	Zone I	:	0.636 Million Liters (ML)/ 20 m
	Zone II	:	0.818 Million Liters (ML)/ 20 m
	Zone III	:	0.909 Million Liters (ML)/ 20 m
12	Number of Clear Water Reservoirs (CWR) proposed	:	3 (Three)
13	Capacity/ Staging Height of CWRs		
	Zone I	:	0.455 Million Liters (ML) at GL

	Zone II	:	0.500 Million Liters (ML) at GL
	Zone III	:	0.591 Million Liters (ML) at GL
14	Number of Deep Tube Wells (DTW) proposed	:	9 (Nine)
15	Discharge of each DTW	:	0.96 Million Liters per Day (MLD)
16	Brief approx. Composition of each DTW	:	0.96 Million Liters per Day (MLD)
	Boring depth	:	300.00 m
	Housing pipe	:	300 mm dia 30 m (MS)
	Well pipe	:	200 mm dia 215 m (MS)
	Strainer	:	200 mm dia 30 m (Fibre Glass)
	Blank pipe	:	200 mm dia 4.50 m (MS)
17	Length & Dia. of Rising Main proposed	:	2.85 Km
18	Details of Rising Main		
	Deep TW to CWR		
	Zone I		150 mm dia 900 m
	Zone II		150 mm dia 900 m
	Zone III		200 mm dia 900 m
	CWR to OHR		
	Zone I		300 mm dia 50 m
	Zone II		300 mm dia 50 m
	Zone III		350 mm dia 50 m
19	Length of Distribution pipeline proposed	:	45.208 Km
20	Project Cost		
	a) Zone I	:	Rs.388.07 lakh
	a) Zone II	:	Rs.358.74 lakh
	a) Zone III	:	Rs.355.71 lakh

	Total	:	Rs.1102.52 lakh
	Contingencies @ 3%	:	Rs.33.08 lakh
	Total project Cost	:	Rs.1135.60 lakh
	Incentives @ 5%	:	Rs.56.78 lakh
	<b>Grand total</b>	:	<b>Rs.1192.38 lakh</b>
21	Capital Cost	:	Rs.1135.60 lakh
22	Annual O&M Cost	:	Rs.56.26 lakh
23	Per Capita Cost on 2038 AD population	:	Rs.1504.00
24	Funding Pattern		
	GOI (Including Incentive)	:	Rs.965.26 lakh
	GOWB	:	Rs.113.56 lakh
	ULB	:	Rs.113.56 lakh
25	Implementation Period		
	Year of Commencement	:	2006
	Year of Completion	:	2008
26	agencies responsible		
	Implementation	:	M.E. Dte.
	O&M	:	Tamluk Municipality