

GUSKARA

SALIENT FEATURES OF WATER SUPPLY SCHEME

1	Name of the Town	:	Guskara
2	Name of the District	:	Burdwan
3	Town Population (2001)	:	31,863
4	Design Population (2038)		
	Zone I		14,784
	Zone II	:	12,206
	Zone V		13,163
	Total Design Population (2038)	:	40,153
5	Source of Water		Ground water from river bed Tube Well
6	Daily Water Demand (Ultimate Year)		
	Zone I		1.58 Million Liters per Day (MLD)
	Zone II		1.33 MLD
	Zone V		1.42 MLD
	Total daily Water Demand		4.33 MLD
7	Per Capita Water Supply proposed		70 liters per capita per day (lpcd)
8	Number of zones		3 (Three)
9	Wards Covered		
	Zone I		WardNos. 9, 13, 8(p)
	Zone II	:	WardNos. 14, 15, 16(p), 8(p)
	Zone V	:	Ward Nos. 3, 4(p), 5(p)
10	Hours of pumping		
	From TW to CWR	:	16 hours/day
	From CWR to OHR	:	12 hours/day
11	Hours of supply		8 hours/ day
12	Number of Over Head Reservoirs (OHR) Proposed	:	3 (Three)
13	Capacity/ Staging Height of proposed OHRs		
	Zone I		0.350 Million Liters (ML)/ 20 m
	Zone II	:	0.284 Million Liters (ML)/ 20 m
	Zone V	:	0.528 Million Liters (ML)/ 20 m

	300 mm dia Zone V		80 m
	100 mm dia	:	3500 m
	150 mm dia	:	1750 m
	200 mm dia	:	800 m
	250 mm dia	:	100 m
	300 mm dia		75 m
21	Number & Type of pumps proposed		
	Zone I		
	Deep TW to CWR		3 Nos. 5 HP/ 3.5 KW submersible pumps
	CWR to OHR		2 Nos. centrifugal pumps
	Zone II		
	Deep TW to CWR	:	3 Nos. 5 HP/ 3.5 KW submersible pumps
	CWR to OHR	:	2 Nos. centrifugal pumps
	Zone V		
	Deep TW to CWR	:	3 Nos. 5 HP/ 3.5 KW submersible pumps
	CWR to OHR	:	2 Nos. centrifugal pumps
	Total number & type of pumps proposed	:	9 nos. submersible pumps 6 nos. centrifugal pumps
22	Project Cost		
	Zone I	:	Rs.251.59 lakh
	Zone II	:	Rs.247.63 lakh
	Zone V	:	Rs.258.32 lakh
	Total	:	Rs.757.54 lakh
	Contingencies @ 3%	:	Rs.27.73 lakh
	Total project Cost	:	Rs.780.27 lakh
	Incentives @ 5%	:	Rs.39.01 lakh
	Grand total	:	Rs.819.28 lakh
23	Annual O&M Cost	:	Rs.39.29 lakh
24	Per Capita Cost on 2038 AD population	:	Rs.1943.00
25	Funding Pattern		
	GOI (Including Incentive)	:	Rs.663.23lakh
	GOWB	:	Rs.78.03 lakh
	ULB	:	Rs.78.02 lakh
	Total	:	Rs.819.28 lakh
26	Implementation Period		
	Year of Commencement	:	2006

	Year of Completion	:	2008
27	Agencies responsible		
	Nodal		SUDA
	Implementation	:	M.E. Dte.
	O&M	:	Guskara Municipality

450	150	50	50	50
240	160	80	80	70
240	70			
210	380			
1140				