

Providing Dedicated Water supply scheme to Erode City
Municipal Corporation
UNDER AMRUT PROGRAMME

SALIENT DETAILS

1	PROJECT COST	Rs.484.45 Crores - G .O.Ms No: 109 dt 29.08.2016 Administrative sanction			
a	Installation Cost	:	Rs. 508.15 Crores Technical sanction		
b	A.M. Cost	:	Rs. 15.77 Crores		
c	Per capita cost	:	Rs. 5615 (ult-2047)		
2	Beneficiary	:	Erode City Municipal Corporation		
3	Population	:	Present	Intermediate	Ultimate
		:	(2017)	(2032)	(2047)
a	Erode corporation	:	535000	700000	905000
4	Per capita supply	:	135 lpcd		
5	Quantity	:	Intermediate (2032) – 115.90 MLD		
		:	Ultimate (2047) – 149.17 MLD		
6	Hours of Pumping	:	23 Hours		
7	Quantity in lpm	:	Intermediate (2032) – 87000 lpm Ultimate (2047) – 112000 lpm		
8	Head Works				
i	Source	:	Surface water from River Cauvery near Varathanallur village in Bhavani Union (Upstream of Uratchikottai TNEB Barrage)		
ii	Collection well cum Pump House	:	Intake cum pump house of rectangular size 27.00 m x 10.50 m constructed over RCC framed structure		
9	Raw Water Main	:	1422mm MS – 100 m		
10	Treatment Plant	:	120 mld (inter year-2037)		
11	Clear Water Main	:	1341mm MS – 22000 m 600mm DI K7 – 800 m		
12	Sump	:	52.00 LL – 1 No (Clear water sump @ Varathanallur) 43.00 LL – 1 No (Suriyampalayam) 118.00 LL – 1 No (VOC Park) 3.70 LL – 1 No (Vidya Nagar) 2.95 LL – 1 No (Odakattuvalasu) 3.10 LL – 1 No (Ganapathy Nagar)		

13	Pump house	:	55 m x 27 m – 1 No (WTP Site) 27 m x 7 m - 1 No (Suriyampalayam) 30 m x 13 m – 1 No (VOC Park) 12 m Dia – 1 No (Vidya Nagar) 12 m Dia – 1 No (Odakattuvalasu) 12 m Dia – 1 No (Ganapathy Nagar)	
14	Pumpsets	:	29000 lpm x 39 m VT – (3 w +2 s) (HW-RW) 27938 lpm x 40 m HSC – (3 w +2 s) (WTP-CW) 2750 lpm x 35 m HSC - (1 w + 1 s)(suriyampalayam) 5600 lpm x 65 m HSC – (2 w + 1 s)(suriyampalayam) 16000 lpm x 45 m VT – (2 w +1 s) (VOC Park) 13000 lpm x 48 m VT – (2 w +1 s) (VOC Park) 3225 lpm x 25 m HSC - (1 w + 1 s)(Vidya Nagar) 2570 lpm x 25 m HSC - (1 w + 1 s)(Odakattuvalasu) 2700 lpm x 25 m HSC - (1 w + 1 s)(Ganapathy Nagar)	
15	Infrastructures	:		
	1. Feeder Mains	:		
	a. Feeder Main I	:	5725 m	
	b. Feeder Main II	:	30574 m	
	c. Feeder Main III	:	23074 m	
	d. Feeder Main IV	:	20310 m	
	2.Service Reservoirs	:	Existing – 47 Nos.	Proposed – 21 Nos.
	3.Distribution System	:	Existing – 67209 m.	Proposed – 731820 m.
	4.House service Connections	:		Proposed - 130000 nos