

**WSS TO AAVIN DAIRY CUM POWDER PLANT AT AMMAPALAYAM IN
PUDUPALAYAM UNION OF THIRUVANNAMALAI DISTRICT**

SALIENT DETAILS

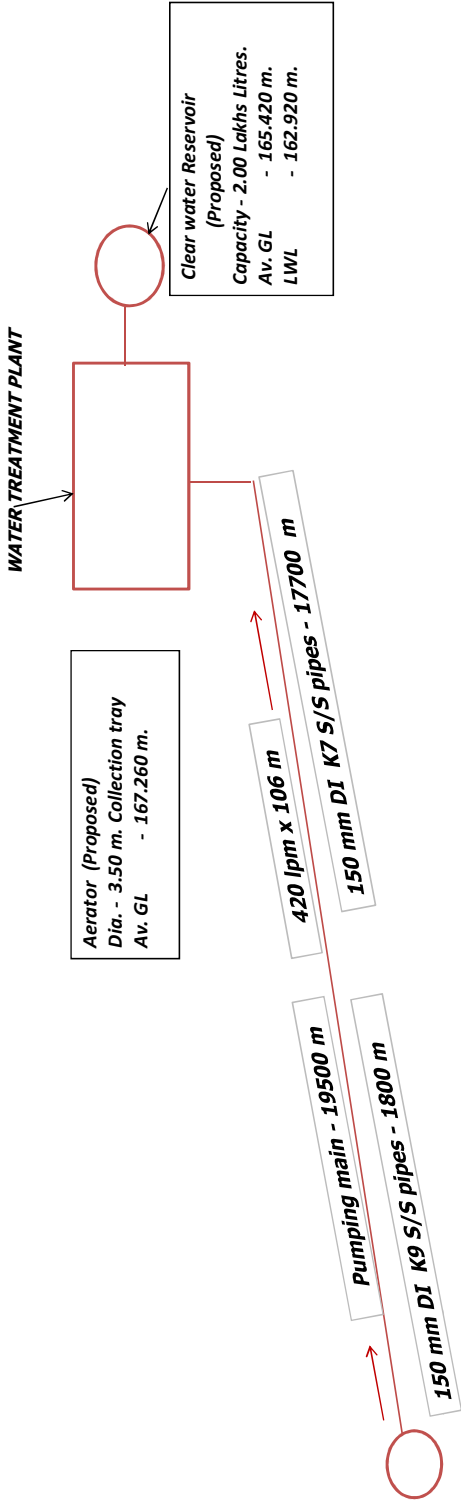
Sl.No	Description	As per DPR	After completion of the scheme
1	Administrative approval	B. P. Ms. No. 64 (PDC Wing) / Dated: 26.8.13 for Rs.760.00 Lakhs.	B. P. Ms. No. 64 (PDC Wing) / Dated: 26.8.13 for Rs.760.00 Lakhs.
	Technical Sanctioned		
	a) Original	CE/VLR/CER No.33/2013- 14/Dt.05.11.2013 for Rs.760.00 Lakhs.	CE/VLR/CER No.33/2013- 14/Dt.05.11.2013 for Rs.760.00 Lakhs.
	b) Revised		
	Total Requirement	0.50 MLD	0.50 MLD
	Sources	Offtake well at Then pennaiyar river down stream of sathanur dam.	Offtake well at Then pennaiyar river down stream of sathanur dam.
	Raw water pumping main	150 mm DI K9 pipes - 3000 m 150 mm DI K7 pipes - 16500 m 150 mm CI D/F Pipes - 150 m	150 mm DI K9 pipes - 3000 m 150 mm DI K7 pipes - 16489 m 150 mm CI D/F Pipes - 150 m
	Off take well	3.5 m Diameter depth 16.50m	3.5 m Diameter depth 16.50m
	Pump house	6.0 m Diameter depth 3.50 m	6.0 m Diameter depth 4.00 m
	Foot bridge	2.10 m width 60 m length	2.10 m width 42.00 m length
	Treatment plant	0.50 MLD full scale treatment plant	0.50 MLD full scale treatment plant
	Sump	2.00 LL 1 no	2.00 LL 1 no
	Stand Post (Raw water)	1.50 LL 1 no	1.50 LL 1 no
	Pumpsets		
	Head works	22.50 HP x533 LPM x132 m - 2 nos. submersible pumpsets.	22.50 HP x533 LPM x132 m - 2 nos. submersible pumpsets.

	Treatment plant	3.0 HP x463 LPM x 20 m - 2 nos. submersible pumpsets. Alum / lime 1 HP x 2 Clarifloculator 2 HP x 1 Air Blower 7.5 HP x 2 Flash mixer 1 HP x 1	3.0 HP x463 LPM x 20 m - 2 nos. submersible pumpsets. Alum / lime 1 HP x 2 Clarifloculator 2 HP x 1 Air Blower 7.5 HP x 2 Flash mixer 1 HP x 1
	Chlorine cylinder	0.90 MT x 2 Nos	0.90 MT x 2 Nos
	Cost per 1000 liter	Rs.22.67	Rs.22.67
	Name of contractor	M/s.EMTECH Engineer, No.74 Veerappa nagar, Alwar thiru nagar,chennai.	M/s.EMTECH Engineer, No.74 Veerappa nagar, Alwar thiru nagar,chennai.
	Date of work order	20.02.2014	20.02.2014
	Date of site handing over	05.03.2014	05.03.2014
	Period of contract	12 months (05.03.2015)	25.03.2015
	Agreement no	CE/VLR R.No:01/2014-15 dated 26.05.2014	CE/VLR R.No:01/2014-15 dated 26.05.2014
	Agreement value	Rs. 5,79,48,166/-	Rs. 5,79,48,166/-
	Date of commencement of contractor maintenance		28.07.2015 (As per CE letter No.F.Tvmalai Aavin wss / T2 / 2015 / Dt.28.07.2015.)
	Date of completion of contractor maintenance		27.07.2016
	Base year,Intermediate year,Ultimate year		Aavin has requested to supply 5.00 lakh litres of water per day and hence the case ofBase year,intermediate year,ultimate year does not arise.
	Name of outsourcing contractor		G.Kaleel Basha, Thiruvannamalai.
	Period of outsourcing contract		August 2016 to march 2017.

WATER SUPPLY SCHEME TO THE PROPOSED DAIRY CUM POWDER PLANT @ AMMAPALAYAM IN THIRUVANNAMALAI DISTRICT.

FLOW DIAGRAM

NOT TO SCALE



Off-take well cum pump house
(Proposed)
Size: Dia. 3.50 m. (Inner).
Depth - 16.50 m.
Av. GL - 111.970 m.
Bed Leve l - 100.000 m.
FVL - 95.970 m.
Sub. P'set - 420 lpm x 106 m.