

SCHEDULE B

Name of work: Running Maintenance of pipe line and water supply distribution system at port colony Vadinar(2-years)

	Sr. No.	Description	Qty.	Unit		Rate		Amount
				in figure	in word	in figure	in word	
	1	Supply of manpower for operation of water supply system at Port colony Vadinar as described in the scope of work for water supply treatment plant, its allied equipment and pipe line laid from Sihan dam to Port colony, pipe line from colony to jetty and entire water pipe line distribution network upto overhead tank of each residential and non-residential blocks in Port colony & Jetty. Including tools & plant, etc as directed by Engineer -in charge. Manpower = Plant/Pump operator - Semi-Skilled (3 nos) & Assitant to plant operator & sihan dam, pipeline- Unskilled 2+1 nos)for 26 day and 4 days for reliver on weekly off	24	month	month			
	2	Cleaning of old & new sedimentation tank once every quarter by draining out water by pumping & bottom shall be cleaned of silt, rubbish & deposits, scrubbing the entire surface area with wire brush etc., cleaning with water and chlorination of RCC internal surfaces with bleaching powder, complete as directed by Engineer in charge. The capacity of the tank is 450 KL . (3 nos)	8	job work	job work			
	3	Cleaning of old & new underground reservoir once every four months by draining out water by pumping & bottom shall be cleaned of silt, rubbish & deposits, scrubbing the entire surface area with wire brush etc., cleaning with water and chlorination of RCC internal surfaces with bleaching powder, complete as directed by Engineer in charge. The capacity of the tank is 450 KL.(2 nos)	6	job work	job work			

	Sr. No.	Description	Qty.	Unit		Rate		Amount
	4	Cleaning of filter plant once in a week including both filter bed, alum coagulant trench, chlorine/bleaching power mixing tank underground room, outlet trench/drain at outside wherever obstruction. Removing the silt, mud water plants and other material manually from filter plant, washing complete surface of side wall, excavate & breaking clods of sand/coconut shell, with water and spreading of bleaching powder over surface etc. complete is directed by Engineer in charge. (Bleaching powder will be supplied by the Port). (2 nos)	4	job work	job work			
	5	Cleaning of filter plant once in a week including both filter bed, alum coagulant trench, chlorine/bleaching power mixing tank underground room, outlet trench/drain at outside wherever obstruction. Removing the silt, mud water plants and other material manually from filter plant, washing complete surface of side wall, excavate & breaking clods of sand/coconut shell, with water and spreading of bleaching powder over surface etc. complete is directed by Engineer in charge. (Bleaching powder will be supplied by the Port). (2 nos)	104	job work	job work			
	6	Removal of pebbles from the primary tank of filtration plant (Tank size-4.45x2.25x1.60 m) once in a year including cleaning and filling in layers including loading and unloading, levelling etc. once in year, as directed by the Engineer in charge (Pebbles will be supplied by the Port).	2	job work	job work			
	7	Removal of coconut shell, sand and mud from the second tank (Tank size=4.45x2.25x1.20 m) once in a year of filtration plant including cleaning the same with water and filling up with crushed coconut shell and sand in layers including loading & unloading etc. once in year, complete as directed by Engineer-in charge (Coconut shell and sand will be supplied by the Port).	2	job work	job work			
	8	Leakage repair of 200/300 mm dia C.I / HDPE pipe by providing M.S Clamp, all necessary fitting, reducer, elbow, bend, clamp including all necessary materials, labour, tools and plant, excavation manually/mechanical, refilling & testing etc complete as directed by Engineer in charge.	24	job work	job work			

	Sr. No.	Description	Qty.	Unit		Rate		Amount
	9	Leakage Repair of 100/50 mm dia HDPE/G.I/P.V.C/C.I pipes (Port colony pipeline, pipe line from colony to jetty and entire water pipe line distribution network upto overhead tank of each residential and non-residential blocks in Port colony & Jetty) by providing M.S Clamp including all necessary fittings, reducer, elbow, bend, clamp, labour, tools and plant, excavation manually/mechanical, refilling & testing etc. complete as directed by Engineer in charge.	30	job work	job work			
	10	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 50 mm nominal outer dia Pipes	30	mtr	metre			
	11	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meter lead as per direction of Engineer-in-charge	7.15	m3	cubic metre			
	12	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand	7.15	m3	cubic metre			
	13	Plastering with cement mortar 1:4 including scrubbing, cleaning, finishing smooth, curing ,etc complete For interior plaster up to floor two level	130.00	m2	square metre			
	14	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a)1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	10.80	m3	cubic metre			
	15	White wash or metori wash on pipeline pedestals with lime to give evenshade including scrabing and cleaning the surface including cost of indigo, fevicol DDL as gum, tools, tackle complete all materials and all labours as directed by Engineer in charge.	465	m2	square metre			
	16	Painting Steel (CI pipe) work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	2042.55	m2	square metre			

	Sr. No.	Description	Qty.	Unit		Rate		Amount
	17	Cleaning jungle weeds, thick bushes etc. including cutting & removing trees up to 30cm girth & 30cm above ground level & disposal of the stumps by burning & removing the root & levelling the surface all along the water supply pipeline from colony to jetty road side once in a years (10 k.m length x 2 mrts wide)	40000	m2	square metre			
	18	Maintenance & cleaning work of sluice valve, air valve, pump and filter plant including all concern valve and maintenance work etc complete as per direction of engineer in charge. (Labour work only	90	day	day			
	19	Structural steel work riveted, bolted or welded in built up sections,trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	43.49	kg	kilogram			
	20	Hiring of JCB of loading capacity0.5 to 1.0 m3 including wages for driver ,cleaner and cost of fuel for 8 hrs/day cleaning of water supply complex and 300 mm dia w/s main line including others miscellaneous work	10	day	day			
					Total Rs.			

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