



Vaidyaratnam P.S.Varier's

**ARYA VAIDYA SALA KOTTAKKAL**

Schedule for for Revamping existing collection Tank, Converting old drying bed to addl.collection tank,  
Construction of sludge shed, etc. at Factory ETP, Kottakkal

SI No	Item Description	Quantity	Unit	Rate in figures & words	Amount
<b>A</b>	<b>Revamping Existing Collection Tank</b>				
1	Cleaning the existing tank with necessary labour charges, machineries and removing the waste to a suitable area as per the instruction of SE etc. complete.	L.S	....		
2	P.C.C. 1:4:8, using 40mm broken stone, including cost and conveyance of all materials, labour charges, watering, curing, etc, complete, but excluding the cost of cement.	8.00	M <sup>3</sup>		
3	Providing and laying R.C.C, M20, for tank lining, using 20mm and down grade hard granite broken stone, machine mixed and mechanically vibrated including all form work, watering, curing, deshuttering, cost and conveyance of all materials, all labour charges, etc. complete, but excluding cost of reinforcement & cement.				
	a) Bottom raft slab	8.00	M <sup>3</sup>		
	b) Vertical walls	14.00	M <sup>3</sup>		
4	Reinforcement for RCC bent, tied in position, including cost of steel rod, binding wire, etc, complete.	3000.00	Kg		
5	Plastering the inside wall and floor of tank with approved water proofing admixtures cm 1:4, 12mm thick including a neat flushing coat over it, including cost and conveyance of all materials, labour charges, watering, curing, etc, complete. but excluding cost of cement.	160.00	M <sup>2</sup>		
6	Core cutting on RCC wall any diameter for pipes	5.00	No		
7	Disposal of waste materials to a distance of 2km, including loading, unloading, conveyance charges etc. complete.	15.00	M <sup>3</sup>		

SI No	Item Description	Quantity	Unit	Rate in figures & words	Amount
8	Supplying & fixing Handrail of height 4', post & top bar 1 1/2" G.I pipe and horizontal pipe @ 3/4" G.I pipe (3Nos) , the rate including cost of all materials, labour charges, painting with two coat enamel paint over a coat of primer etc. complete.	32.50	RM		
9	Necessary plumbing work for connecting treated water line to tank	L.S	...		
10	Labours engaged for any other works if required.				
	a) Mason	2.00	Each		
	a) Helper	3.00	Each		
	<b>Total (A)</b>				
<b>B</b>	<b>Converting Old Drying Bed to Addl. Collection Tank</b>				
1	Cleaning the existing tank with necessary labour charges, and removing the waste to a suitable area as per the instruction of SE etc. complete.	L.S	....		
2	Dismantling the RR masonry and stacking the useful materials at a convenient place, including cost of labour charges, tools etc. complete.	30.00	M <sup>3</sup>		
3	P.C.C. 1:4:8, using 40mm broken stone, including cost and conveyance of all materials, labour charges, watering, curing, etc, complete, but excluding the cost of cement.	12.00	M <sup>3</sup>		
4	Providing and laying R.C.C, M20, for tank, using 20mm and down grade hard granite broken stone, machine mixed and mechanically vibrated including all form work, watering, curing, deshuttering, cost and conveyance of all materials, all labour charges, etc. complete, but excluding cost of reinforcement & cement.				
	a) Bottom raft slab	15.00	M <sup>3</sup>		
	b) Vertical walls	17.00	M <sup>3</sup>		
5	Reinforcement for RCC bent, tied in position, including cost of steel rod, binding wire, etc, complete.	4200.00	Kg		

SI No	Item Description	Quantity	Unit	Rate in figures & words	Amount
6	Laterite Masonry in cement mortar 1:5, for pipe support and manhole, including cost and conveyance of all materials, labour charges, watering, curing, etc, complete, but excluding cost of cement.	20.00	M <sup>3</sup>		
7	Plastering the inside wall and floor of tank with approved water proofing admixtures cm 1:4, 12mm thick including a neat flushing coat over it, including cost and conveyance of all materials, labour charges, watering, curing, etc, complete. but excluding cost of cement.	250.00	M <sup>2</sup>		
8	Plastering the outside wall with cm 1:4, 12mm thick, including cost and conveyance of all materials, labour charges, watering, curing, etc, complete. but excluding cost of cement.	60.00	M <sup>2</sup>		
9	Core cutting on RCC wall any diameter for pipes	5.00	No		
10	Supplying, laying and fixing RCC pipe of 300mm dia, for waste water lines, in proper line and gradient with necessary joint collars, etc, complete, from existing screen chamber to new collection tank as per the drawing/specification	90.00	M		
11	Painting with two coat white cement on the inside walls including cost & conveyance of all materials, labour, scaffolding charges etc. complete	100.00	M <sup>2</sup>		
12	Disposal of waste materials to a distance of 2km, including loading, unloading, conveyance charges etc. complete.	45.00	M <sup>3</sup>		
13	Labours engaged for any other works if required.				
	a) Mason	2.00	Each		
	a) Helper	2.00	Each		
14	Supplying & fixing Handrail of height 4', post & top bar 1 1/2" G.I pipe and horizontal pipe @ 3/4" G.I pipe (3Nos), the rate including cost of all materials, labour charges, painting with two coat enamel paint over a coat of primer etc. complete.	40.00	RM		
	<b>Total (B)</b>				

SI No	Item Description	Quantity	Unit	Rate in figures & words	Amount
<b>C</b>	<b>Construction of Sludge Shed</b>				
1	Earth work excavation in Ordinary Soil for foundation with initial lead and lift and stacking the materials at a convenient place.	6.50	M <sup>3</sup>		
2	Dry rubble masonry for foundation, including cost and conveyance of all materials, labour charges, etc. complete.	7.00	M <sup>3</sup>		
3	Providing and laying R.C.C, M20, for belt, using 20mm and down grade hard granite broken stone, machine mixed and mechanically vibrated including all form work, watering, curing, deshuttering, cost and conveyance of all materials, all labour charges, etc. complete, but excluding cost of reinforcement & cement.	1.60	M <sup>3</sup>		
4	Reinforcement for RCC bent, tied in position, including cost of steel rod, binding wire, etc, complete.	160.00	Kg		
5	Solid block masonry in cement mortar 1:5, for wall, including cost of all materials, labour charges, watering, curing, etc, complete, but excluding cost of cement.	8.25	M <sup>3</sup>		
6	Filling with quarry waste for levelling the floor	3.00	M <sup>3</sup>		
7	P.C.C. 1:4:8, using 40mm broken stone, including cost and conveyance of all materials, labour charges, watering, curing, etc, complete, but excluding the cost of cement.	5.00	M <sup>3</sup>		
8	Plastering with cement mortar 1:4, 12mm thick, for walls & floor, including cost and conveyance of all materials, necessary scaffolding, labour charges, etc, complete. but excluding the cost of cement.	120.00	M <sup>2</sup>		
9	Providing and fixing GI Roof with 0.35mm thick powder coated GI roofing sheet for roof, including necessary MS frame works, all fittings, painting two coat enamel paint over a coat of primer, etc, complete. as per the specification/drawing	60.00	m <sup>2</sup>		

SI No	Item Description	Quantity	Unit	Rate in figures & words	Amount
10	Providing supplying and fixing 6" dia PVC Eaves gutter with necessary m.s clamp, including cost of all materials, labour charges, etc. complete.	20.00	M		
11	Providing supplying and fixing 3" dia PVC pipe, for down water pipe including necessary clamps, cost of all materials, labour charges, etc. complete.	15.00	M		
12	Applying two coat of Janathacem adding required glue & blue on the inside walls including cost & conveyance of all materials, labour, scaffolding charges etc. complete	120.00	M <sup>2</sup>		
13	Disposal of waste materials to a distance of 2km, including loading, unloading, conveyance charges etc. complete.	5.00	M <sup>3</sup>		
14	Labours engaged for any other works if required.				
	a) Mason	2.00	Each		
	a) Helper	2.00	Each		
	<b>Total (C)</b>				
	<b>Grand Total (A+B+C)</b>				
	Add C.G.S.T (.....%)				
	Add S.G.S.T (.....%)				
	<b>Net Total</b>				
(Rupees ..... only)					

Date:

Name &amp; Address of Contractor