

**TARIME TOWN COUNCIL**

**SCHEDULES OF MATERIALS OF PLUMBING AND ENGINEERING INSTALLATIONS FOR THE PROPOSED COMPLETION OF TARIME TOWN COUNCIL ADMINISTRATION BLOCK MARCH 2022**

ITEM	GENERAL DESCRIPTIONS OF WORKS	QTY	UNIT	PRICE-TZS	AMOUNT
	<b><u>SANITARY APPLIANCES</u></b>				
	<b><u>Supply and fix the following sanitary appliances including all connections and fixing to FLOORS or WALLS as necessary, reference COTTO:</u></b>				
1	INFINITY white vitreous china wash hand basin with single taphole complete with all necessary fittings and accessories including victoria plus faucets; semi pedestal catalogue and chain stay hole; 1½in bead chain waste and plug; 80cm slotted tail bolt stay; isovalve servicing valves.	28	No		
2	INFINITY white vitreous china close coupled wash down water closet with dual flush system; heavy duty white seat cover soft close system; complete with S/P TRAP	8	No		
3	White vitreous china C204 squat 2 back inlet flush squat with pedestal; wash down squat; floor outlet S-TRAP roughing in range 205mm (Asian Type)	8	No		
4	80mm Diameter high quality plastic floor drain trap built in concrete bed.	8	No		
5	Stainless steel kitchen sinks, single bowl single drainer (SBSD); size 550 x 900mm , bright/satin complete with 38mm chromium plated bottle trap; waste plug; chain and pin, including a pair of cast iron cantilever support brackets plugged to block work.	2	No		
6	'Fairline' deck mounted kitchen sink mixer cat. No. S7916AA with chrome plated handles, 180mm centres with twin flow nozzle.	2	No		
7	450 x 600 x 6mm Thick looking mirror with beveled edges with alkaline resistance opaque material and 'domex' screws to tiled surfaces.	28	No		
8	White vitreous china 'Mayfair' 150 x 150mm semi recessed soap holder cat. No. S5004.	16	No		
9	150x150 White colored vitreous china semi-recessed toilet paper roll holder S5004 (2053100) Mayfair	16	No		
10	13mm Diameter Douche spray complete with pipe.	18	No		
11	JAZIRA Urinal in white vitreous China complete with chrome bottle trap; stainless steel stainer with flush vale and urinal partition.	12	No		
	<b><u>WC for Disabled;</u></b>				

12	White colored vitreous China S3200 (152701A) Ventura high rise WC (Ventura CC) with floor fixing kit, S3900 (17730AA) cistern and cover, 6 liter with freeflo siphon bottom supply, micro valve HP/LP ball valve, side supply refill unit, internal over flow, cistern cover fastener, close coupling fitment S4420 (7974000) Spatula side lever assembly, chromes plated S 4062 (68940B7) Bakasan seat only, chrome plated pillars S9101 (7550BPR) Domex screws (pair) including S6896 (7788400) 60cm grab rail (3off);	4	No		
13	S6984 (7788200) 45cm pull rail of 4Nos (for back door);	4	No		
14	(691297797100) hinged support rail,	4	No		
15	S6888 (7780000) backrest rail 40cmx25 cm and S6884(7773100) cushioned back support with clips:S5004(2053100)	4	No		
16	Mayfair semi recessed toilet roll holder 150 x150mm, as per Doc M Standard Pack.	4	No		
<b>B. COLD WATER INSTALLATION:</b>					
<b><u>DIZAYN PE 100 pipes, PN 20 Class E painted with special paint; including joints in running length.</u></b>					
<b><u>Supply pipes:</u></b>					
1	25mm. Diameter supply pipes; in trenches.	6	PCS		
2	25mm Diameter vertically standing to upper tank	3	PCS		
3	Allow sum for all accessories (elbows, tees, nipples, unions, reducers plug etc).	1	L/s		
<b><u>Distribution pipes:</u></b>					
<b><u>Dizayn pipes including screwed and socketted joints in running length:</u></b>					
4	25mm Diameter pipe; fixed to wall	8	PCS		
5	25mm Diameter pipe; laid in roof ceiling	20	PCS		
6	Allow sum for all accessories (elbows, tees, nipples, unions, reducers plug etc).	1	L/s		
7	19mm Diameter pipe; fixed to wall.	11	M		
8	Allow sum for all accessories (elbows, tees, nipples, unions, reducers plug etc).	1	L/s		
9	13mm Diameter pipe; in chase.	22	M		
10	Allow sum for all accessories (elbows, tees, nipples, unions, reducers plug etc).	1	L/s		
<b><u>Flexible piping:</u></b>					
11	12mm Tube in short lengths; including nuts	28	No		
<b>C. WASTE AND VENT PIPES:</b>					
<b><u>PVC pipes; Class E; including fittings in running length.</u></b>					
1	32mm Diameter pipe.	2	PCS		
2	Allow sum for all accessories (elbows, tees, nipples, unions, reducers, plug etc).	1	L/s		
<b><u>SOIL AND VENT PIPES:</u></b>					

	<b><u>UPVC pipes and fittings; Class E; in running lengths;</u></b> <b><u>BS 4660 for underground pipes and B.S 3506 for pipes</u></b> <b><u>above ground.</u></b>				
3	100mm. Diameter pipes; fixed to walls.	15	PCS		
4	100mm Diameter PVC vent cowl.	2	No		
5	Allow sum for all accessories (elbows, tees, nipples, unions, reducers plug etc).	1	L/s		
	<b><u>Ancillaries:</u></b>				
	<b><u>Draw off taps; stop valves; copper alloy to BS 5154 or</u></b> <b><u>BS 1010.</u></b>				
6	25mm Diameter stop valve.	7	No		
7	25mm Diameter non-return valve.	1	No		
8	19mm Diameter stop valve.	19	No		
9	13mm Diameter stop valve.	36	No		
10	13mm Diameter bib taps.	12	No		
	<b><u>EQUIPMENT:</u></b>				
	<b><u>FIRE FIGHTING INSTALLATIONS:</u></b>				
	<b><u>Portable fire extinguishers (PFE)</u></b>				
1	9Kg, ABC dry powder 'ARGUS' or any other equal and approved fire extinguishers, fixed to wall with and including brackets plugged on block work.	18	No		
	<b><u>WATER STORAGE TANK:</u></b>				
	Supply and install ground water storage tank; "SIMTANK/POLYTANK" 10000 litres capacity; placed on and including constructing concrete platform 3000mm diameter with minimum height 150mm above ground level, including ball valve; high and low level float switch; cover; ladder and all necessary perforations for supply; distribution; overflow and washout pipes.				
2	Water storage tank "SIMTANK/POLYTANK" 10000 litres capacity; placed on	3	No		
3	Supply and install water storage tank; "SIMTANK/POLYTANK" 3000 litres capacity; placed over concrete water tank roof slab over 6.0 metres high; including ball valve; high and low level float switch; cover; ladder and all necessary perforations for supply; distribution; overflow and washout pipes;	2	No		
	<b><u>Water Pump</u></b>				
4	Supply and fix water booster pumps, "GRUNDFOS AUTOMATIC"; Type: CM 10-2A; Flow: Q = 2-14m <sup>3</sup> /h; Head: H = 16-31m; connecting to pipes as necessary; fixed on and including concrete base and grille cage with corrugated sheet cover to protect pumps from rain ; padlock, and all as per Architect's instructions; complete in all aspects.	2	No		

	<b>GULLY TRAPS:</b>	4	No		
5	100mm Diameter PVC gully trap with grating; constructed in and including concrete surround internal dimensions 300x300x300mm deep; with 100mm thick solid concrete block sides; 150mm thick concrete grade '15' bed; 50mm thick precast concrete grade '20' cover slab reinforced with BRC mesh, with lifting devices; 12mm thick water proof cement and sand (1:3) rendering trowelled smooth to internal faces of sides; and bottom; including excavations, backfilling and compacting and removal of surplus excavated materials.				
6	100mm Diameter PVC gully trap with grating;	4	No		
7	BRC mesh,	4	No		
8	Thread seal tape	100	No		
9	Shellack	2	No		
10	Tangit	10	No		
11	Fisher plug pairs	30	No		
<b>G.</b>	<b><u>Gutter's</u></b>				
	<b><u>Roof Drainage (Provisional)</u></b>				
1	150mm diameter half round UPVC Class D rain water gutter fixed to facial board with and including brackets and all accessories as per Engineer's instructions	56	No		
2	PVC outlet 150mm fullbora	32	No		
3	PVC bend 90	24	PC'S		
4	PVC bend 45	10	PC'S		
5	Ends	2	No		
6	Gutter Clamp 3"	273	PC'S		
7	Extra:Connectors	56	No		
8	100mm diameter arade 'C' uPVC rain water down shoe	211	PCS		
9		32	No		
10	swanneck	32	No		
<b>M.</b>	<b><u>SEPTIC TANK,SOAKWAY AND MANHOLES</u></b>				
	<b><u>SEPTIC TANK (3.2m x 2.4m x 3m deep)</u></b>				
1	6" Block - Cement & Sanc	600	PC'S		
2	Sand - (Lorry 4.5M3 )	0.5	Trips		
3	Cement-50kgs (42.5)	8	Bags		
4	Aggregates (1/2") - (Lorry 4.5M3 )	1	m3		
5	Reinforcement - 12mm diameter high tensile	30	PC'S		
6	Binding Wire -1kg	5	Kgs		
7	Marine board - Size 4ft x 8ft x 18mm thick	6	PC'S		
8	Timber 2" X 2" (3m long)	7	PC'S		
9	Nails-4"	11	Kgs		
10	Nails-3"	10	Kgs		
11	Supporting Props	20	PC'S		
12	500 X500mm Cast iron cover	12	PC'S		
13	100mm diameter PVC vent pipe complete -	1	PC'S		

	<b><u>SOAK AWAY PIT (5.5m Diameter x 4.5m deep)</u></b>				
14	6" Block - Cement & Sanc	1,300	No		
15	25 -50mm broken stones (4.5m3 per trip)	1	Trip		
16	Sand - (Lorry 4.5M3 )	1	Trips		
17	Cement-50kgs (42.5)	33	Bags		
18	Aggregates (1/2") - (Lorry 4.5M3 )	0.5	Trips		
19	Reinforcement - 12mm diameter high tensile	39	PC'S		
20	Reinforcement - 16mm diameter high tensile	4	PC'S		
21	Binding Wire - 1kg	8	Bundle		
22	Marine board - Size 4ft x 8ft x 18mm thick	6	PC'S		
23	Nails-4"	20	Kgs		
24	Nails-3"	15	Kgs		
25	Plywood - Size 4ft x 8ft	2	PC'S		
26	Timber 2" X 2" (3m long)	7	PC'S		
27	Supporting Props	20	PC'S		
28	500 X500mm Cast iron cover	5	PC'S		
	<b><u>MANHOLE</u></b>				
29	6" Block - Cement & Sanc	454	PC'S		
30	Sand - (Lorry 4.5M3 )	0.5	Trip		
31	Cement-50kgs	20	Bags		
32	600 X600mm Cast iron cover	15	PC'S		
33	PVC pipe 100mm diameter grade 'C'	24	PCS		
	<b>TOTAL MATERIALS COST PLUMBING AND ENGINEERING INSTALLATIONS</b>				-