



KIMBULE PRIMARY SCHOOL
TENDER NO: KCO/13/01/FY24 CONSTRUCTION OF WATER PIPELINE AND PLASTIC TANK PLINTH FOR KIMBULE PRIMARY SCHOOL COMMUNITY

BILL OF QUANTITIES

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A PLINTH & YARD TAP					
1 Excavation & Earthworks - (ALL PROVISIONAL)					
1.1	Clear site of all vegetation, shrubs and bushes and cart away debris. For plinth and yard tap	1	ITEM		-
1.2	Excavate oversite to remove top vegetable soil, average 800mm deep and cart away.	6	SM		-
1.3	Excavation in soft rock, slabs, mud and fallen materials for Strip footing commencing from stripped level, 800mm deep, 600mm wide for 200mm thick wall.	6	CM		-
1.4	Approved granular/hardcore fill, thickness 150mm.	9	SM		-
1.5	No. 500 gauge polythene sheeting laid with 150mm laps (measured net - No allowance made for laps)	9	SM		-
1.6	Premise 200 SC TM manufactured by BAYER CROPSCIENCE or other equal approved anti-termite chemical treatment: strictly applied by an approved professional pest control specialist with a written 10 year warranty ; to hardcore surfaces and excavated surfaces	1	ITEM		-
2 Works below ground upto and including ground works.					
2.1 Insitu Plain Concrete (1:4:8)					
2.1.1	50mm Blinding under foundations.	9	SM		-
2.2 Vibrated reinforced concrete (1:2:3) Class 20/20					
2.2.1	Ground Floor Slab- 100mm Thick for the plinth and yard tap	7	SM		-
2.3 Formwork					
2.3.1	Edges of Ground Floor Slab.	9	LM		-
2.4 Reinforcements					
2.4.1	High yield twisted cold worked steel bar reinforcements to BS 4461				-
2.4.2.1	10mm diameter bars	35	KG		-
2.4.2.2	8mm diameter bars	35	KG		-
3 Foundation Walling					
3.1	Machine-cut coral block walling jointed in cement mortar both plinth and yard tap				-
3.2	Foundation walling, thickness 200mm	8	SM		-
4 Ground floor walling					
4.1	Machine-cut coral block walling jointed in cement mortar (1:4); reinforced with hoop iron at every alternate course both plinth and the yard tap.				-
4.2	External Walling, thickness 200mm	14	SM		-
5 Wall plaster and rendering					
5.1	Rendering to wall and concrete surfaces, finished with a wood float, average thickness 15mm- to receive paint and Tiling, both plinth and yard tap.	24	SM		-
6 Tank Supply and installation					
6.1	Procure, deliver to site and install 10CUM Top plastic storage tank on the plinth and provide for all necessary plumbing waorks as instructed by the site supervisor.	1	LS		-
PAGE 1 OF 2 TOTAL OF WATER WORKS CARRIED TO MAIN SUMMARY					
B PIPELINE CONSTRUCTION AND FITTINGS					
1 Procure pipe fittings deliver and install along the pipeline as directed by the Engineer, PN 16					
1.1	Procure and deliver to site 25mm PPR pipes	6	Rolls		-
1.2	Procure and deliver to site ½ PPR pipes	6	Rolls		-
1.3	Saddle clamp 3x1 inch	1	Pc		-
1.4	Gate Valve Pegler 1 inch	5	Pcs		-
1.5	Gate Valve Pegler ½ inch	6	Pcs		-
1.6	GI Union 1 inch	6	Pcs		-
1.7	GI Tee 1inch	3	Pcs		-
1.7	GI Nipples 1inch	3	Pcs		-
1.8	GI Elbows 1 inch	6	Pcs		-
1.9	GI Bend 1inch	2	Pcs		-
1.10	GI Sockets 1 inch	3	Pcs		-
1.11	Bib taps 1 inch	3	Pcs		-
1.12	Thread Seal tape	10	Pcs		-
1.13	Provide for Meter connection to the Water Service Provider	1	LS		-
1.14	Provide labour for pipe laying and all plumbing works	1	LS		-
C WATER KIOSK					
1	Construction of a water kiosk with an overhead tank of 5,000 litres. Including supply and installation of all necessary pipeworks and fittings as provided in the drawing	1	LS		-
PAGE 2 OF 2 TOTAL OF WATER WORKS CARRIED TO MAIN SUMMARY					