

PROVISIONAL BILL OF QUANTITIES
SUPPLY AND INSTALLATION OF THE WATER STORAGE TANK AND BOOSTER PUMPS
THE PLAY HOUSE ADMINISTRATION BUILDING COMPLEX MAYVILLE

REV 0

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
SECTION 5 - NEW DOMESTIC WATER STORAGE PROJECT					
TANK 01	<p>Play House Mayville domestic water storage tank. Supply and Installation:- of a sectional water storage tank position plant room level - on ground floor - to include all related pipework and valves/fittings.</p> <p>Make: SBS ECO Tanks OR SIMILAR AND APPROVED. Model: ECO3-02 Diameter: 2.73m Height: 2.14m Foundations: New - by Civil contractor Connections: 1 x 32mm inflill line with std ball valve. 1x 52mm outlet line</p> <p>Material: Galvanised Steel Capacity: 12 Kilolitres</p> <p>Tank accessories</p> <p>Fixed ladder assembly c/w ladder, platform, cages, handrail and access Bermade/Inbal level control and 32 inflill from main supply. 100mm tank dump drain outlet. 100mm overflow int bell mouth ext downpipe grooved. Level indicator.</p>	ea.	1		
DW - P01	<p>Domestic Water Pump Supply and Installation:- (including anti-vibration mounts, rigging, controls for operation and electrical connections).</p> <p>Make: Wilo Model: ISAAR BOOST5-E-5 Duty: 4,5 m3/hr Pressure: 4 Bar Notes: TWINSET with expansion card per set and low level float control.</p>	ea.	2		
MONITORING SYS	<p>Supply and Installation of a stand alone BMS monitoring system to monitor the For each system: Domestic Water Pressure - low pressure alarm Fire Water pressure - low pressure alarm Low water level tank alarm</p>	ea.	2		
FILTRATION SYS	<p>Domestic water inlet strainer Ø50mm</p> <p>Domestic Water Reticulation Supply and Installation of MEPLA or PEX piping and HDPE Piping where below ground level, to comply with relevant standards - ISO 2016 & SANS 10400 Part W. From Domestic water line located below ground adjacent the the boundary fence to the new proposed water tank across BOH service road.</p> <p>Mepla Pipework Installed above ground</p> <p style="margin-left: 40px;">Ø m 15 Ø m 8</p> <p>HDPE Pipework Installed 600mm below ground</p> <p style="margin-left: 40px;">Ø m 25</p> <p>Fittings & Valves - Isolation Ball valves Geberit isolation valves</p> <p style="margin-left: 40px;">Ø ea. 6</p> <p>Strainer Ø ea. 1</p>	ea.	1		

ITEM No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Non Return Valve ∅	ea.	1		
	Pipe Trenching				
	HDPE PRESSURE PIPE PN 12.5				
	Excavate in pickable material, trim, supply, and lay uPVC pipes on flexible pipe bedding (SANS 1200LB) and fill blanket, backfill and compact to 94% Mod. AASTHO, remainder of excavated material spread over site.				
	50mm Piping	m	20		
	Extra over for Plasson type compression fittings				
	50mm x 2" male adaptor	ea.	6		
	50mm elbow	ea.	6		
	Pipe Supports				
	Allow for pipe supports, brackets and other fixing materials.	Sum	1		
	Labelling Provisional sum	Sum	1		R 4 000,00
	Design Development Provisional sum	Sum	1		R 40 000,00
	Civils Work Provisional sum	Sum	1		R 40 000,00
	Fencing (clear value) Provisional sum	Sum	1		R 40 000,00
	** OTHER ADDITIONAL BILL OF QUANTITIES NOT LISTED ABOVE:- (TO BE FILLED IN BY TENDERER BELOW)				
	**see schematic drawing.				
	SUB-TOTAL - SECTION 4 - NEW DOMESTIC WATER STORAGE PLANT				