

MAKELLE PRIMARY SCHOOL
SUMMARY: MECHANICAL WORKS INSTALLATION

SECTION	DESCRIPTION	AMOUNT
1	Wet Services (Incl. Water Heating Systems) SUB TOTAL 1	
TOTAL BID PRICE VAT INCL		

ITEM	REF	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2		WET SERVICES Supply, delivery, installation, commissioning and testing of New water supply and waste water drainage piping, complete connections and fittings.				
2.1	SW	Supply, delivery, installation, commissioning and testing of Cold/Hot Water Supply system				
2.1.1		Φ15mm 460/2 Copper Piping for Connection of Hot Water Supply Piping complete with connections, reducers and fittings	m	90		
2.1.2		Φ15mm Galvanised Piping for Connection of Cold Water Supply Piping complete with connections, reducers and fittings	m	90		
2.1.3		Φ22mm 460/2 Copper Piping for Connection of Hot Water Supply Piping complete with connections, reducers and fittings	m	90		
2.1.4		Φ20mm Galvanised Piping for Connection of Cold Water Supply Piping complete with connections, reducers and fittings	m	90		
2.1.5		SABS Approved Copper Adjustable Pressure Reducing Valves	Sum	1		
2.1.6		Stop/Gate Valves	Sum	1		
2.1.7		Accessories (Braided Connectors, Elbows, Tees and etc.)	Sum	1		
2.2	HW	Supply, delivery, installation, commissioning and testing of Hot Water Supply System				
2.2.1.		100L Indirect Solar Geyser	No	0		
2.2.1.		200L Indirect Solar Geyser	No	1		
2.2.1.		6kW Tankless system @ 3L/min Flow Rate (Hall - Stage Ablution Area)	No	0		
2.2.1.		2.5m ² Flat Plate Collector (SABS)	No	1		
2.2.1.		Glycol 5L Bottle (food grade)	No	0		
2.2.1.		Pipe 22x5.5m 460/0 Copper Tube	No	0		
2.2.1.		Insul 7/8x1/2 Insuflex 22x13mmx1.83m	m	0		
2.2.1.		Bottom Angle Bracket	No	0		
2.2.1.		Consumables	Sum	0		
2.2.1.		Parts Kit	Sum	0		
2.3	TC	Testing and Commissioning				
2.2.1		Testing and Commissioning of all Wet Services Installations	Sum	1		
TOTAL BROUGHT DOWN (WET SERVICES)						