

Item No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p><u>SECTION :A</u> <u>PRELIMINARY AND GENERAL</u></p> <p><u>NOTE:</u></p> <p>1). All rates for items contained in this Schedule of Rates must be computed excluding the applicable Sales Tax.</p> <p>2). The Department of Health reserves the right to Negotiate rates in the Bill of Quantities.</p> <p>3). All rubble shall be removed from site and suitably disposed of.</p> <p>4). All rates quoted shall be inclusive of transport, labour and profit.</p> <p>5). The Bidder is advised that the institution is fully functional and Occupied and disruptions to services are to be kept to the bare minimum.</p> <p>5.) Bidders are to allow for costs in providing a construction phase safety, Health and Environmental Plan. Bidders are further reminded that it is their responsibility to amend their safety plan if the assessed risk of the work changes in the slightest manner.</p>				
1	Establishment Costs	No	1		
2	De-Establishment	No	1		
3	As-built drawings	Item	1		
4	Safety file	No.	1		
	Total carried to summary				R -
	SECTION A: PRELIMINARY AND GENERAL				

Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>SECTION :B</u>				
	<u>EARTHWORKS</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	Excavation to be done to fit the registered Engineer's foundation design and specification.				
	<u>Geotechnical Test</u>				
1	Allow for a Geotechnical specialist to test ground samples and produce a Geotech Reports for the site which will allow the Professional Structural/Civil Design engineer to do foundation design.	Item	1		
	<u>Engineer's foundation design, design certificate, drawing, specification</u>				
2	Allow for a registered engineer to design all work pertaining to the tank stand foundations and slab, supplying of design certificate, engineering drawing, foundation construction specification and supervision of construction & certifying of foundations.	Item	1		
	<u>Site Clearance</u>				
3	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees including compaction and carting away excavated materials	No	1		
	<u>Excavation in earth not exceeding 2m deep including compacting excavated surfaces</u>				
4	Excavation for 3m x 3m x 0.5m bases	m ³	4,5		
	<u>Extra over trench and hole excavations in earth for excavation in</u>				
5	Soft rock	m ³	1		
6	Hard rock	m ³	1		
	<u>Extra over all excavations for carting away</u>				
7	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m ³	6		
	<u>150mm Thick G5 material compacted to 98% MOD AASHTO density.</u>				
8	Under bases	m ³	1		
	Total carried to summary				R -
	SECTION B: EARTHWORKS				

Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>CONCRETE, FORMWORK & REINFORCEMENT</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	<u>Cost of tests</u>				
	The cost of making, storing and testing of concrete cubes as required under clause 7 "tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports to the Architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect				
	<u>Formwork</u>				
	Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"),				
	<u>30 Mpa Reinforced concrete cast against excavated surfaces.</u>				
1	Bases complete with holding down bolts for the tower structure	m ³	7		
	<u>Test cubes</u>				
2	Making and testing 150 x 150 x 150mm concrete strength	No.	1		
	<u>Steel reinforcement to concrete work</u>				
3	Reinforcement for each base as per design	No.	1		
	<u>Formwork to sides</u>				
4	formwork to bases	m ²	12		
	Total carried to summary				R -
	CONCRETE, FORMWORK & REINFORCEMENT				

Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ELEVATED WATER TANKS</u>				
1	Supply, deliver and install elevated 3660 x 2440 x 2440 mm (20 kl) Domestic Water Storage Tank (complete with covers, ball float valves, pressure control valve, air release valve, scour valve, valve chamber, ball pressure valve, coupling, level indicators, overflows, inlets, outlets and Ø65 drain connections as scheduled and specified) including a steel structure 10m high to support the tank complete with ladders, balustrades etc. Allow for a 65mm diameter bore for drain and over-flow facility, 50mm diameter bore for water inlet facility and 75mm diameter for water outlet facility and earthing. As per manufacturer details.	No	1		
2	75mm Nominal bore (Tank Water Outlet Pipe) Supply and Install Galvanized (GSM) Pipework c/w fittings and supports with pipe markers (Provisional Quantity)	m	50		
3	Water meter	No	1		
Total carried to summary					R -
ELEVATED TANKS					

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	SUMMARY PAGE				
Item		Page			AMOUNT
1	PRELIMINARY AND GENERAL	1			R -
2	EARTHWORKS	2			R -
3	CONCRETE, FORMWORK & REINFORCEMENT	3			R -
4	ELEVATED WATER TANKS	4			R -
5	PLUMBING AND DRAINAGE	5			R -
6	BOREHOLE DRILLING	6			
	Sub-total				
	Add 15% VAT				
	Carried to form of tender				