



C 2.2. BILL OF QUANTITIES

PRICE SCHEDULE				
SCHEDULE 1 : EMPTYING OF VIP TOILETS				
ITEM	DESCRIPTION	UNIT	UNIT RATES (INCLUDING VAT)	RATES ONLY
1.1	Honey sucking of septic tanks/VIP using vacuum trucks	Rate per septic tank (7 m ³)		
1.2	Disposing sucked sludge into designated area that will be indicated by the municipality using a 7000 litres honey sucker	Rate per km		
1.3	Removing and disposing dry sludge into designated area that will be indicated by the municipality using a 7m ³ honey sucker	Rate per km		
1.4	Work on weekends driver overtime	Rate per day		
1.5	Working on Saturdays, Sundays and public holidays, rate/day (note this rate/day is not extra over rate on rate as per item 3 for driver	Rate per hour		
1.6	Working after normal hours (overtime) the bidder must provide for all the above in the rate/hour for driver	Rate per day		
1.7	Work on weekends for a driver	Rate per day		
1.8	Working on Saturdays, Sundays and public holidays, rate/day (note this rate/day is not extra over rate on rate as per item 3 for pump operator	Rate per hour		
1.9	Working after normal hours (overtime) the bidder must provide for all the above in the rate/hour for pump operator	Rate per day		
1.10	Work on weekends for general worker	Rate per day		
1.11	Working on Saturdays, Sundays and public holidays, rate/day (note this rate/day is not extra over rate on rate as per item 3 for general worker	Rate per hour		

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1.12	Working after normal hours (overtime) the bidder must provide for all the above in the rate/hour for general worker.	Rate per hour		
1.13	Atten to blockages and spillages	Rate per day		
1.14	Ad-hoc repairs and maintenance			

A. CLEANING			
Item	Description	Unit	Rate (R)
1.	Cleaning, Unblocking, Removal of silt, sand, sludge and other debris from the sewer pipes, manholes and deposit these materials at the official municipal disposal sites within the minimum notification of one hour and minimum callout time of two hours		
1.1	Day works: Normal working day 7h30 – 12h00 and 12h30 – 17h00	Hour	
1.2	Overtime works (Monday to Friday) 17h00 – 7h30	Hour	
1.3	Weekends and Public Holidays works	Hour	
1.4	Additional 1.1, 1.2 and 1.3 if high pressure jet machine is required	Hour	
B. RETICULATION MAINTENANCE AND REPLACEMENT			
2.	Remove, Dispose and replace pipes with compacted bedding, according to relevant SANS standards or as directed by the municipal engineer.		
2.1	110mm to 150mm diameter		
	(a) 0.5m to 1.0m deep	m	
	(b) 1.0m to 1.5m deep	m	
	(c) 1.5m to 2.0m deep	m	
	(d) 2.0m to 2.5m deep	m	
	(e) 2.5m to 3.0m deep	m	
	(f) 3.0m and deeper	m	

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2.2	200mm diameter		
	(a) 0.5m to 1.0m deep	m	
	(b) 1.0m to 1.5m deep	m	
	(c) 1.5m to 2.0m deep	m	
	(d) 2.0m to 2.5m deep	m	
	(e) 2.5m to 3.0m deep	m	
	(f) 3.0m and deeper	m	
2.3	250mm diameter		
	(a) 0.5m to 1.0m deep	m	
	(b) 1.0m to 1.5m deep	m	
	(c) 1.5m to 2.0m deep	m	
	(d) 2.0m to 2.5m deep	m	
	(e) 2.5m to 3.0m deep	m	
	(f) 3.0m and deeper	m	
2.4	300mm to 315mm diameter		
	(a) 0.5m to 1.0m deep	m	
	(b) 1.0m to 1.5m deep	m	
	(c) 1.5m to 2.0m deep	m	
	(d) 2.0m to 2.5m deep	m	
	(e) 2.5m to 3.0m deep	m	
	(f) 3.0m and deeper	m	
2.5	375mm diameter		
	(a) 0.5m to 1.0m deep	m	
	(b) 1.0m to 1.5m deep	m	

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PROJECT NO: JSM/SAN – 01/W00/22-23
**APPOINTMENT OF PANEL OF CONTRACTORS FOR EMPTYING OF VIP TOILETS,
 UNBLOCKING AND MAINTENANCE OF SEWER NETWORK SYSTEMS WITHIN DR
 JS MOROKA LOCAL MUNICIPALITY AREAS FOR THE PERIOD OF THIRTY-SIX
 [36] MONTHS AS AND WHEN REQUIRED**

	(c) 1.5m to 2.0m deep	m	
	(d) 2.0m to 2.5m deep	m	
	(e) 2.5m to 3.0m deep	m	
	(f) 3.0m and deeper	m	
2.6	400mm diameter		
	(a) 0.5m to 1.0m deep	m	
	(b) 1.0m to 1.5m deep	m	
	(c) 1.5m to 2.0m deep	m	
	(d) 2.0m to 2.5m deep	m	
	(e) 2.5m to 3.0m deep	m	
	(f) 3.0m and deeper	m	
2.7	450mm diameter		
	(a) 0.5m to 1.0m deep	m	
	(b) 1.0m to 1.5m deep	m	
	(c) 1.5m to 2.0m deep	m	
	(d) 2.0m to 2.5m deep	m	
	(e) 2.5m to 3.0m deep	m	
	(f) 3.0m and deeper	m	
2.8	500mm diameter		
	(a) 0.5m to 1.0m deep	m	
	(b) 1.0m to 1.5m deep	m	
	(c) 1.5m to 2.0m deep	m	
	(d) 2.0m to 2.5m deep	m	
	(e) 2.5m to 3.0m deep	m	
	(f) 3.0m and deeper	m	

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Witness 2



C. CCTV INSPECTION, COLOUR VIDEO RECORDING WITH DETAILED REPORT			
3.1	110mm to 150mm diameter	m	
3.2	200mm diameter	m	
3.3	250mm diameter	m	
3.4	300mm to 315mm diameter	m	
3.5	375mm diameter	m	
3.6	400mm diameter	m	
3.7	450mm diameter	m	
3.8	500mm diameter	m	
D. CLEANING AND UNBLOCKING			
Cleaning, unblocking, removal of silt, sand, sludge and other debris from the sewer pipes and manholes by means of winch dredging and high pressure water jet machine for sewer pipes from 110mm diameter to 500mm diameter and deposit this material at designated municipal site			
4.1	110mm to 150mm diameter	m	
4.2	200mm diameter	m	
4.3	250mm diameter	m	
4.4	300mm to 315mm diameter	m	
4.5	375mm diameter	m	
4.6	400mm diameter	m	
4.7	450mm diameter	m	
4.8	500mm diameter	m	
E. COMPLETE RE-BUILDING OF MANHOLES AND BENCHING INCLUDING MATERIALS			
5.1	(a) 0.5m to 1.0m deep	m	
5.2	(b) 1.0m to 1.5m deep	m	

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5.3	(c) 1.5m to 2.0m deep	m	
5.4	(d) 2.0m to 2.5m deep	m	
5.5	(e) 2.5m to 3.0m deep	m	
5.6	(f) 3.0m and deeper	m	
OTHER PROJECT RELATED TO WORKS			
6.1	Removal of solids and foreign materials from grit chambers and manholes and deposit to designated site.	m^3	
6.2	Excavation and reinstatement of other existing services		
	(a) Block Paved road	m^2	
	(b) Bituminous surface road	m^2	
	(c) Concrete or surface road	m^2	
	(d) Temporal effluent diversion trench on in-situ material	m^2	
6.3	Allow sum for way-leave application, approval and submit to the municipality	Ea.	
6.4	Pump and dispose sludge to the designated site	m^2	
TOTAL			
7	Percentage mark-up similar items not listed	%	

TOTAL AMOUNT (INCLUDING VAT) TO BE FORWARDED TO FORM C 1.1 (FORM OF OFFER)

NB: Pricing must comply with the requirements as set in the scope of work.

Items not covered on the BOQ will be required to quote the municipality in line with MRI market related prices and with a mark-up of 20 %.

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