

CONSTRUCTION OF NEW SEWER LINES AT 13TH AND 17TH AVENUE

ITEM	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
SECTION 1: PRELIMINARY & GENERAL						
GENERAL						
1.1	SABS	Fixed charges & Value-related charges				
1.1.1	1200 A	Contractual Requirements				
1.1.2	8.3	Facilities required by Contractor				
1.2		General responsibilities and other fixed-charge & value-related obligations				
1.2.1		Removal of Site establishment on completion	Sum	1	10,000.00	10,000.00
1.2.2		Other fixed-charge obligations (Specify)				
1.3		Time-related charges (for duration of contract, unless otherwise				
1.3.1	8.4.1	Contractual requirements				
1.3.2	8.4.2.2	Facilities for Contractor		1	10,000.00	10,000.00
1.3.3		Facilities required by Contractor	Sum			
1.3.4	8.4.5	Other time-related obligations (Specify)				-
1.4	8.5	Sums Stated Provisionally by the Engineer (Paid only on discretion of Client)				
1.4.1		a) Material testing by commercial laboratories	Prov Sum	1	25,000.00	25,000.00
1.4.2		b) Overheads, charges and profit on item A.3.1	%			-
1.5	8.8	Location and protection of existing services				
1.5.1	PS A 8.8.4	Excavate by hand to expose existing services	m ³	3		-
1.5.2	8.8.4.3	Machine excavation to expose existing services	m ³	0		Rate Only
1.6	PS A 8.8.2	Accommodation of traffic	Sum	1		-
TOTAL CARRIED TO SUMMARY						-

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2		SECTION 2 : EARTHWORKS (PIPE				
2.1	SABS 1200 DB	EXCAVATION (PIPE TRENCHES)				
	PS DB 8.3.2(a)	Excavate in all materials for trenches, backfill, compact and dispose of surplus/unsuitable material for pipes over 160 up to 250 mm dia for total trench depth (Gravity Sewer Mains):				
2.1.1		Exceeding 0.0 m but not exceeding 1.0 m	m	5		-
2.1.2		Exceeding 1.0 m but not exceeding 2.0 m	m	140		-
2.1.3		Exceeding 2.0 m but not exceeding 3.0 m	m	15		
	8.3.2(b)	Extra-over items 2.1.1 to 2.1.5 incl. for (prov):				
2.1.3		Intermediate Excavation	m ³	96		-
2.1.4		Hard Rock	m ³	0		Rate Only
2.1.5	PS D 8.3.8.1(c)	Hand excavation, backfill and shape as directed by Engineer	m ³	96		-
2.2	8.3.3	Excavation ancillaries make up deficiency in backfill material (Provisional)				
2.2.1	8.3.3.1(b)	by importation from designated borrow pits	m ³	96		-
2.2.2	8.3.3.1(c)	by importation from commercial or off-site sources selected by the Contractor	m ³	0	-	Rate Only
2.2.3	PS DB 8.3.3.3	Compaction in road reserves	m ³	96	-	-
TOTAL CARRIED FORWARD						-

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ITEM	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		SECTION 3: BEDDING				
	SABS 1200 LB	BEDDING				
3.1	8.2	PROVISION OF BEDDING				
3.1.1		Selected granular material	m ³	21.12		-
3.1.2		Selected fill material	m ³	63.36		-
TOTAL CARRIED FORWARD TO SUMMARY						-

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ITEM	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		SECTION 4 : SEWER RETICULATION				
4.1	SABS 1200 LD	SEWERS				
		PIPEWORK				
	8.2.1	Supply, lay, joint, bed uPVC (400kPa) heavy duty, structured wall sewer mains, including all bends, junctions and specials:				
4.1.1		110mm diam	m	56		-
4.1.2		160mm diam	m	140		-
		MANHOLES				
4.2	8.2.3	Construct concrete manholes complete to drawings with lockable DCI hinged cover and frame (Rexel or similar), including benching and channelling, for depths over and up to:				
4.2.1		1.0m to 2.0m	No	4		-
		2.0m to 3.0m	No	0		Rate Only
TOTAL CARRIED FORWARD						-

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ITEM	PAYMENT	BILL DESCRIPTION	UNIT	QTY	RATE	AMOUNT
SECTION 5: ROADWORKS						
5		EARTHWORKS				
5.1	SANS 1200 DM PSDM 8.3.5	Selected layer selected layer from stockpile				
5.1.1		AASHTO maximum density in road layer works utilizing existing from temporary stockpile, place and compact	m ³	4.75		-
5.2		TREATMENT ROAD BED				
5.2.1	PSDM 8.3.3.	Roadbed preparation and compaction of material Compact to 93% mod. AASHTO maximum density (100% for sand)	m ³	2.38		-
5.2.2		SUBBASE Construct subbase with material imported from borrow pits or commercial sources identified by the Contractor and Compacted to 95% Mod AASHTO density 150mm G5 subbase layer under roadways	m ³	2.38		-
5.3	SANS 1200 MF PSMF 8.3.3	BASE sources Graded crushed stone 150mm thick layer G5 materials compacted to 98% Mod AASHTO Prime coat	m ³	2.38		-
5.4	SANS1200 MG 8.4.1	PRIME COAT Prime Coat				
5.4.1		Type cut back bitumen Grade MC-30 (0.8l/m ²) in roads in footways	m ²	15.84		-
5.4.2		Variation in the QTY of prime	l			Rate only
5.5		ASPHALT SURFACING				
5.5.1		Bitumen Surface treatment using 19mm aggregate and double slurry (19mm aggregate and double slurry (19mm Cape Seal) and spray grade emulsion (65%) in both applications	m ²	15.84		-
TOTAL CARRIED FORWARD TO SUMMARY						-

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SUMMARY OF SCHEDULE OF QUANTITIES:

SECTION	DESCRIPTION	AMOUNT	
1	SECTION 1: PRELIMINARY & GENERAL	N\$	-
2	SECTION 2 : EARTHWORKS (PIPE TRENCHES)	N\$	-
3	SECTION 3: BEDDING	N\$	-
4	SECTION 4 : SEWER RETICULATION		-
5	SECTION 5: ROADWORKS		-
SUB TOTAL		N\$	-
ADD: 2.5% to sub total as a provisional sum to cover the cost of contingencies		N\$	-
SUB TOTAL		N\$	-
ADD: VAT at 15% to TOTAL BID SUM		N\$	-
TOTAL: BID SUM (INCLUDING VAT) CARRIED TO BID SUBSMISION		N\$	-
<p>SIGNED ON BEHALF OF BIDDER:.....</p> <p align="center"><u>Signature, Date & Stamp</u></p>			