

PROVISIONAL SCHEDULE OF QUANTITIES

**FOR
INFRASTRUCTURE WORKS
AS AT 12 TH APRIL 2011
New Development
Lakeview Housing Development**

STAGE 1		Unit:	Quantity:	Rate:	Amount:
<u>FENCE</u>					
1	24 Strand electric fence incl all necessary corner posts & wiring etc. & beams	item	1	1.00	360 000.00
<u>PLUMBING & DRAINAGE:</u>					
<u>MAIN SEWER:</u>					
<u>Prices incl. Excavation & backfilling & fittings.</u>					
2	110mm UPVC Pipe laid in and including trenches not exceeding 1m deep	m	630	143.00	90 090.00
3	110mm Pipe, ditto, exceeding 1 m and not exceeding 2 m deep	m	360	228.00	82 080.00
<u>Pump Stations :</u>					
4	Pump Stations - approx 15 m2	No	2	45 000.00	90 000.00
	Pump installation	No	2	50 000.00	100 000.00
<u>Sewer manholes:</u>					
5	Excavate for and construct circular manhole not exceeding 1000mm deep of 1050 diameter precast concrete splay rebated rings jointed with water tight joints, on and including 150mm thick 20Mpa reinforced concrete base (as per engineer) and fitted with cast	No	9	4 176.65	37 589.85
6	Excavate for and construct circular manhole not exceeding 2000mm deep of 1050 diameter precast concrete splay rebated rings jointed with water tight joints, on and including 150mm thick 20Mpa reinforced concrete base (as per engineer) and fitted with cast	No	19	5 769.30	109 616.70
7	550 mm Diameter "Besaans du Plessis" Type 4A 75Kg pavement type manhole cover and frame	No	28	1 369.12	38 335.36
<u>STORM WATER:</u>					
<u>Storm water Class "C" Conc pipes :</u>					
8	450mm Pipe laid in and including trenches exceeding 1m not exceeding 2m deep	m	70	1 020.00	71 400.00
9	450mm Pipe, ditto, 2m not exceeding 3m deep	m		1 080.00	0.00
10	Build storm water culvert (Provisional Sum applied to the length)	m	70	292.86	20 500.00
<u>WATER SUPPLY:</u>					
<u>Main water supply:</u>					
<u>Prices incl for excavation , backfilling & fittings.</u>					
11	50mm Plasson UPVC Pipe laid in and including trenches exceeding 1m not exceeding 2m deep	m	990	110.00	118 800.00
12	Connect 43 units to main water supply incl all "T"s Fittings & junction:	No	43	650.00	27 950.00
13	Supply & lay 110 mm Plasson UPVC pipe to connect to municipality water line	m	2000	75.00	150 000.00
14	Kent or equal and approved water meter with digital and analogue readout for local & remote recording 22mm	No	43	1 350.00	58 050.00
15	100mm cast iron flanged reflux valve ; 200 Wog pressure rating	No	5	1 595.52	7 977.60
16	"Chubb" 03451 pair of gunmetal instantaneous steamer connection fitted with caps and short lengths of chain, including U-tube and pressure gauge	No	5	893.34	4 466.70
17	Cast Iron gate valve 100 Dia. flanged ; 200 Wog pressure rating	No	5	2 309.44	11 547.20
18	100mm Tamper proof "Storz" hydrant valve	No	5	2 608.76	13 043.80

<u>ELECTRICAL :</u>					
19	Electrical reticulation as per Eng. Estimate 26 / 01/07. (Annexure "D")	Item			1 565 000.00
<u>GATEHOUSE</u>					
20	Gatehouse - 20 m ² incl booms (Provisional Sum)	Item			150 000.00
SUB TOTAL					R 3 106 447.21
ADD - P & G (6%)					186 386.83
ADD - CONTINGENCY (5%)					164 641.70
ADD - PRE CONTRACT ESCALATION (3 months)					103 724.27
ADD - CONTRACT ESCALATION (9 months)					163 459.08
ADD - PROF FEES (11%)					380 322.33
STAGE 1 TOTAL INFRASTRUCTURE WORKS EXCLUDING VAT					4 104 981.43
<u>STAGE 2</u>		<u>Unit:</u>	<u>Quantity:</u>	<u>Rate:</u>	<u>Amount:</u>
<u>ROADS</u>					
21	Allow for Tarmacaddum & 200 mm subbase ; roads incl all necessary compacting	m2	3600	340.00	1 224 000.00
22	Supply & fit concrete kerbs	m	2100	110.00	231 000.00
23	Sundry road marking & signs	Item			65 000.00
<u>LANDSCAPING AND DAMS</u>					
24	Landscaping and dams	item			500 000.00
<u>IRRIGATION:</u>					
25	32mm "Pollyprop". Pipe laid in and including trenches exceeding 1m not exceeding 2m deep	m	990	85.00	84 150.00
26	Booster pump at dam	No	1	15 000.00	15 000.00
27	Borehole - 30 m deep incl all switchgear	No	4	15 000.00	60 000.00
28	Pump Station (Provisional Sum)	No	3	150 000.00	450 000.00
SUB TOTAL					R 2 629 150.00
ADD - P & G (6%)					157 749.00
ADD - CONTINGENCY (5%)					139 344.95
ADD - PRE CONTRACT ESCALATION (3 months)					87 787.32
ADD - CONTRACT ESCALATION (9 months)					138 344.04
ADD - PROF FEES (11%)					321 886.83
STAGE 2 TOTAL INFRASTRUCTURE WORKS EXCLUDING VAT					3 474 262.14
STAGE 1 AND STAGE 2 TOTAL INFRASTRUCTURE WORKS EXCLUDING VAT					7 579 243.57