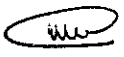



LANDSCAPING AT RUARAKA DEPOT

BILL PAGE1:

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT SHS	CT
A	Clear grounds of unwanted materials, including digging soil 300mm deep removing all roots and weeds, dump and level ground to approved slopes then supply and pour top vegetable (red) soil mixed with Manure and raked to a fine tith.					
i	Clearing, Digging and Dumping to an approved dumpsite	6500	SM			
ii	Red Vegetable Top Soil as per sample.	600	TONS			
iii	Organic Manure/Cow Dung Manure; free of infestations.	100	TONS			
B	Supply and store in approved conditions, grass and other approved groundcovers then plant at 50mm & 150mm centers both ways respectively including fertilizing(organic), tilling, watering and maintaining until well/fully established.					
i	Zimbabwe grass or any other equally approved grass (supplied in 1500x1000mm patches)	1300	NO			
ii	Bougainvillea.	175	NO			
iii	Santolina chamaesaiparisus.	550	NO			
iv	Lantana camara/montevicensis.	50	NO			
v	Purple Heart.	75	NO			
vi	Kikuyu grass or any other equally approved grass. (supplied in 1500x1000mm patches)	2000	NO			
vii	Cactus	15	NO			
viii	Allow a provisional sum of Kshs.100,000.00 for variety of other flowers.  25/8/2014		SUM			
Total of Bill Carried Forward to Summary						


## BILL OF QUANTITIES

BILL PAGE 2:

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT SHS	CT
A	Excavate pits in normal soils size 500mm deep x 300mm diameter for shrubs and 1500mm deep x 1200mm diameter for trees/palms(1800mm high), part backfill and add manure mixed with red forest soil and cart away surplus load then water and maintain till well established. Prop up the trees/palms/shrubs with stakes tied together.					
	<u>SHRUBS</u>					
i	Duranta	10	NO			
ii	Ornamental Grass (purple and green)	15	NO			
iii	Aloe vera	20	NO			
iv	Hibiscus rosasinensis	35	NO			
v	Catharanthus/ Vinca rosea	10	NO			
vi	Brunfelsia pausiflora (Yesterday, Today & Tomorrow)	8	NO			
vii	Cordeum variegatum (Croton)	5	NO			
	<u>PALMS</u>					
viii	Royal Palm	8	NO			
ix	Ravenalla madagascariensis (Travellers' Palm)	10	NO			
	<u>TREES</u>					
x	Araucaria spp	10	NO			
xi	Jacaranda	5	NO			
 25/8/2014						
Total of Bill Carried Forward to Summary						


LANDSCAPING AT RUARAKA DEPOT

BILL PAGE 3:

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT SHS	CT
A	Supply and install river bed rocks and pebbles (crushed and solid) for rock gardens jointed in cement mortar where applicable and distributed in approved areas for aesthetics.					
i	River bed rocks	21	TONS			
ii	Crushed Pebbles	28	TONS			
iii	Solid Pebbles (smooth and round)	7	TONS			
	<u>CIVIL WORKS</u>					
B	Supply and installation of paved walkway and parking with kerb stones on the edges Excavate grounds not exceeding 500mm deep and dump cart away from site to dump site as directed.	150	SM			
C	Fill with 300mm thick well compacted murrum leveled and compacted in 150mm thick layers.	30	CM			
D	50mm fillings as blinding to murrum, leveled and compacted.	150	SM			
E	Supply and fix in approved pattern cabro blocks (size not exceeding 60mm thickness, 210mm long and 110mm wide), fill with sand and compacted to desired results	400	SM			
F	125x250mm precast concrete class 20/20 splayed up stand straight road kerb finished smooth and laid and jointed in cement mortar (1:4) set on and including concrete class Q(1:3:6) 180mm thick x 380mm wide bed and 100mm thick haunch and all necessary excavation and formwork.	175	LM			
	<u>Drainage Channels</u>					
G	Excavate trench for drainage channel along the property boundary not exceeding 500mm deep starting at invert level.	200	SM			
	 25/8/2014					
	Total of Bill Carried Forward to Summary					

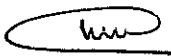
BILL OF QUANTITIES

BILL PAGE 4:

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT SHS	CT
A	<p><b>Drainage Channels Cont'd</b> Purpose made Pre-cast concrete (1:2:4) in I.B.D. (half round) channels size (12" inch) 300 x 600mm laid on consolidated sand bed jointed in cement sand mortar (1:4) all as per engineer's details.</p>	175	LM			
B	200mm x 200mm concrete (1:3:6) Haunching to one side, including all necessary formwork, excavations and disposal.	175	LM			
C	Provide provisional Sum of Kshs. 300,000.00 for supply and installation of hardened plastic material garden seating benches .		SUM			
D	Allow a provisional sum for a 6 Month maintenance of the ground.		SUM			
E	Provide A Prime Sum of Kshs. 400,000.00 for plumbing connection and reticulation around the park.		SUM			
F	Allow a prime cost Sum of Kshs. 200,000.00 for landscaping specialist consultancy; design and supervision as recommended and approved by Client.		SUM			
G	Include percentage of prime cost sum in item F above for contractor's overheads and profits.		%			
H	<p><b>Chainlink Fencing</b> 3000mm high x12 gauge galvanised chainlink fencing with 5-strand by 12.5 gauge galvanised barbed wire on and including 100x50mm cranked concrete posts set in 300x300x600mm deep concrete bases at 3000mm centre and struted at 21m intervals and all corners.</p>	245	LM			
J	Repair broken drainage side slabs, kerbs and cabro to match existing including painting to kerbs	18	LM			
<p align="center">                   25/8/2014             </p>						
<p align="center"><b>Total of Bill Carried Forward to Summary</b></p>						

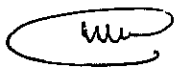
LANDSCAPING AT RUARAKA DEPOT

BILL PAGE 5:

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT SHS	CT
A	<p style="text-align: center;"><u>water tank</u></p> Supply and deliver to site a 10m <sup>3</sup> fortified PVC water storage tank mounted on and including steel rack platform minimum 1000mm above ground level and including all necessary fitting.	1	NO			
B	Supply and install an approved 1.5mm hose power water pump including automatic pressure switch.	1	NO			
C	Allow for testing and commissioning of the whole installation.		Item			
	<u>Steel Grillage &amp; Gate</u>					
D	Fabricate and install steel gate in RHS tubes to detail.	1	NO			
E	50x50mm,12.5 SHS and RHS mild steel sections ( as per attached corporate grill design) set in 300x300x450mm deep concrete bases.	165	LM			
F	Prepare and apply one coat of approved quality primer and two finishing coats of gloss paint on metallic surfaces 200-300mm girth	165	LM			
	 25/8/2014					
Total of Bill Carried Forward to Summary						

BILL OF QUANTITIES

**SUMMARY OF BILLS OF QUANTITIES**

Item No.	DESCRIPTION	AMOUNT	
		SHS.	CT.
1	BILL PAGE 1		
2	BILL PAGE 2		
3	BILL PAGE 3		
4	BILL PAGE 4		
5	BILL PAGE 5		
	 25/8/2014		
	Sub-total 1		
	Add 16% of Sub-total 1 for Value Added Tax		
	<b>LESS VAT ON ZERO-RATED PLANTS</b>	(            )	
	<b>Grand Total Carried Forward to Form of Bid</b>		