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				Items for Pavement Works, M'Skala	
				Arch. In Charge: Aaron Abela A.&C.E.	
				Ref: Attached Drawing No.	

		Asfaltar Const. Ltd.	Elle's Urban Services Ltd.	Catbros Ltd.	Karmig Trading Ltd.	Polidano Bros. Ltd.
<i>Item</i>	<i>Description</i>	<i>Units</i>	<i>Rate</i>	<i>Rate</i>	<i>Rate</i>	<i>Rate</i>

Preamble

The rates quoted shall include all items required to complete the entire job. No extra payments will be accepted.

All tasks shall be started and continued until completion without delays. All works shall be completed within the timeframes stipulated.

No open works shall be left open overnight unless there is prior approval by the Local Council under special circumstances.

All rates are to include carting away of all excess materials to an approved dumping site, and related dumping charges.

Rates quoted shall also include for all traffic management (including warden costs) and safety measures required.

No other mobilisation charges will be accepted.

Any deviations from the above conditions will make the contractor liable to penalties and actions stipulated in this tender document

1 Site Clearance							
1.01	Oversite excavation in loose material up to the required levels. Rate is to include carting away from site of any unused material to an approved dumping site and all required dumping charges.	cu.m	25.00	20.00	18.60	15.50	20.00
1.02	Oversite excavation in rock to the required levels. Rate is to include carting away from site of any unused material to an approved dumping site and all required dumping charges.	cu.m	25.00	20.00	28.90	17.50	20.00

1.03	Excavate shallow trench in any type of ground along line of kerb, approx. 175mm below the tarmac level and 200mm wide. Rate is to include carting away from site of unused material and all required dumping charges.	l.m.	2.00	5.50	2.50	7.50	1.80
1.04	Taking up of agricultural soil and put aside for re use.	cu.m	10.00	11.50	10.50	7.50	4.66
1.05	Taking up of existing concrete kerbs, load and cart away resulting debris to approved dumping site. Rate shall include dumping charges.	l.m.	2.50	4.60	2.90	4.80	2.80
1.06	Taking up of existing concrete pavement, load and cart away resulting debris to approved dumping site. Rate shall include dumping charges.	sq.m.	5.00	4.50	3.95	5.00	4.19
1.07	Trimming back existing surface to a vertical face with rotary saw.	l.m.	5.00	3.00	2.90	2.75	3.00
1.08	Demolish single leaf masonry wall 225mm thick. Rate is to include carting away from site of any unused material to an approved dumping site and all required dumping charges.	sq.m.	10.00	8.00	9.50	6.50	6.26
1.09	Demolish masonry wall 460mm thick. Rate is to include carting away from site of any unused material to an approved dumping site and all required dumping charges.	sq.m.	15.00	13.00	18.00	6.75	12.52

2 Footpath Works

2.01	Supply and lay 255mm high precast concrete kerbs 1000mm long, laid to curves not exceeding 12m radius. Rate is to include for the provision and laying of unreinforced concrete Grade C15 as bedding and backing to concrete kerb.	l.m.	12.00	16.00	10.50	11.75	12.00
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2.02	Supply and lay 255mm high precast concrete kerbs 1000mm long, laid straight or curves exceeding 12m radius. Rate is to include for the provision and laying of unreinforced concrete Grade C15 as bedding and backing to concrete kerb.	l.m.	12.00	14.00	10.50	11.75	12.00
2.03	Supply and lay 100mm thick insitu concrete, C20 mix in footway. Rate is to include for laying and compaction of granular Type 1 sub-base beneath concrete, the formation of joints at 5m centres and brush finish surface.	sq.m	10.00	10.50	10.90	10.75	9.35
2.04	Supply and lay C20 concrete crete print 100mm thick as per specifications. Rate includes the application of colour hardener, release agent, expansion joints, resin sealer and power-washing the treated imprinted surface.	sq.m.	35.00	40.00	39.00	26.75	31.80
2.05	Supply and lay C25 concrete crete print 100mm thick as per specifications. Rate includes the application of colour hardener, release agent, expansion joints, resin sealer and power-washing the treated imprinted surface.	sq.m.	38.00	42.00	45.00	30.50	33.00
2.06	Supply and lay concrete paving blocks 200x165x80mm in footpaths. Rate is to include for all the necessary sand bedding, sand grouting and compaction of the same material.	sq.m	25.00	40.00	24.50	32.00	23.30
2.07	Lay concrete paving block in footpaths. Rate is to include for all the necessary sand bedding, sand grouting and compaction of the same material.		25.00	26.00	24.50	8.50	17.50
2.08	Construction of insitu concrete gutter C25 beneath kerbs, 200mm wide by 100mm deep. Rate includes all required excavation and formwork.	l.m.	4.00	4.60	3.90	5.50	3.50
2.09	Supply and lay C25 plain concrete fill between new kerb and chased tarmac, inclusive of all cleaning, and hand trowel smooth. Approximate width and depth to be 100mm.	l.m.	5.00	3.50	3.90	5.50	3.50

2.10	Levelling of W.S.C. stop cock covers.	no.	10.00	12.00	10.50	15.00	8.00
2.11	Supply, deliver, lay and level new W.S.C stop cock covers, if requested by architect in charge.	no.	15.00	20.00	20.00	20.00	12.50
2.12	Modify existing inspection chambers by lowering or raising the RC slab.	no.	25.00	25.00	18.00	25.00	53.00

2.13	Supply, deliver and lay new RC slab if requested by architect in charge.	no.	35.00	9.50	12.90	30.00	35.00
2.14	Supply and lay 110mm dia light gauge PVC for rain water house discharge in footpaths.	l.m.	10.00	18.00	10.90	7.50	5.82
2.15	Supply, deliver and lay PVC Gutters for storm water overflow from residential units to edge of kerb, including covers and concrete surround.	l.m.	30.00	29.00	32.00	22.50	6.53
2.16	Supply, deliver and lay linear drainage Channel Type with galvanized steel grating for storm water overflow from residential units to edge of kerb, including concrete surround.	l.m.	90.00	54.00	60.00	26.50	200.00
2.17	Supply, deliver and lay PVC boxes 150mm x 150mm in pavements including C15 concrete surround.	no.	20.00	17.50	29.00	32.50	15.72

3 Miscellaneous Works

3.01	Supply and lay Grade C20 concrete coping. Rate is to include for all necessary formwork.	l.m.	30.00	8.75	35.00	12.50	8.66
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3.02	Provide, transport, lay and finish off as directed on site, reinforced concrete C20 strip foundation. Rate is to include for all necessary formwork. Reinforcement is to be measured seperately.	sq.m.	10.00	20.00	60.00	12.00	16.73
3.03	Supply, deposit and compact in layers Type 1 granular base course material.	cu.m	16.00	20.90	16.00	13.50	14.39
3.04	Supply, lay and finish off as directed on site reinforced concrete ground slab, C20 concrete 100 mm (4") thick. Reinforcement is to be measured seperately	sq.m	5.00	23.00	2.00	14.50	1.37
3.05	Supply and spread C25, 150mm thick suspended slab with 1xC503 Mesh.	sq.m	5.00	26.00	4.00	15.50	2.74
3.06	Extra over for additional 25mm (1") thickness of concrete C25 to suspended slab.	cu.m	16.00	19.80	18.95	15.15	17.50
3.07	Supply and spread concrete mix C.25 to upstand or downstand beams and columns. Rate is to include for all the necessary formwork. All reinforcement measured seperately.	sq.m	10.00	10.50	7.90	14.50	12.59
3.08	Supply and spread C.25, 150mm thick suspended slab with 1xC503 mesh.	sq.m	33.00	16.00	12.80	18.75	27.50
3.09	Supply and spread concrete mix C.25 to upstand or downstand beams and columns. Rate is to include for all the necessary formwork. All reinforcement measured seperately.	sq.m	4.50	4.65	2.30	19.50	2.80
3.10	Supply and spread concrete mix C.25 to upstand or downstand beams and columns. Rate is to include for all the necessary formwork. All reinforcement measured seperately.	cu.m	450.00	582.00	420.00	95.50	330.00
	Steel Reinforcement						

3.11	High yield steel reinforcement including bending, cutting, fixing						
	and lapping as per BS 8666 of the following dimensions:						
	(a) 25mm diameter bars;	kg.	1.00	2.00	1.60	0.85	1.18
	(b) 20mm diameter bars;	kg.	1.00	2.00	1.60	0.85	1.18
	(c) 16mm diameter bars;	kg.	1.00	2.00	1.60	0.85	1.18
	(d) 12mm diameter bars;	kg.	1.00	2.00	1.60	0.85	1.18
	(e) 10mm diameter bars;	kg.	1.00	2.00	1.60	0.85	1.18
	(f) A252 mesh fabric	sq.m	8.00	7.00	2.60	3.75	3.27
(g) A98 mesh fabric;	sq.m	3.00	3.50	2.40	2.75	1.69	
(h) C503 mesh fabric.	sq.m	6.00	7.00	2.90	3.50	3.53	