	SECTION 2				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION 1300				
13.00	**CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS**				
B13.01	Contractor's general obligations				
	(a) Fixed Obligations for Heavy Rehabilitation only for the following road categories : once off payment per order.				
	(i) Category A or B	%	200000.00		
	(ii) Category C or D	%	200000.00		
	(c) Time Related Obligations for the following road categories :				
	(i) Category A or B				
	(a) Light Rehabilitation	month	12.00		
	(b) Heavy Rehabilitation	month	12.00		
	(ii) Categories C or D				
	(a) Light Rehabilitation	month	12.00		
	(b) Heavy Rehabilitation	month	12.00		
B13.02	Health and Safety				
	(a) Fixed obligation for preparation of risk assessment, H&S, etc. (once of payment per contract, paid on the first project)	Sum	1.00		
	(b) Time related obligation for updating risk assessment, safe work procedures, etc.				
	(i) Light Rehabilitation	Month	12.00		
	(ii) Heavy Rehabilitation	Month	12.00		
B13.03	(a) Project sign boards	No.	1.00		
	(b) Reusing of existing signboards. Rate to include ammending the relevant text	No	1.00		
13/B12.02	Remuneration for Community Liaison Officer:				
	(a) Monthly payment	Prov.Sum	25000.00	44.00	
	(b) Handling costs and profit in respect of sub-item 13/B12.02	%			
13/B12.03	Testing/ivestigations of materials (DCP, TEST PITS, FWDs)				
	montly payment	Prov.Sum	35000.00	1200.00	
	handling cost	%			
	TOTAL CARRIED TO SUMMARY				
	SECTION 1500				
15.00	ACCOMODATION OF TRAFFIC				
B15.01	The provision of temporary traffic control facilities (except traffic lights and amber flicker lights for the supervisory staff) for the following road categories :				
	(a) Light Rehabilitation or Heavy Rehabilitation				
	(1) Category A : Major Arterials or Freeways	month	12.00		
	(i) Extra-over for Night Work	month	12.00		
	(2) Category B : Urban Arterials, Major Bus Routes, CBD and Industrial Roads	month	12.00		
	(i) Extra-over for Night Work	month	12.00		
	(3) Category C : Minor Bus Routes and Collectors	month	12.00		
	(4) Category D : Residential Streets	month	12.00		
	TOTAL CARRIED TO SUMMARY				
	SECTION 1700				
17.00	CLEARING AND GRUBBING				
	Road edge definition and cleaning				
	(i) Light cleaning	m^2	10.00		
	(ii) Heavy cleaning	m^2	10.00		
	TOTAL CARRIED TO SUMMARY				

	SECTION 2				
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION 2100				
21.00	DRAINS				
21.02	Clearing and shaping existing open drains	m^3	10.00		
21.03	Excavation for subsoil drainage systems:				
	(a) Excavating soft material situated within the following depth ranges below the surface level:				
	(i) 0 m up to 1,5 m	m^3	10.00		
	(b) Extra over subitem 21.03(a) for excavation in hard material irrespective of depth	m^3	10.00		
21.04	Impermeable backfilling to subsoil drainage systems	m^3	10.00		
21.06	Natural permeable material in subsoil drainage systems (crushed stone):				
	(b) Crushed stone obtained from commercial sources				
	(I) Coarse-Grade	m^3	10.00		
21.07	Natural permeable material in subsoil drainage systems :				
	(b) Sand from commercial sources				
	(i) Coarse Grade	m^3	10.00		
21.08	Pipes in subsoil drainage systems:				
	(b) Unplasticised PVC pipes and fittings, normal duty complete with couplings				
	(i) 100 mm internal dia. perforated or slotted	m	10.00		
	(ii) 100 mm internal dia. unperforated	m	10.00		
21.10	Synthetic-fibre filter fabric				
	(a) Grade A	m^2	100.00		
21.12	Concrete outlet structures, manhole boxes, junction boxes and cleaning eyes for subsoil drainage systems :				
	(a) Outlet structures	No	2.00		
	(d) Cleaning eyes	No	2.00		
21.13	Concrete caps for subsoil drain pipes	No	2.00		
21.14	Repairing or replacing existing drainage systems	Prov Sum	10000.00		
21.15	Overhaul for material hauled in excess of 15,0 km free-haul (normal overhaul)	m^3.km	56000.00		
21.17	Test flushing of pipe subsoil drains	No	2.00		
	TOTAL CARRIED TO SUMMARY				

	SECTION 2				
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION 2200				
22.00	PREFABRICATED CULVERTS				
22.01	Excavation				
	(a) Excavating soft material situated within the following depth ranges below the surface level:				
	(i) 0 m up to 1.5 m	m^3	10.00		
	(b) Extra over subitem 22.01(a) for excavation in hard material, irrespective of depth	m^3	10.00		
22.02	Backfilling:				
	(a) Using the excavated material	m^3	10.00		
	(b) Using imported selected material	m^3	10.00		
	(c) Extra over subitems 22.02(a) and (b) for soil cement backfilling				
	(i) with 3% cement	m^3	25.00		
	(ii) with 5% Cement	m^3	25.00		
B22.03	Concrete pipe culverts (Class 75D)				
	(c) On class C bedding				
	(i) 450mm diameter	m	5.00		
	(ii) 600mm diameter	m	5.00		
	(iii) 900mm diameter	m	5.00		
	(iv) 1200mm dameter	m	5.00		
	(d) On sand bedding				
	(i) 450mm diameter	m	5.00		
	(ii) 600mm diameter	m	5.00		
	(iii) 900mm diameter	m	5.00		
	(iv) 1200mm dameter	m	5.00		
	(e) On 19 mm crushed stone bedding				
	(i) 450mm diameter	m	5.00		
	(ii) 600mm diameter	m	5.00		
	(iii) 900mm diameter	m	5.00		
	(iv) 1200mm dameter	m	5.00		
22.07	Cast in situ concrete and formwork				
	(a) In class A bedding, screeds and the encasing for pipes, including formwork with 12mm expansion joints formed at each pipe joint/collar and surface finishing				
	(i) Class 30/19	m^3	50.00		
	(b) In floor slabs for portal rectangular culverts, including formwork with 12mm expansion joints formed at each pipe joint/collar and surface finishing				
	(i) Class 30/19	m^3	180.00		
	(c) In inlet and outlet structures, skewed ends, catchpits, manholes, thrust and anchor blocks, including formwork and surface finish				
	(i) Class 30/19	m^3	180.00		
22.10	Steel reinforcement				
	(a) Mild steel bars	t	600.00		
	(b) High-tensile steel bars	t	600.00		
	(c) Welded steel fabric	kg	10.00		
22.12	Removing existing concrete				
	(a) Plain concrete	m^3	1800.00		
	(b) Reinforced concrete	m^3	1800.00		
22.14	Removing and stacking existing prefabricated culverts (type and size indicated)	m	150.00		
22.18	Brickwork				
	(a) 115 mm thick	m^2	10.00		
	(b) 230 mm thick	m^2	10.00		
	(c) 345 mm thick	m^2	10.00		
22.19	Plaster	m^2	10.00		
22.20	Benching	m^2	10.00		
22.21	Accessories				
	(a) Concrete Manhole cover including frame				
	(i) Light Duty left/right hand splay	No	2.00		
	(ii) Heavy Duty left/right hand splay	No	2.00		
	(iii) Light Duty Inlet Slab including cover	No	2.00		
	(v)Heavy Duty Inlet Slab including cover	No	2.00		
	(vi) Light Duty Support Beam	No	2.00		
	(vii) Heavy Duty Support Beam	No	2.00		
22.23	Service ducts:				
	(a) Ordinary pipes				
	(iii) Unplasticised PVC pipes				
	(1) 110mm dia.	m	2.00		
	(2) 150 mm dia.	m	2.00		
22.24	Duct marker blocks incl. 230mm head wall				
	(a) Concrete marker incl. 230mm head wall	No	2.00		
22.25	Overhaul for material hauled in excess of 15,0 km free-haul (normal overhaul)	$m^3.km$	5600.00		
22.26	Hand excavation to determine the positions of existing services	m^3	20.00		
B22.30	Repairs to drainage structures	Prov Sum	10000.00		
B22.31	Raising or lowering of the following services' structures:				
	(a) Existing manhole with concrete cover and frame in paved areas: (0 mm to 50 mm)	No.	5.00		
	(ii) Extra over item B22.31(a) for manhole fitted with concrete cover (50mm to 130 mm)	No.	5.00		
	(b) Existing manhole with cast-iron cover and frame in paved areas: (0 mm to 50 mm)	No.	5.00		
	(i) Extra over item B22.31(b) for supply of new heavy duty cast iron covers and frames	No.	5.00		
	(ii) Extra over item B22.31(b) for manhole fitted with cast-iron cover (50 mm to 130 mm)	No.	5.00		
	(c) Existing chamber with cast-iron water valve cover in paved areas (0 mm to 50 mm)	No.	5.00		
	(i) Extra over item B22.31(c) for cast-iron water valve cover: (50 mm to 130 mm)	No.	5.00		
	(d) Existing cast-iron T.S.M. cover in paved areas: (0 mm to 50 mm)	No.	5.00		
	(i) Extra over item B22.31(d) for cast-iron water valve cover: (50 mm to 130 mm)	No.	5.00		
	(e) Existing stormwater Type 1 inlets (depths between 0 mm to 130 mm)	No.	5.00		
	(f) Existing stormwater Type 2 inlets (depth between 0 mm to 130 mm)	No.	5.00		
	(g) Existing stormwater Type 3 inlets (depths between 0 mm to 130 mm)	No.	5.00		
	(h) Existing stormwater Type 1 inlets (depths between 0 mm to 250 mm)	No.	5.00		
	(j) Existing stormwater Type 2 inlets (depths between 0 mm to 250 mm)	No.	5.00		
	(k) Existing stormwater Type 3 inlets (depths between 0 mm to 250 mm)	No.	5.00		
	(l) Existing stormwater Type 1 inlets (depths between 0 mm to 500 mm)	No.	5.00		
	(m) Existing stormwater Type 2 inlets (depths between 0 mm to 500 mm)	No.	5.00		
	(n) Existing stormwater Type 3 inlets (depths between 0 mm to 500 mm)	No.	5.00		
	TOTAL CARRIED TO SUMMARY				

	SECTION 2				
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION 2300				
23.00	CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND DOWNPIPES, AND CONCRETE				
23.01	Concrete kerbing				
	(a) Precast kerbing to SABS 927				
	(iv) Figure 4 kerb	m	10.00		
	(vi) Figure 6 kerb	m	10.00		
	(v) figure 12 kerb	m	10.00		
	(b) Extra-over item 23.01 (a) for :				
	(i) Radius of 1 m to 4 m	m	10.00		
	(ii) Radius of 4 m to 20 m	m	10.00		
23.02	Concrete kerbing-channelling combination				
	(a) Precast kerb to SABS 927 and cast in situ channel 300 mm concrete class 20/13)				
	(iv) Figure 4 kerb	m	10.00		
	(vi) Figure 6 kerb	m	10.00		
23.05	Inlet, outlet, transition and similar structures (typical designs):	No	15.00		
23.06	Inlet, outlet, transition and similar structures (measured by components)				
	(a) Concrete class 20/13 including finishing.	m^3	20.00		
23.08	Concrete lining for open drains				
	(a) Cast in situ concrete lining class 20/13 for:				
	(i) Open Drains including finishing	m^3	20.00		
	(ii) Other concrete work (Pedestrian, vehicular scoops, bullnosing,driveways etc.) including	m^3	20.00		
23.10	Sealed joints in concrete linings				
	(c) Polysulphide-based sealant	m	10.00		
23.13	Polyethylene sheeting (0,15 mm thick)	m^2	20.00		
B23.17	Repairs to damaged kerbs	Prov Sum	1000.00		
B23.18	Break-out and remove the following roadway elements and cart to spoil :				
	(a) Kerbs	m	10.00		
	(b) Kerb and channel	m	10.00		
	(c) Medians	m^2	20.00		
	(d) Sidewalks	m^2	20.00		
	(e) Driveways	m^2	20.00		
	(f) Extra-over item B23.18 (a), (b), (c), (d) and (e) for selection of concrete suitable for recycling and stockpile as directed	m^3	10.00		
	(g) Extra-over item B23.18 (a) and (b) for selection of Kerbs suitable for re-use and stockpile as directed	m	10.00		
23.14	Saw Cutting Bituminous surfacing and pavement layers for concrete lined drains	m	10.00		
	TOTAL CARRIED TO SUMMARY				
	SECTION 2400				
24.00	ASPHALT AND CONCRETE BERMS				
B24.01	Asphalt berms				
	(c) Placed where specified by the Engineer				
	(i) SS10 hot mix asphalt	m	10.00		
24.03	Prime and tack coats				
	(b) Tack coat (Grade 60 anionic bitumen emulsion)	m^2	10.00		
B24.05	Removal of asphalt haunch to spoil/stockpile	m	10.00		
	TOTAL CARRIED TO SUMMARY				
	SECTION 3300				
33.00	**MASS EARTHWORKS**				
33.01	Cut and borrow to fill, including free-haul up to 0,5 km (backfill to undercut)				
	(a) Gravel material in compacted layer thickness of 200 mm and less:				
	(i) Compacted to 90% of modified AASHTO density	m^3	5.00		
	(ii) Compacted to 93% of modified AASHTO density	m^3	5.00		
	(e) Pioneer layer	m^3	5.00		
	Cut and borrow to fill, including free-haul up to 0,5 km (backfill to undercut)				
	(a) Gravel material in compacted layer thickness of 200 mm and less:				
	(i) Compacted to 90% of modified AASHTO density	m^3	5.00		
	(ii) Compacted to 93% of modified AASHTO density	m^3	5.00		
	(e) Pioneer layer	m^3	5.00		
33.04	Cut to spoil, including free-haul up to 0,5 km. Material obtained from:				
	(b) Intermediate excavation	m^3	5.00		
	(c) Hard excavation	m^3	5.00		
33.07	Removal of unsuitable material (including free-haul of 5 km):				
	(a) In layer thicknesses of 200 mm and less:				
	(i) Stable material	m^3	5.00		
	(ii) Unstable material	m^3	5.00		
B33.20	Fill constructed with material obtained from commercial sources or sources provided				
	(a) Gravel material in compacted layer thicknesses of 200 mm and less:				
	(i) Compacted to 90% of modified AASHTO density	m^3	5.00		
	(ii) Compacted to 93% of modified AASHTO density	m^3	5.00		
	(iii) Eight-roller-passes compaction	m^3	5.00		
	(b) Rock fill	m^3	5.00		
	(c) Rock protection at the toes of fills	m^3	5.00		
	(d) Pioneer layer				
B33.21	Fill constructed with material from temporary (not designated) stockpiles or directly				
	(a) Gravel material in compacted layer thicknesses of 200 mm and less:				
	(i) Compacted to 90% of modified AASHTO density	m^3	5.00		
	(ii) Compacted to 93% of modified AASHTO density	m^3	5.00		
	(iii) Eight-roller-passes compaction	m^3	5.00		
B33.22	Fill constructed with gravel hauled from designated borrow pits or from designated				
	(a) Gravel material in compacted layer thicknesses of 200 mm and less:				
	(i) Compacted to 90% of modified AASHTO density	m^3	5.00		
	(ii) Compacted to 93% of modified AASHTO density	m^3	5.00		
	(iii) Eight-roller-passes compaction	m^3	5.00		
33/16.02	Overhaul on material hauled in excess of 5,0 km (ordinary overhaul)	m^3-km	1,000.00		
33/32.06	Stockpiling of material	m^3	1,000.00		

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION 2				
	TOTAL CARRIED TO SUMMARY				
	SECTION 3400				
34.00	PAVEMENT LAYERS OF GRANULAR MATERIAL				
B34.01	Pavement layers constructed from granular material taken from commercial sources (rate includes hauling of materials)				
	(a) supply and lay Gravel selected layer compacted to:				
	(ii) 95% of modified AASHTO density				
	(1) Lower selected layer (G9) 150mm thick	m^3	200		
	(2) Upper selected layer (G7) 150mm thick	m^3	200		
	© supply and lay Gravel subbase (unstabilized gravel) compacted to:				
	(ii) 97% of modified AASHTO density				
	(1) G5 150mm thick	m^3	200		
	(2) G4 150mm thick	m^3	200		
	(3) G5 200mm thick	m^3	200		
	(4) G5 300mm thick	m^3	200		
	(5) G4 200mm thick	m^3	200		
	(6) G4 300mm thick	m^3	200		
34.10	Compacting the floors of pavement excavations (>5 roller passes) with:				
	(a) Vibratory rollers	m^2	20000		
	TOTAL CARRIED TO SUMMARY (Page 2)				
	SECTION 3600				
36.00	CRUSHED STONE BASE				
36.01	Crushed-stone base				
	(c) Constructed from type G2 material obtained from commercial sources and compacted to 85% of bulk relative density				
	(i) 37,5 mm nominal maximum size stone	m^3	200.00		
B36.01	(g) Crushed dump rock subbase (-150 mm maximum size stone) obtained from commercial sources and constructed to a thickness as directed by the Engineer	m^3	200.00		
	TOTAL CARRIED TO SUMMARY (Page 2)				
	SECTION 3900				
39.00	**PATCHING AND REPAIRING EDGE BREAKS**				
39.01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt				
	(i) Not exceeding 50 mm	m^2	100.00		
	(ii) Exceeding 50 mm but not exceeding 100 mm	m^2	100.00		
	(iii) Exceeding 100 mm	m^2	100.00		
	TOTAL CARRIED TO SUMMARY				
	SECTION 5100				
51.00	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
51.04	Concrete pitching and block paving				
	(b) Segmental block paving				
	(i) 100 mm thick interlocking	m^2	50.00		
	(ii) 100 mm thick rectangular	m^2	50.00		
	(d) Prefabricated concrete paving blocks for sidewalk pavement				
	(i) 60 mm thick	m^2	50.00		
	(ii) 80 mm thick	m^2	50.00		
	(iii) 100 mm thick	m^2	50.00		
51.06	Provision of vegetation destroyer and ant poison:				
	(a) Provision of materials	PC Sum	1,000.00	1.00	
	(b) Contractor's charges and profit added to the prime cost sum	%			
	TOTAL CARRIED TO SUMMARY				
	SECTION 5200				
52.00	**GABIONS**				
52.01	Foundation trench excavation and backfilling:				
	(a) In solid rock (material which requires blasting)				
	(b) In all other classes of materials				
52.02	Surface preparation for bedding the gabions				
52.03	Gabions:				
	(a) Galvanized gabion boxes				
	(i) 1,0 m wide by 0,3 m deep				
	(1) by 1,0 m long mesh 100 x 120	No	1.00		
	(2) by 2,0 m long mesh 100 x 120	No	1.00		
	(3) by 3,0 m long mesh 100 x 120	No	1.00		
	(4) by 4,0 m long mesh 100 x 120	No	1.00		
	(ii) 1,0 m wide by 0,5 m deep				
	(1) by 1,0 m long mesh 100 x 120	No	1.00		
	(2) by 2,0 m long mesh 100 x 120	No	1.00		
	(3) by 3,0 m long mesh 100 x 120	No	1.00		
	(4) by 4,0 m long mesh 100 x 120	No	1.00		
	(iii) 1,0 m wide by 1,0 m wide				
	(1) by 1,0 m long mesh 100 x 120	No	1.00		
	(2) by 2,0 m long mesh 100 x 120	No	1.00		
	(3) by 3,0 m long mesh 100 x 120	No	1.00		
	(4) by 4,0 m long mesh 100 x 120	No	1.00		
	(b) PVC-coated gabion boxes (dimensions of box, nominal diameter of mesh wire and				
	(c) Galvanized gabion mattresses				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION 2				
	(i) 1,0 m diaphragm spacing, 6,0 m long by 2,0 m wide				
	(1) by 0,2 m deep mesh 100 x 120	No	1.00		
	(2) by 0,3 m deep mesh 100 x 120	No	1.00		
	(3) by 0,5 m deep mesh 100 x 120	No	1.00		
	(ii) 0,6 m diaphragm spacing, 6,0 m long by 2,0 m wide				
	(1) by 0,2 m deep mesh 100 x 120	No	1.00		
	(2) by 0,3 m deep mesh 100 x 120	No	1.00		
	(3) by 0,5 m deep mesh 100 x 120	No	1.00		
	(d) PVC-coated gabion mattresses (dimensions of mattress, mesh size, nominal				
52.04	Filter fabric				
	(a) Grade A	m²	1.00		
	(b) Grade B	m²	1.00		
	(c) Grade C	m²	1.00		
	(d) Grade D	m²	1.00		
	(e) Grade E	m²	1.00		
	Section Total to Summary				
	PART SA				
	ROAD ASPHALT				
1.00	Supply and Lay Asphalt				
	(C) BY HAND				
	(i) Sa-S10	t	10.00		
4.00	Tack Coat				
	Spray surface using 60% anionic stable grade emulsion @ 0,3 l/m^2	m^2	10.00		
	Variation in application of emulsion	litre	2.00		
5.00	Testing				
	Density testing of Asphalt using Nuclear Gauge	No.	5.00		
	Coring for Density Testing				
	(i) 0-50mm	No.	5.00		
	(ii) 0-100mm	No.	5.00		
	Extra over item (ii) per 10mm of additional cored	mm	1.00		
6.00	Patching of Existing Surface				
SA.3.1	Patching (Surface Repairs - Asphalt Wearing Course)				
	(i) Deep patching with asphalt (0 mm to 160 mm)	m^2	50.00		
	(ii) Deep patching with asphalt (0 mm to 100 mm)	m^2	50.00		
	(iii) Shallow patching (0 mm to 75 mm deep)	m^2	50.00		
	(iv) Shallow patching (0 mm to 50 mm deep)	m^2	50.00		
	Extra-over item SA3.1(a) for patches greater than 100 mm deep.	t	20.00		
7.00	Patching (Structural Repairs - Various Road Catergories)				
	(i) Category B(150mm G2 and 100mm hot mix asphalt 10mm maximum grading "AC10"	m^2	20.00		
	(ii) Category C (150mm G2 and 60mm hot mix asphalt 10mm maximum grading "AC10"	m^2	20.00		
	(iii) Category D (150mm G2 and 50mm hot mix asphalt 10mm maximum grading "AC10"	m^2	20.00		
8.00	Repairs or reconstruction of existing Sidewalks or Vehicular Access Scoops	m^2	10.00		
9.00	Application of Weedkiller	m^2	10.00		
10.00	Establishment of paving equipment	No.	1.00		
11.00	Removal and Reinstatement of Traffic Calming Devices (Speed humps)	m	2.00		
12.00	Reinforced of Asphalt using Geotextiles				
	Supply and deliver:				
	(a) Glass Fibre Reinforced Fabric (Glassgrid as per Kaytec Spec or similar and approved)				
	(i) Grade 185 g/m^2	Roll	1.00		
	(ii) Grade 370 g/m^2	Roll	1.00		
	(iii) Grade 560 g/m^2	Roll	1.00		
	(b) Glass Fibre Woven Fabric (Selagrid as per Kaytec Spec or similar and approved) as per the manufacturer's specifications	Roll	1.00		
	Installation of Glass Fibre Reinforced Fabric and Glass Fibre Woven Fabric (Glassgrid as per				
	a) Areas up to 500 m^2	m^2	20.00		
	b) Areas greater than 500 m^2 up to 1 000 m^2	m^2	20.00		
	c) Areas greater than 1 000m^2	m^2	20.00		
	TOTAL CARRIED TO SUMMARY				
	PART RE				
	REINSTATEMENT				
RE 1	1.reinstating at the following depth: rate include supplying and laying of material (G2 material and Hot mix asphalt at a thickness of 50mm), labour, resources, excavation, saw cutting, spoiling of material, compacting pavement floors etc.				
	(i) Category B(>1000mm G2 and 50mm hot mix asphalt 10mm maximum grading "AC10"	m2	20.00		
	(i) Category B(251mm-1000mm G2 and 100mm hot mix asphalt 10mm maximum grading "AC10"	m2	20.00		
	(ii) Category C (250-500mm G2 and 50mm hot mix asphalt 10mm maximum grading "AC10"	m2	20.00		
	(iii) Category D (0-249mm G2 and 50mm hot mix asphalt 10mm maximum grading "AC10"	m2	20.00		

	SECTION 2				
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	TOTAL CARRIED TO SUMMARY				
	SECTION 7100				
B71.02	**CONCRETE PAVEMENT**				
B71.02	supply and laying concrete pavement as follow:rate includes supply of concrete, process control testing, expansion joints, construction joints, formwork, all types of finishing, teturing and curing cocrete pavement etc				
	(i) supply and lay 25Mpa Concrete pavement	m^3	100		
	(ii)supply and lay30Mpa Concrete pavement	m^3	45		
	(iii)supply and lay 40Mpa Concrete pavement	m^3	45		
	(a) Mild steel bars	t	1300.00		
	(b) High-tensile steel bars	t	1300.00		
	(c) Welded steel fabric	kg	25.00		

	SECTION 2				
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	TOTAL CARRIED TO SUMMARY				
	DAYWORKS				
	Section C100				
C10.01	Personnel during normal working hours:				
	(a) Unskilled labour	hr	10.00		
	(b) Semi-skilled labour	hr	10.00		
	(c) Skilled labour	hr	10.00		
	(e) Flag-person	hr	10.00		
C10.03	Plant: (Working)				
	(a) Tipper trucks:				
	(i) 6 m³ capacity	hr	10.00		
	(ii) 10 m³ capacity	hr	10.00		
	(b) TLB	hr	10.00		
	(c) Front end loader				
	(d) Grader CAT (Cat 140G or similar)	hr	10.00		
	(e) Water truck (7 000 litre)	hr	10.00		
	(f) Vibratory roller (Bomag 212 or similar)	hr	10.00		
	(g) Pneumatic tyred roller (14 t)	hr	10.00		
	(h) Milling machine (2,0 m)	hr	10.00		
	(i) Recycling machine (2,0 m)	hr	10.00		
	(j) Screening Plant	hr	10.00		
	(k) Skidstear loader	hr	10.00		
	(l) 1 tonne Pick-up truck, single-cab withour canopy (Bakkie)	hr	10.00		
	(m) 2 tonne Pick-up truck, single-cab withour canopy (Bakkie)	hr	10.00		
C10.04	Materials:				
	(a) Procurement of materials				
	(b) Contractor's handling costs, profit and all other charges in respect of item B18.04(a)	Prov.Sum	15,000.00	1.00	
	(b) Contractor's handling costs, profit and all other charges in respect of item B18.04(a)	%			
	Materials				
C10.04	(a) Procurement of materials BSM:	sum	10000.00	1.00	
	Materials				
C10.04	(a) Procurement of materials	sum	10000.00	1.00	