

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 1: GENERAL				
C1.2	GENERAL REQUIREMENTS AND PROVISIONS				
C1.2.2	Programming and Reporting				
C1.2.2.1	Submission of a Scheme 1 Programme	Lump sum	1.0		
C1.2.2.2	Reviewing and updating a Scheme 1 Programme	month	10.0		
C1.2.2.6	Preparation and submission of all information and reports specified in the Contract Documentation	month	10.0		
C1.2.4	Stakeholder liaison				
C1.2.4.1	Community Liaison Officer Salary	month	10.0	5,000.00	50,000.00
C1.2.4.2	Project Steering Committee Allowance	month	10.0	2,500.00	25,000.00
C1.2.4.3	Cost of Liason, Social Facilitation, CLO & PSC Support	month	10.0		
C1.2.5	Health and Safety				
C1.2.5.1	Health and safety plan	Lump sum	1.0		
C1.2.5.2	Implementation of health and safety plan	month	10.0		
C1.2.8	Dayworks				
C1.2.8.1	Personnel				
(a)	Unskilled labourer	h			Rate Only
(b)	Semi-skilled labourer	h			Rate Only
(c)	Skilled labourer	h			Rate Only
(d)	Gang leader	h			Rate Only
(e)	Foreman	h			Rate Only
(f)	Flagman	h			Rate Only
C1.2.8.2	Construction equipment				
	(a) Motor grader (CAT 140G or similar)	h			Rate Only
	(d) Front end loader(0,5 m3) bucket	h			Rate Only
	(e) Tractor loader backhoe	h			Rate Only
Total Carried Forward					75,000.00

Item	Description	Unit	Quantity	Rate	Amount (Rand)
Brought Forward					
	(f) Excavator				
	(i) Excavator (2-6 ton pneumatic tyres)	h			Rate Only
	(ii) Excavator (18-22 ton tracked)	h			Rate Only
	(g) Compressor (air) including hoses and tools (190 cfm)	h			Rate Only
	(h) Compactor (Bomag BW 90 or similar)	h			Rate Only
	(i) Water truck (16 000 l)	h			Rate Only
	(j) Mechanical broom	h			Rate Only
	(k) Tractor-trailer combination (43 kW, 3 ton min.)	h			Rate Only
	(l) Suitable truck/bus for transporting labourers (30 ton capacity)	h			Rate Only
	(m) Safety vehicle for pre-marking purposes	h			Rate Only
	(n) Dewatering pump including generators and accessories (50 mm 30 m head 560 l/min flow)	h			Rate Only
	(o) Mobile electric welding sets and accessories (180 amp 4.2 kw)	h			Rate Only
	(p) Cutting torch with mobile electric & oxy acetylene installation	h			Rate Only
	(q) Mobile concrete mixers (400 l drum size)	h			Rate Only
	(r) Flat bed truck (4 ton)	h			Rate Only
	(s) Tipper Trucks				
	(i) 3 to 5 ton capacity	h			Rate Only
	(ii) More than 5 ton capacity	h			Rate Only
C1.2.8.4	Materials				
	(a) Procurement of materials	Prov sum	0.0		Rate Only
	(b) Contractor's handling costs, profit and all other charges in respect of item C1.2.8.4(a)	%	Rate Only		Rate Only
C1.2.8.3	Vehicles				
(a)	Light delivery vehicle	km	0.0		Rate Only
(b)	Flatbed truck (4 ton)	km	0.0		Rate Only
Total Carried Forward					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
Brought Forward					
C1.3	CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS				
C1.3.1	The Contractor's general obligations				
C1.3.1.1	Fixed obligations	Lump sum	1.0		
C1.3.1.2	Value-related obligations	Lump sum	1.0		
C1.3.1.3	Time-related obligations	month	10.0		
C1.3.2	Contract sign boards	m ²	24.0		
C1.4	FACILITIES FOR THE ENGINEER				
C1.4.1.1	Offices and conference room	m ²	40.0		
C1.4.1.6	Car ports	No	2.0		
C1.4.1.7	Ablution unit	No	1.0		
C1.4.1.13	Rented housing paid for by the Contractor	PC sum	1.0	60,000.00	60,000.00
C1.4.1.14	Contractor's handling costs, profit and all other charges in respect of item C1.4.1.13	%	60,000.00		
C1.4.2	Items measured by area				
C1.4.2.6	Roller blinds, opaque type	m ²	4.0		
C1.4.2.8	Notice boards	m ²	1.1		
C1.4.3	Items measured by number				
C1.4.3.1	Office swivel chair	No	2.0		
C1.4.3.2	Office chair	No	4.0		
C1.4.3.5	Office desk with 3 drawers (at least one lockable drawer)	No	2.0		
C1.4.3.8	Conference table	No	1.0		
C1.4.3.10	Filing cabinet	No	1.0		
C1.4.3.11	General purpose steel cabinet with shelves	No	2.0		
C1.4.3.13	220/250 volt power outlet plug point	No	2.0		
C1.4.3.15	Single 1 500 m, 58 watt fluorescent tube ceiling light	No	2.0		
C1.4.3.23	Fire extinguisher 9,0 kg, dry powder type	No	2.0		
C1.4.3.24	Air-conditioning unit 12000 BTU	No	1.0		
C1.4.3.26	Concrete specimen curing bath	No	1.0		
C1.4.3.27	Waste paper basket	No	1.0		
C1.4.3.29	A3 / A4 colour printer, copier, scanner and -inch (Intel Quad-Core I7-8265U, 32GB DDR4 RAM, 1TB PCIe M.2 SSD, 500GB HDD) Windows 10 Pro Laptop	No	1.0		
C1.4.3.31	Rain gauge	No	1.0		
C1.4.3.32	Minimum/maximum atmospheric temperature gauge	No	1.0		
C1.4.3.33	Digital thermometer	No	1.0		
C1.4.3.36	Measuring wheel	No	1.0		
C1.4.3.37	First aid kit	No	1.0		
Total Carried Forward					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
Brought Forward					
C1.4.4	Prime cost items				
C1.4.4.1	Cell phones costs, including pro-rata rentals, for calls made in connection with contract administration	PC sum	1.0	15,000.00	15,000.00
C1.4.4.2	Handling costs and profit in respect of item C1.4.4.1	%	15,000.00		
C1.4.4.5	The provision of internet connectivity and WiFi data for	PC sum	1.0	8,000.00	8,000.00
C1.4.4.6	Handling costs and profit in respect of item C1.4.4.5	%	8,000.00		
C1.4.4.7	The provision of paper and ink for a combination colour printer/copier/scanner	PC sum	1.0	10,000.00	10,000.00
C1.4.4.8	Handling costs and profit in respect of item C1.4.4.7	%	10,000.00		
C1.4.5	Services at site offices, laboratories and site accommodation				
C1.4.5.2	Running costs	month	10.0		
1.5	ACCOMMODATION OF TRAFFIC				
C1.5.2	Accommodation of vehicular traffic				
C1.5.2	Accommodation of vehicular traffic	month	10.0		
C 1.5.4	Construction of temporary deviations	km	4.5		
C1.5.5.11	Other road maintenance work ordered by the Engineer	PC sum	1.0	100,000.00	100,000.00
C1.5.5.12	Handling cost, profit and all other charges in respect of item C1.5.6.11	%	100,000.00		
C1.5.7	Temporary traffic control facilities				
C1.5.7.1	Delineators including mounting bases and ballast:				
	(a) Single sided, reversible left or right (DTG50J) (1000mm x 250mm)	No	50.0		
	(b) Double sided, reversible left or right (DTG50J) (1000mm x 250mm)	No	50.0		
C1.5.7.2	Traffic cones, minimum height 750 mm	No	25.0		
C1.5.7.2.1	(a) Barricades				
	(i) 1800mm x 300mm	No	10.0		
	(ii) 2400mm x 400mm	No	0.0		
C1.5.7.3	Flagmen	man-shift	250.0		
C1.5.7.5	Provision of illuminated traffic signs:				
	(c) Illuminated road sign – R & TR series				
	(i) 900mm	No	0.0		Rate Only
	(ii) 1200mm	No	0.0		Rate Only
	(d) Illuminated road sign – TW series				
	(i) 1200mm	No	0.0		Rate Only
	(ii) 1500mm	No	0.0		Rate Only
	(g) Portable STOP/GO signs: 750mm	No	0.0		Rate Only
	(h) Rectangular road signs:TGS-, TIN- and TW-series (excluding delineators and barricades)	No	0.0		Rate Only
Total Carried Forward					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
Brought Forward					
C1.5.7.6	Maintenance of illuminated traffic signs: (c) Illuminated road sign – R & TR series				
	(i) 900mm	month	0.0		Rate Only
	(ii) 1200mm	month	0.0		Rate Only
	(d) Illuminated road sign – TW series				
	(i) 1200mm	month	0.0		Rate Only
	(ii) 1500mm	month	0.0		Rate Only
	(g) Portable STOP/GO signs: 750mm	month	0.0		Rate Only
	(h) Rectangular road signs:TGS-, TIN- and TW-series (excluding delineators and barricades)	month	0.0		Rate Only
C1.5.11	Provision of safety equipment for visitors				
C1.5.11.1	Provision of reflective safety vests for visitors	No	5.0		
	Provision of reflective safety vests and safety boots for engineer (Engineer Standard vest & boots)	No	2.0		
C1.5.11.2	Provision of hard hats for visitors	No	5.0		
1.6	CLEARING AND GRUBBING				
C1.6.1	Clearing				
C1.6.1.1	Clearing with machines and some hand labour where necessary	ha	0.4		
C1.6.1.2	Clearing with hand labour only when labour enhanced work is specified	ha	0.0		
C1.6.2	Grubbing				
C1.6.2.1	Grubbing with machines and some hand labour where necessary	ha	0.4		
C1.6.2.2	Grubbing with hand labour when labour enhancement work is specified or it is not practical to use a machine	ha	0.0		
C1.6.7	Re-clearing of previously cleared areas	ha	0.0		
1.7	LOADING AND HAULING				
C1.7.1	Loading				
C1.7.1.1	Loading from stockpile using machines and some hand labour where necessary	m³	100.0		
C1.7.1.2	Loading from heaps or windrows using machines and/some hand labour where necessary	m³	40.0		
C1.7.1.3	Loading by hand only from stockpile or heaps when labour enhancement work is specified or it is not possible to use machines	m³	10.0		
C1.7.2	Hauling				
C1.7.2.2	Hauling material to spoil and off-loading it at a designated spoil or stockpile area:				
	(a) Cleared and grubbed material (organic matter and all other unsuitable or waste material)	m³-km	500.0		
	(b) Soil and gravel material	m³-km			Rate Only
	(c) Boulders, hard material and concrete	m³-km			Rate Only
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
C2.1	CHAPTER 2: SERVICES				
	GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES				
C2.1.1	Location, identification, protection and relocation of existing services				
C2.1.1.4	Permanent services relocation or protection work by the Contractor	Prov sum	1.0	1,000,000.00	1,000,000.00
C2.1.2.5	Using hand excavation to locate, expose and verify services	m³	500.0		
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 3: DRAINANGE				
C3.1.1	Excavation for open drains:				
C3.1.1.1	Excavating all material situated within the following depth ranges below the surface level using conventional methods:				
	(a) 0 m to 1,5 m	m ³	400.0		
	(b) Exceeding 1,5 m and up to 3,0 m	m ³	0.0		Rate Only
C3.1.1.2	Extra over sub-item C3.1.1.1 for excavation in hard and boulder material, irrespective of depth	m ³	0.0		Rate Only
C3.1.15	Repairing or replacing existing drainage systems	Prov sum	0.0		Rate Only
C3.1.18	Backfilling of drains with selected material compacted to 93 % of MDD prior to construction of concrete lining and/or stone pitched lining	m ³	40.0		
C3.2	CULVERTS				
C3.2.1	Excavation for culvert structures:				
C3.2.1.1	Excavating in all material situated within the following depth ranges below the surface level:				
(a)	0 m to 1,5 m	m ³	78.8		
(b)	Exceeding 1,5 m and up to 3,0 m	m ³	0		
C3.2.1.4	Extra over sub-item C3.2.1.1 for excavation in hard or boulder material, irrespective of depth	m ³	0		Rate Only
C3.2.2	Backfilling:				
C3.2.2.1	Using the excavated material	m ³	59.6		
C3.2.2.2	Using imported selected material:				
(a)	From commercial sources (G6 material)	m ³	20.0		
C3.2.3	Concrete pipe culverts:				
C3.2.3.2	On Class B bedding (75D and 750mm diameter)	m	0.0		Rate Only
C3.2.5	Rectangular culverts with prefabricated elements:				
C3.2.5.1	Prefabricated portal culverts; wall and roof combination (900 x 600mm)	m	100.0		
C3.2.7.0	Cast in situ concrete and formwork:				
C3.2.7.2	In complete in situ floor slabs for rectangular culverts, manholes and catchpits including formwork, joints and Class U2 surface finish (25/19) (installed at a standard depth of 1,0 m)	m ³	11.6		
C3.2.8	Concrete backfill or encasement for culverts (25/19)	m ³	4		
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
Brought Forward					0.00
C3.3.	CONCRETE KERBING AND CHANNELING, ASPHALT BERMS, CHUTES, DOWNPIPES, AS WELL AS CONCRETE, STONE PITCHED AND GABION LININGS FOR OPEN DRAINS				
C3.3.1	Concrete kerbing:				
C3.3.1.1	Prefabricated kerbing				
	(a) Figure 8c Kerb with bedding and jointing as per Drawing	m	9,000.0		
	(a) Figure 10 Kerb with bedding and jointing as per Drawing	m	105.0		
C3.3.2	Concrete kerbing-channeling combination:				
C3.3.8	Linings for open drains:				
C3.3.8.1	Cast in situ concrete lining (30/19 on trapezoidal drain)	m ³	600.0		
C3.3.9	F2 surface finish):				
C3.3.9.2	To sides with formwork on both internal and external faces (each face measured)	m ²	450		
C3.3.12.0	Reinforcement:				
C3.3.12.3	Welded steel fabric(ref 193)	kg	7		
C3.3.15	Energy dissipaters in outlet structures				
C3.3.15.1	Precast concrete blocks in outlet structures	No	30.0		
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
CHAPTER 4: EARTHWORKS AND PAVEMENT LAYERS: MATERIALS					
C4.1	BORROW MATERIALS				
C4.1.5	Excavating of materials in the borrow pits and quarries, material obtained from				
C4.1.5.1	Soft excavation	m ³	7290		
C4.1.5.2	Boulder excavation class A	m ³	0		Rate Only
C4.1.5.3	Boulder excavation class B	m ³	0.0		Rate Only
C4.1.5.4	Hard excavation (other than by blasting)	m ³	17010		
C4.1.5.5	Hard excavation (by blasting)	m ³	0.0		Rate Only
C4.2.7	Removal of unsuitable stable cut material to spoil				
C4.2.7.1	In layer thicknesses of 200 mm and less	m ³	6,300.0		
C4.2.8	Excavate material to spoil in sites designated by the Employer, material obtained from				
C4.2.8.1	Soft excavation	m ³	12,150.0		
C4.2.8.2	Boulder excavation class A	m ³	121.5		
C4.2.8.3	Boulder excavation class B	m ³			Rate Only
C4.2.8.4	Hard excavation (other than by blasting)	m ³	12,937.5		
C4.2.8.5	Hard excavation (by blasting)	m ³	1,000.0		
C4.4	COMMERCIAL MATERIALS				
C4.4.1	Commercial materials identified by the Employer from				
C4.4.1.1	Pavement layer material:				
(d)	Type G4 material	m ³	0.0		Rate Only
(f)	Type G6 material	m ³	0.0		Rate Only
(g)	Type G7 material	m ³	0		Rate Only
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 5: EARTHWORKS AND PAVEMENT LAYERS:CONSTRUCTION				
C5.1	ROADBED				
C5.1.1	Roadbed construction and compaction				
C5.1.1.2	Compaction of in-situ material to 90 % of MDD	m ³	6,232.5		
C5.1.5.0	In-situ treatment of roadbed in hard material				
C5.1.5.1	In-situ treatment by ripping	m ³	6,232.5		
C5.1.5.2	In-situ treatment by drilling and blasting	m ³			Rate Only
C5.1.5.3	In-situ treatment by drilling and splitting the material using non-explosive, rock-breaking products	m ³			Rate Only
C5.3	ROAD PAVEMENT LAYERS				
C5.3.2.1	Construction of layers using conventional construction methods:				
(b)	Lower selected subgrade layer (150mm G6) compacted to 93 % of MDD	m ³	210		
(c)	Upper selected subgrade layer (150mm G6) compacted to 93 % of MDD	m ³	5,400.0		
(j)	Subbase gravel layer (chemically unstabilised) (150mm) compacted to 95 % of MDD	m ³	4,725.0		
(n)	Gravel base layer (chemically stabilised), (layer thickness indicated) compacted to 95 % of MDD	m ³	4,207.5		
(s)	G4A crushed rock/boulder Base layer (unstabilised) (175mm) compacted to 95 % of MDD	m ³	0		Rate Only
C5.4	STABILIZATION				
C5.4.2.	Chemical stabilisation				
C5.4.2.1	Chemical stabilisation (150mm) of pavement layers (subbase)	m ³	8,932.5		
C5.4.5	Cementitious stabilisation agents for pavement layers				
C5.4.5.1	Addition of cementitious stabilisation agents (specify agent				
(a)	Cement (for pavement layer)	ton	310		
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 6: CONCRETE LAYERS				
C6.2	SEGMENTAL BLOCK PAVING LAYERS				
C6.2.1	Segmental block paving				
C6.2.1.1	Concrete block paving (S-A Type A Herringbone)				
	(i) Using new Bricks 80mm	m ²	0.0		Rate Only
C6.2.2	Cast in-situ concrete edge and intermediate beams	m ³	0.0		Rate Only
C6.2.3	Provision and application of approved herbicide and ant poison.				
C6.2.3.1	Provision of materials	PC sum	0.0		Rate Only
C6.2.3.1	Contractor's charges and profit added to the prime cost sum	%	Rate Only		Rate Only
C6.2.4	Re sanding of joints in segmental block paving				
C6.2.4.1	Concrete block paving (S-A Type A Herringbone 80mm)	m ²	0.0		Rate Only
Total Carried Forward To Summary					

MAEPA ACCESS ROAD

CHAPTER 9: ASPHALT LAYERS

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 9: ASPHALT LAYERS				
C9.1	ASPHALT LAYERS				
C9.1.3	Application of bond coat				
C9.1.3.1	Tack coat of 30% stable-grade emulsion	ℓ	22,488.0		
C9.1.5	Asphalt surfacing				
C9.1.5.1	New Construction				
	(a) Surfacing or overlay constructed with new asphalt continuously graded (COLTO medium with 50/70 binder) 35mm thick	m²	28,110.0		
	Cores in asphalt paving:				
	(a) 100mm diameter	No	13.0		
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 11: ANCILLARY ROAD				
C11.1	PITCHING, STONEWORK, CAST IN SITU CONCRETE FOR				
C11.1.1	Foundation trenches for stone masonry walls				
C11.1.1.2	Excavating foundation trenches in intermediate material using labour enhanced construction methods 0 m to 1,0 m depth	m ³	18.0		
C11.1.2	Stone pitching				
C11.1.2.2	Grouted stone pitching with mortar	m ²	150.0		
C11.1.4.3	Extra over items C11.1.4.1 and C11.1.4.2 for procuring stone from commercial sources	m ³	24.0		
C11.1.6	Concrete edge beams	m ³	10.0		
C11.6	ROAD SIGNS				
C11.6.1	Road signboards with painted or coloured semi-matt				
C11.6.1.1	Aluminium sheet (2,0 mm thick):				
	(b) Area exceeding 0,5 m ² but not 2,0 m ²	m ²	30.0		
	(c) Area exceeding 2,0 m ² but not 10 m ²	m ²	1.0		
C11.6.3	Road sign supports (overhead road sign structures excluded):				
C11.6.3.1	Steel tubing (100 mm dia X 5.2 mm galvanized)	t	10.0		
C11.6.3.2	Timber (diameter and type indicated)				
	(i) 100 - 125 mm	m	0.0		Rate Only
	(ii) 125 - 150 mm	m			Rate Only
	(iii) 150 - 175 mm	m			Rate Only
	(iv) 175 - 200 mm	m			Rate Only
	(V) 200 - 225 mm	m			Rate Only
C11.6.5	Excavation and backfilling for road sign supports (not applicable to kilometre posts)				
C11.6.5.1	Excavating soft material and backfilling	m ³	10.0		
C11.6.5.2	Excavating soft or intermediate material and backfilling using	m ³	5.0		
C11.6.5.4	Extra over item C11.6.5.1 for hard material excavation	m ³	3.0		
C11.6.8	Danger plates at culverts/structures				
C11.6.8.1	Size 800 x 200 mm (Type A)	No	16.0		
Total Carried Forward					

MAEPA ACCESS ROAD
CHAPTER 11: ANCILLARY ROAD

Item	Description	Unit	Quantity	Rate	Amount (Rand)
Brought Forward					
C11.7	ROAD MARKINGS AND ROAD STUDS				
C11.7.1	White lines broken or unbroken 100mm	km	4.8		Rate Only
C11.7.1.2	Yellow lines broken or unbroken 100mm	km	0.0		
C11.7.1.4	White lettering and symbols (white reflective)	m²	120.0		
C11.7.1.7	Transverse lines, painted island and arrestor bed markings (any colour) (reflective paint)	m²	20.0		
C11.7.8	Setting out and premarking the lines (excluding traffic island markings, lettering and symbols)	km	4.8		
C11.7.9	Re-establishing the painting unit during the defects notification	No	2.0		
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount (Rand)
C20.1	TESTING MATERIALS AND JUDGEMENT OF				
C20.1.2	Special tests requested by the Engineer				
C20.1.2.2	Employer's contribution to other special tests				
	(a) Other special tests requested by the engineer	PC sum	1.0	100,000.00	100,000.00
	(i) Handling costs and profit in respect of item C20.1.2.2(a)	%	100,000.0		
	Structured Training				
	Providing Accredited Training				
	(a) Generic Skills	PC sum	1.0	100,000.00	100,000.00
	(b) Entrepreneurial Skills	PC sum	1.0	100,000.00	100,000.00
	(i) Handling costs and profit in respect of item C20.1.2.2(a)	%	200,000.0		
	(d) Training Venue	PC sum	1.0	2,000.00	2,000.00
	SUBCONSULTANTS				
	Social Facilitation				
	(a) Social Facilitator and Stakeholder engagements	PC sum	1.0	500,000.00	500,000.00
	Environmental Consultant				
	(b) Environmental consultancy and Audits	PC sum	1.0	420,000.00	420,000.00
	Occupation Health and Safety Consultant				
	(c) OHS Consultancy and Audits	PC sum	1.0	460,000.00	460,000.00
	(i) Handling costs and profit in respect of item (a), (b) and (c.)	%	10.0		
Total Carried Forward To Summary					

MAEPA ACCESS ROAD
SUMMARY OF SECTIONS

Section	Description				Amount (Rand)
1	CHAPTER 1: GENERAL				
2	CHAPTER 2: SERVICES				
3	CHAPTER 3: DRAINANGE				
4	CHAPTER 4: EARTHWORKS AND PAVEMENT LAYERS: MATERIALS				
5	CHAPTER 5: EARTHWORKS AND PAVEMENT LAYERS:CONSTRUCTION				
6	CHAPTER 6: CONCRETE LAYERS				
9	CHAPTER 9: ASPHALT LAYERS				
11	CHAPTER 11: ANCILLARY ROAD				
20	CHAPTER 20 TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP				
	SUBTOTAL				
	Contingencies @ 5%				
	SUBTOTAL				
	Add 15% VAT				
Total Carried Forward To Form of Offer					