

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 1: GENERAL

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	Project Liaison Officer Salary	month	10.0	5,000.00	50,000.00
C1.2.4.2	Contractor's handling costs, profit, and all other charges in respect of item C1.2.8.4(a)	%	50 000,00		
C1.2.5	Health and Safety				
C1.2.5.1	Health and safety plan	Lump sum	1.0		
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					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 1: GENERAL

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					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 1: GENERAL

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		
C1.4.3	Items measured by number				
C1.4.3.1	Office swivel chair	No	2.0		
C1.4.3.2	Office chair	No	4.0		
C1.4.3.2	Notice boards	No	2		
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	A4 color printer, copier, scanner	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		
C1.4.3.37	First aid kit	No	1.0		
Total Carried Forward					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 1: GENERAL

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	8,000.00	8,000.00
C1.4.4.2	Handling costs and profit in respect of item C1.4.4.1	%	8,000.00		
C1.4.4.5	The provision of internet connectivity and WiFi data for	PC sum	1.0	3,000.00	3,000.00
C1.4.4.6	Handling costs and profit in respect of item C1.4.4.5	%	3,000.00		
C1.4.4.7	The provision of paper and ink for a combination colour printer/copier/scanner	PC sum	1.0	8,000.00	8,000.00
C1.4.4.8	Handling costs and profit in respect of item C1.4.4.7	%	8,000.00		
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	2.4		
C 1.5.4	Construction of temporary deviations	km	2.4		
C1.5.5.11	Other road maintenance work ordered by the Engineer	PC sum	1.0	300,000.00	300,000.00
C1.5.5.12	Handling cost, profit and all other charges in respect of item C1.5.6.11	%	300,000.00		
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	12.0		
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					

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CHAPTER 1: GENERAL

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	m ³	100.0		
C1.7.1.2	Loading from heaps or windrows using machines and/some hand labour where necessary	m ³	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	m ³	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)	m ³ -km	500.0		
	(b) Soil and gravel material	m ³ -km			Rate Only
	(c) Boulders, hard material and concrete	m ³ -km			Rate Only
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 2: SERVICES

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 2: SERVICES				
C2.1	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	500,000.00	500,000.00
C2.1.2.5	Using hand excavation to locate, expose and verify services	m ³	250.0		
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 3: DRAINANGE

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	860.0		
	(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	80.0		
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	680.0		
(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	0.0		Rate Only
C3.2.2.2	Using imported selected material:				
(a)	From commercial sources (G6 material)	m ³	464.0		
C3.2.3	Concrete pipe culverts:				
C3.2.3.2	On Class B bedding (75D and 750mm diameter)	m	1000		
C3.2.5	Rectangular culverts with prefabricated elements:				
C3.2.5.1	Prefabricated portal culverts; wall and roof combination (900 x 750mm)	m	130		
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	15.6		
C3.2.8	Concrete backfill or encasement for culverts (25/19)	m ³	5		
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 3: DRAINAGE

Item	Description	Unit	Quantity	Rate	Amount (Rand)
Brought Forward					
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	10.0		
	(a) Figure 3 Kerb with bedding and jointing as per Drawing No.	m	1,180.0		
C3.3.2	Concrete kerbing-channeling combination:				
C3.3.2.1	Prefabricated kerbing-channeling (Kerb Inlet on Class B bedding with reference to drawing ref ...)				
(a)	Figure 3 kerb on Class B bedding as per drawing no. ...	m	28		
C3.3.8	Linings for open drains:				
C3.3.8.1	Cast in situ concrete lining (30/19 on trapezoidal drain)	m ³	198.0		
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	264		
C3.3.12.0	Reinforcement:				
C3.3.12.3	Welded steel fabric(ref 193)	kg	8		
C3.3.15	Energy dissipaters in outlet structures				
C3.3.15.1	Precast concrete blocks in outlet structures	No	30.0		
C3.3.16	Demolition and removal of existing kerbs, stormwater pipes and concrete channel (including haulage)	m ³	36.0		
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 4: EARTHWORKS AND PAVEMENT LAYERS: MATERIALS

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 4: EARTHWORKS AND PAVEMENT LAYERS: MATERIALS				
C4.2.8	Excavate material to spoil in sites designated by the Employer, material obtained from				
C4.2.8.1	Soft excavation	m ³	11783.50		
C4.2.8.2	Boulder excavation class A	m ³			Rate Only
C4.2.8.3	Boulder excavation class B	m ³			Rate Only
C4.2.8.4	Hard excavation (other than by blasting)	m ³			Rate Only
C4.2.8.5	Hard excavation (by blasting)	m ³			Rate Only
C4.3.14.2	Removing of existing road edging using labour enhanced methods of construction:				
(a)	Kerbing and edge beams:				
(ii)	Precast concrete kerbing (specify type or figure number)	m	720		
(c)	Grid inlets	No	8.0		
C4.3.19.0	Spoiling of paving blocks and road edging in spoil sites				
C4.3.19.2	Precast and in situ concrete kerbing, edge beams and channels at precast kerbing	m ³	72.0		
C4.3.19.3	Kerb and grid inlets, and other services structures	No	8		
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		
(f)	Type G6 material	m ³	8,231.5		
(g)	Type G7 material	m ³	0		
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 5: EARTHWORKS AND PAVEMENT LAYERS: CONSTRUCTION

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	6,036.5		
C5.1.5.0	In-situ treatment of roadbed in hard material				
C5.1.5.1	In-situ treatment by ripping	m ³			Rate Only
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:				
(a)	Lower selected subgrade layer (150mm G7) compacted to 93 % of MDD	m ³	0		
(c)	Upper selected subgrade layer (150mm) compacted to 93 % of MDD	m ³	5792		
(j)	Subbase gravel layer (chemically stabilised) (150mm) compacted to 95 % of MDD	m ³	5,439.5		
(s)	G4A crushed rock/boulder Base layer (unstabilised) (125mm) compacted to 95 % of MDD	m ³	0.0		Rate Only
(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	5,439.5		
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	250		
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 6: CONCRETE LAYERS

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	15,300.0		
	(ii) Using new Bricks 60mm	m ²	5,180.0		
C6.2.2	Cast in-situ concrete edge and intermediate beams	m ³	29.785		
C6.2.3	Provision and application of approved herbicide and ant				
C6.2.3.1	Provision of materials	PC sum	1.0	250,000.00	250,000.00
C6.2.3.1	Contractor's charges and profit added to the prime cost sum	%	250,000.0		
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
PCY	Subcontracting Obligation as per Contract Agreement	Prov sum	1	1	4,014,400.00
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 11: ANCILLARY ROAD

Item	Description	Unit	Quantity	Rate	Amount (Rand)
	CHAPTER 11: ANCILLARY ROAD				
C11.1	PITCHING, STONEMWORK, CAST IN SITU CONCRETE FOR PROTECTION AGAINST EROSION				
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	40.0		
	(c) Area exceeding 2,0 m ² but not 10 m ²	m ²	2.0		
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		
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	15.0		
C11.6.5.2	Excavating soft or intermediate material and backfilling using labour enhanced construction methods	m ³	10.0		
C11.6.5.4	Extra over item C11.6.5.1 for hard material excavation	m ³	5.0		
C11.6.8	Danger plates at culverts/structures				
C11.6.8.1	Size 800 x 200 mm (Type A)	No	30.0		
	Height Restriction supports including poles and signage	Prov Sum	1	450,000.00	450,000.00
	(i) Handling costs and profit in respect of item C11.6.8.1	%	450,000.0		
Total Carried Forward					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

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	2.4		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)	m ²	80.0		
C11.7.1.7	Transverse lines, painted island and arrestor bed markings	m ²	10.0		
C11.7.8	Setting out and premarking the lines (excluding traffic island	km	2.4		
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

CHAPTER 20 TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP

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	200,000.00	200,000.00
	(i) Handling costs and profit in respect of item C20.1.2.2(a)	%	200,000.0		
	Structured Training				
	Providing Accredited Training				
	(a) Generic Skills	PC sum	1.0	200,000.00	200,000.00
	(-) Handling costs and profit in respect of item C20.1.2.2(a)	%	200,000.0		
	(b) Entrepreneurial Skills	PC sum	1.0	200,000.00	200,000.00
	(-) Handling costs and profit in respect of item C20.1.2.2(a)	%	200,000.0		
	(d) Training Venue	PC sum	1.0	5,000.00	5,000.00
Total Carried Forward To Summary					

CONSTRUCTION OF BELFAST BOOKSHOP STREET ROAD (MCDONALD STREET)

SUMMARY OF SECTIONS

Section	Description				Amount (Rand)
1	CHAPTER 1: GENERAL				
2	CHAPTER 2: SERVICES				
3	CHAPTER 3: DRAINAGE				
4	CHAPTER 4: EARTHWORKS AND PAVEMENT LAYERS: MATERIALS				
5	CHAPTER 5: EARTHWORKS AND PAVEMENT LAYERS:CONSTRUCTION				
6	CHAPTER 6: CONCRETE 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 Summary Of Schedules					