tion PRELIMINARY AND GENERAL ITEMS		R
0102 C1.2 GENERAL REQUIREMENTS AND PROVISIONS	R	-
0103 C1.3 CONTRACTOR'S SITE ESTABLISHMENT AND	R	
SITE CLEARANCE		 R
0106 C1.6 CLEARING AND GRUBBING	R	
0107 C1.7 LOADING AND HAULING	R	
SERVICES		 R
	D	
0201 C2.1 GEN REQMENTS AND TRENCHING SERVICE	R	
DRAINAGE		R
0301 C3.1 DRAINS	R	
0302 C3.2 CULVERTS	R	
0303 C3.3 CONCRETE KERBING AND CHANNELING	R	
1206 C12.6 MECH STABILISED FILL AND GABIONS	R	
EARTHWORKS		R
0402 C4.2 CUT MATERIALS	R	
0502 C5.2 FILL	R	
LAYERWORKS		R
0404 C4.4 COMMERCIAL MATERIALS	R	
0501 C5.1 ROADBED	R	
0503 C5.3 ROAD PAVEMENT LAYERS	R	
0901 C9.1 ASPHALT LAYERS	R	
1203 C12.3 GROUND IMPROVEMENT	R	
ANCILLARY ROAD WORKS		R
1104 C11.4 ROAD RESTRAINT SYSTEMS	R	
1105 C11.5 FENCING	R	
1106 C11.6 ROAD SIGNS	R	
1107 C11.7 ROAD MARKINGS AND ROAD STUDS	R	
1108 C11.8 LANDSCAPING AND PLANTING PLANTS	R	
1109 C11.9 FINISHING ROAD AND ROAD RESERVE	R	
RETAINING WALLS		R
1206 C12.6 MECH STABILISED FILL AND GABIONS	R	
B TOTAL		R
D VAT (15%) - (only if a registered VAT Vendor)		R

SUMMARY OF BILL OF QUANTITIES

TOTAL CARRIED TO FORM OF TENDER

BILL OF QUANTITIES

SECTION 1 PRELIMINARY AND GENERAL ITEMS

PART 0102 C1.2 GENERAL REQUIREMENTS AND PROVISIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Environmental Management				
1	C1.2.1.1 PS.C1.2.1.1 PS.9	Monitoring of compliance with and reporting on the EMP	months	6		
		Programming and Reporting				
2	C1.2.2.3 PS.1 PS.C1.2.2.3	Submission of a Scheme 2 Initial Programme	Lump sum	1		
3	C1.2.2.4 PS.1 PS.C1.2.2.3	Submission of a Scheme 2 Full Programme	Lump sum	1		
4	C1.2.2.5 PS.C1.2.2.5	Reviewing and updating a Scheme 2 programme every month	months	6		
		Other Documentation				
5	C1.2.2.6	Preparation and submission of all information and reports specified in the Contract Documentation, including reporting on local labour	months	6		
		Stakeholder Management & Liaison				
6	C1.2.4 PS.12	Stakeholder Management and Liaison	months	6		
		Health and Safety				
7	C1.2.5.1 PS.10	Health and safety plan	Lump sum	1		
8	C1.2.5.2 PS.10	Implementation of health and safety plan	months	6		
		Community Liaison Officer				
9	PS.13	Allow for 1 CLO's to be appointed	PC Sum	100000	1.00	100,000.00
10	PS.13	Handling costs and profit in respect of PS.12	%	100000		
		Additional Security				
11	PS.15	Provision of security on site to guard against any disruption of the works throughout the duration of the contract	months	6		

TOTAL CARRIED TO SECTION 1 SUMMARY: PRELIMINARY AND GENERAL ITEMS

PART 0103 C1.3 CONTRACTOR'S SITE ESTABLISHMENT AND

Item	Clause	Description	Unit	Quantity	Rate	Amount
		The Contractor's General Obligations				
1	C1.3.1.1 PS.C1.3.1	Fixed obligations	Lump sum	50000		
2	C1.3.1.3 PS.C1.3.1	Time-related obligations	months	6		
3	C1.3.2 PS.C1.3.2	Contract sign boards (as per drawing)	no.	1		
4	PS.18.3	Submission of As-Built Data	sum	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: PRELIMINARY AND GENERAL ITEMS

SECTION 2 SITE CLEARANCE

PART 0106 C1.6 CLEARING AND GRUBBING

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C1.6.1.1 PS.C6.1.1	Clearing Clearing with machines and some hand labour where necessary	m2	3840		
2	C1.6.2.1 PS.C6.1.1	Grubbing Grubbing with machines and some hand labour where necessary	m2	3840		
3	C1.6.4.1 PS.C1.6.4.1	Removal Removal of structures: Demolition of brickwork of Manholes and inlets. Depth 0.0m to 1.0m	m3	1.2		

TOTAL CARRIED TO SECTION 2 SUMMARY: SITE CLEARANCE

PART 0107 C1.7 LOADING AND HAULING

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Hauling material to spoil				
1	C1.7.2.2(a) PS.C1.7.2.2	Hauling material to spoil in sites designated by the Contractor: (a) Cleared and grubbed material (organic matter and all other unsuitable or waste material)	m3	384		

TOTAL CARRIED TO SECTION 2 SUMMARY: SITE CLEARANCE

R

SECTION 3 **SERVICES**

PART 0201 C2.1 GEN REQMENTS AND TRENCHING SERVICE

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Location, Identification, Protection and Relocation of Existing Services				
1	C2.1.1.1 PS.2 PS.18.1	Contractor's obligation	Lump sum	1		
		Relocation of Services by Others:				
		Water				
2	C2.1.1.2 PS.3	Permanent services relocation or protection work by others: Water	PC Sum	100000	1.00	100,000.00
3	C2.1.1.3 PS.3	Handling costs and profit in respect of item C2.1.1.2 above	%	100000		
		Electricity				
4	C2.1.1.2 PS.6	Permanent services relocation or protection work by others: Electricity	PC Sum	50000	1.00	50,000.00
5	C2.1.1.3 PS.6	Handling costs and profit in respect of item C2.1.1.2 above	%	50000		
		Proving By Hand				
6	C2.1.2.5 PS.2.2	Using hand excavation to locate, expose and verify services, Depth of 0.0m to 1.5m. (Prov)	m3	30		
7	C2.1.7.1	Extra over item for excavating in hard material irrespective of depth	m3	5		
8	C2.1.11.1(a) PS.C2.1.6	Backfilling of trenches: Backfill compacted to 93 % (100 % for sand) of MDD (areas subject to traffic loads) using material: (a) From the excavated trench material	m3	30		

TOTAL CARRIED TO SECTION 3 SUMMARY: SERVICES

SECTION 4 **DRAINAGE**

PART 0301 C3.1 DRAINS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C3.1.4.1(a)	Excavation and disposal of material for subsoil drainage systems: in all material situated within the following depth ranges below the surface:(a) 0 m to 1,5 m	m3	22		
2	C3.1.7.2	Crushed stone obtained from commercial sources (13.2mm stone chips)	m3	8.3		
3	C3.1.8.2	Natural sand from commercial sources (Clean coarse sand)	m3	17		
4	C3.1.9.1	Pipes in subsoil drainage systems: U-PVC pipes and fittings, normal duty, complete with couplings (110 dia. and perforated)	m	35		
5	C3.1.11 PS.C12.11	Geotextiles (Drainage grade, A3.)	m2	70		
6	C3.1.14.3	PVC Caps for subsoil drain pipes for subsoil drain pipes	no	2		
7	C3.1.20	Breaking into existing drainage structures and install subsoil drain pipe	no	1		
8	C3.1.22	Test flushing of subsoil drain pipe systems	no	1		

TOTAL CARRIED TO SECTION 4 SUMMARY: DRAINAGE

PART 0302 C3.2 CULVERTS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Excavation: Pipes				
1	C3.2.1.1(a) PS.C2.1.6 PS.C3.2.1.1	Excavation for culvert structures for pipes: in all material situated within the following depth ranges below the surface level: (a) 0 m to 1,5 m	m3	85		
2	C3.2.1.1(b) PS.C2.1.6 PS.C3.2.1.1	Excavation for culvert structures for pipes: in all material situated within the following depth ranges below the surface level: (b) Exceeding 1,5 m and up to 3,0 m	m3	688		
3	C3.2.1.4 PS.C2.1.6	Extra over sub-item C3.2.1.1 for excavation in hard or boulder material,irrespective of depth	m3	38		
		Backfilling: Pipes				
4	C3.2.2.1	Backfilling: Using the excavated material	m3	546		

03-Nov-25

Part Continued on next page ENGINEERING

Part Continued PART 0302 C3.2 CULVERTS

Item	Clause	Description	Unit	Quantity	Rate	Amount
5	C3.2.3.2 PS.C3.2.3.2	Concrete pipe culverts, Spigot and Socket: On Class B bedding (450mm diameter concrete Class 100D) Excavation: Manholes, Inlets and Headwalls	m	402		
6	C3.2.1.1(a) PS.C2.1.6	Excavation for culvert structures for Manholes Inlets and Headwalls: in all material situated within the following depth ranges below the surface level: (a) 0 m to 1,5 m	m3	26		
7	C3.2.1.1(b) PS.C2.1.6	Excavation for culvert structures for Manholes Inlets and Headwalls: in all material situated within the following depth ranges below the surface level: (b) Exceeding 1,5 m and up to 3,0 m	m3	3		
8	C3.2.1.4 PS.C2.1.6	Extra over sub-item C3.2.1.1(b) for excavation in hard or boulder material,irrespective of depth Backfilling:	m3	1.5		
		Manholes, Inlets and Headwalls				
9	C3.2.2.1	Backfilling: Using the excavated material	m3	117		
		<u>Headwalls</u>				
10	PS.C3.2.9	Inlets and outlets to culverts: Headwalls, Type A, for 375mm and 450mm pipes	no	2		
		Manholes and Inlets				
11	PS.C3.2.15.2	Manhole: Type A with a heavy duty concrete cover; Depth: Exceeding 0,0m and up to 1,5m	no	4		
12	PS.C3.2.15.2	Inlet: Type S1, heavy duty concrete cover; Depth: Exceeding 0,0m and up to 1,5m	no	5		
13	PS.C3.2.15.2	Inlet: Type S1, heavy duty concrete cover; Depth: Exceeding 1,5m and up to 2,0m	no	1		
14	PS.C3.2.15.2	Inlet: Type D3, heavy duty concrete cover; Depth: Exceeding 0,0m and up to 1,5m	no	1		
		Compaction				
15	C3.2.24.1	Compaction of bedding for inlets, outlets, manholes and catchpits: Preparation and compaction of in situ bedding material to 90 % of MDD (depth 150mm)	m3	138		

Part Continued PART **0302 C3.2 CULVERTS**

Item	Clause	Description	Unit	Quantity	Rate	Amount
16	C1.7.2.2(c) PS.C1.7.2.2	Hauling material to spoil and off-loading it at a designated spoil area: (c) Boulders and hard material	m3	38		
17	C3.2.16.2	Brickwork (Engineering bricks): 230 mm thick	m2	0		

TOTAL CARRIED TO SECTION 4 SUMMARY: DRAINAGE

R

0303 C3.3 CONCRETE KERBING AND CHANNELING **PART**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C3.3.2.1, PS.C3.3.2.1	Prefabricated kerbing, cast in-situ channeling: Type F Mountable Kerb, fig. 6, with 150mm channel, Drawing 38577	m	480		
2	C3.3.2.1, PS.C3.3.2.1	Prefabricated kerbing, cast in-situ fillet: Type F Mountable Kerb, fig. 6, with 150mm channel, Drawing 38577	m	480		
3	C3.3.3.1, PS.C3.3.2.1	Extra over items C3.3.1 and C3.3.2 for concrete kerbing and channeling / fillet on curves of radii more than or equal to 2,0 m but less than 25 m	m	80		
4	C3.3.4	Extra over item C3.3.2 for drop kerbs and channel / Fillet at pedestrian crossings and driveways (Drawing 38579)	m	27		
		Scoops				
5	C13.4.11	Cast in situ concrete for Pedestrian / Vehicular Scoop (Grade 20/13)	m3	4.2		
		Open Drians				
6	C3.3.6.2	Cast in situ concrete chutes (V Drain, as per drawing) Item to include formation, backfill and compaction, Concrete, reinforcement and formwork	m	35		

TOTAL CARRIED TO SECTION 4 SUMMARY: DRAINAGE

R

1206 C12.6 MECH STABILISED FILL AND GABIONS **PART**

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Reno Mattress and Gabions for Headwalls				
1	C12.6.14.1(a)	Foundation trench excavation: Excavating all material for gabions and reno mattress situated within the following depth ranges (a) 0 m to 1,5 m	m3	1.2		
2	C12.6.15	Surface preparation for bedding the reno mattress	m2	4		

Part Continued PART 1206 C12.6 MECH STABILISED FILL AND GABIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
3	C12.6.16.2	Reno mattress: PVC coated gabion boxes (2.0mx1.0mx0.3m)	m3	1.2		
4	C12.6.17, PS.C12.6.17	Geotextile (Filtertation and separation for use with reno mattress, min Grade 7)	m2	4.5		

TOTAL CARRIED TO SECTION 4 SUMMARY: DRAINAGE

SECTION 5 EARTHWORKS

PART 0402 C4.2 CUT MATERIALS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C4.2.4.1 PS.C4.2	Excavating of materials in box cuts for use in the works, material obtained from: Soft excavation	m3	10		
2	C4.2.4.3 PS.C4.2	Excavating of materials in box cuts for use in the works, material obtained from: Boulder excavation class B	m3	19		
3	C4.2.4.4 PS.C4.2	Excavating of materials in box cuts for use in the works, material obtained from: Hard excavation (other than by blasting)	m3	98		
		Excavation to Spoil				
4	C4.2.9.1 PS.C4.2	Excavate material to spoil in sites designated by the Contractor, material obtained from: Soft excavation, overburden and unsuitable material	m3	977.01		
5	C4.2.9.3 PS.C4.2	Excavate material to spoil in sites designated by the Contractor, material obtained from: Boulder excavation class B	m3	19		
6	C4.2.9.4 PS.C4.2	Excavate material to spoil in sites designated by the Contractor, material obtained from: Hard excavation (other than by blasting)	m3	98		
		Finishing of Banks				
7	C4.2.12.1(a)	Finishing the side slopes of Cuttings: (a) In soft material	m2	615.25		

TOTAL CARRIED TO SECTION 5 SUMMARY: EARTHWORKS

0502 C5.2 FILL **PART**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C5.2.11.1	Finishing-off fill slopes	m2	560		

TOTAL CARRIED TO SECTION 5 SUMMARY: EARTHWORKS

R

R

SECTION 6 LAYERWORKS

PART 0404 C4.4 COMMERCIAL MATERIALS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Import Layerworks				
1	C4.4.2.1(b)	Commercial materials identified by the Contractor from commercial, private or other non-commercial suppliers: Pavement layer material:Type G2	m3	373		
2	C4.4.2.1(f)	Commercial materials identified by the Contractor from commercial, private or other non-commercial suppliers: Pavement layer material:Type G5	m3	439		
3	C4.4.2.1(g)	Commercial materials identified by the Contractor from commercial, private or other non-commercial suppliers: Pavement layer material:Type G7	m3	439		

TOTAL CARRIED TO SECTION 6 SUMMARY: LAYERWORKS

PART 0501 C5.1 ROADBED

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C5.1.1.2	Roadbed construction and compaction to 95 % of MDD	m3	439		
2	C5.1.4.2(a)	Removal of unsuitable material to spoil: In layer thicknesses exceeding 200 mm (a) Stable material	m3	60		
3	C5.1.5.1	In-place treatment of roadbed in hard material: by ripping	m3	30		

TOTAL CARRIED TO SECTION 6 SUMMARY: LAYERWORKS

PART 0503 C5.3 ROAD PAVEMENT LAYERS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C5.3.1	Compiling and implementing M&U plans for the construction of all the pavement layers.	no	1		
		Processing and Compaction				
2	C5.3.2.1(k)	Construction of layers: Upper subbase (G2) layer compacted to 98 % of MDD	m3	373		
3	C5.3.2.1(j)	Construction of layers: Lower subbase (G5) layer compacted to 95 % of MDD	m3	439		
4	C5.3.2.1(b)	Construction of layers: Upper selected subgrade layer (G7) compacted to 95 % of MDD	m3	439		

GRAVEL TO ASPHALT UPGRADE OF TRK 87122, INANDA, WARD 108

Part Continued PART 0503 C5.3 ROAD PAVEMENT LAYERS

Item	Clause	Description	Unit	Quantity	Rate	Amount
5	C5.3.2.1(m)	Sidewalk Sidewalk selected layer (G2) compacted to 98 % of MDD	m3	4.5		

TOTAL CARRIED TO SECTION 6 SUMMARY: LAYERWORKS

R

PART 0901 C9.1 ASPHALT LAYERS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Asphalt Mix Designs				
1	C9.1.1.2(a) PS.C9.1	Sand skeletal mixes: Continuously graded base or surfacing (SA-S14).	Lump sum	3500		
		Bond Coat (Tack)				
2	C9.1.3.1 PS.C9.1	Application of bond coat: Stable –grade 30 % net bitumen emulsion as specified. Applied with a calibrated distributer	1	1366		
		Asphalt Surface				
3	C9.1.5.1(e) PS.C9.1	New construction (paver laid) (a) Stone skeletal mix – continuously graded (SA-S14) (50mm layer)	m2	2484		
4	C8.1.1.2	Prime coat: MC -30 cut-back bitumen. 0.8l/m2	1	1988		

TOTAL CARRIED TO SECTION 6 SUMMARY: LAYERWORKS

R

PART 1203 C12.3 GROUND IMPROVEMENT

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C12.3.20 PS.C12.3.20	Importing dump rock for subgrade improvement, 300mm thick	m3	60		
2	PS.C12.3.20	Supply and place minimum grade 5 geofabric to dumprock layer.	m2	220		
3	C12.3.19 PS.C12.3.20	Importing G7 quality material from approved sources, to be applied over dumprock layer.	m3	22		

TOTAL CARRIED TO SECTION 6 SUMMARY: LAYERWORKS

SECTION 7 ANCILLARY ROAD WORKS

PART 1104 C11.4 ROAD RESTRAINT SYSTEMS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C11.4.1.1(c)	Erecting of guardrails at 3,81 m spacing: Complete galvanized system compliant to SANS 1350: (c) on CONCRETE post (Drawing 38580)	m	30		
2	C11.4.1.2(a)	Terminal sections for 3,81 guardrails comprising of: (a) End wings to SANS 1350	no	2		
3	C11.4.4.1	Extra over C11.4.1 for horizontally curved guard rails factory bent to a radius of less than 45m	m	10		

TOTAL CARRIED TO SECTION 7 SUMMARY: ANCILLARY ROAD WORKS

R

PART 1105 C11.5 FENCING

Iter	m	Clause	Description	Unit	Quantity	Rate	Amount
	1	C11.5.4.1(d)	Dismantling existing fences: (d) Security fences	m	144		

TOTAL CARRIED TO SECTION 7 SUMMARY: ANCILLARY ROAD WORKS

R

PART 1106 C11.6 ROAD SIGNS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C11.6.1.3(b)	Road signboards with painted or coloured semi-matt background. Symbols, lettering and borders in semi-matt black or in Class I retro-reflective material, where the sign board is constructed from: Prepainted galvanized steel plate: (b) Area exceeding 0,5 m2 but not 2,0 m2	m2	2		
2	C11.6.3.1	Road sign supports:Steel tubing (75m diameter), Galvanised	m	4		
3	C13.4.11	Cast in situ concrete for road sign footings as directed by the Engineer (Grade 20/19)	m3	1.8		

TOTAL CARRIED TO SECTION 7 SUMMARY: ANCILLARY ROAD WORKS

R

PART 1107 C11.7 ROAD MARKINGS AND ROAD STUDS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Lettering and Symbols				
1	C11.7.1.4 PS.C11.7.1	White lettering and symbols	m2	8		

TOTAL CARRIED TO SECTION 7 SUMMARY: ANCILLARY ROAD WORKS

PART 1108 C11.8 LANDSCAPING AND PLANTING PLANTS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C11.8.3.3(a)	Preparing the areas for grassing: (a) Topsoil obtained from within the road reserve or borrow areas	m3	117		

TOTAL CARRIED TO SECTION 7 SUMMARY: ANCILLARY ROAD WORKS

R

PART 1109 C11.9 FINISHING ROAD AND ROAD RESERVE

Item Clause	Description	Unit	Quantity	Rate	Amount
1 C11.9.1.2	Single carriageway road	km	0.44		

TOTAL CARRIED TO SECTION 7 SUMMARY: ANCILLARY ROAD WORKS

SECTION 8 **RETAINING WALLS**

PART 1206 C12.6 MECH STABILISED FILL AND GABIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Segmented Block walls (Geolock or similar approved)				
1	C12.6.2	Excavation for wall base foundation	m3	26		
2	C12.6.3	Concrete for wall base foundation (25/26)	m3	8		
3	C12.6.7	Metallic reinforcing mesh (Mesh Ref. 245)	m2	36		
4	C12.6.12.2	Facings (Geolock wall as per drawing for wall 0-2m): For concrete block wall facing	m2	58		
5	C12.6.13	Drainage (50mm weepholes installed inclusive of all elements as per drawing)	no	16		
6	C12.6.11	Backfill (compacted to 95%MDD)	m3	20		
7	C12.6.17	Geotextile (Drainage A3)	m2	92		
8	C12.6.3	Concrete for wall Top blocks of wall (25/26)	m3	1.4		
9	C3.1.9.1	Pipes in subsoil drainage systems: U-PVC pipes and fittings, normal duty, complete with couplings (state size and whether or not perforated or slotted)	m	45		
10	C3.3.6.2	Precast concrete chutes (catchwater drain, minimum 300mm wide by 150mm deepm as per drawing) Item to include all materials, formation, backfill and installation.	m	50		

TOTAL CARRIED TO SECTION 8 SUMMARY: RETAINING WALLS

BILL OF QUANTITIES SECTION SUMMARY

SECTION	1 PREI	IMINARY	AND	CENERAL	ITEMS

PART 0102	C1.2 GENERAL REQUIREMENTS AND PROVISIONS	
PART 0103	C1.3 CONTRACTOR'S SITE ESTABLISHMENT AND	
TOTAL CARRII	ED TO FINAL SUMMARY	

SECTION 2 SITE CLEARANCE

PART 0	106 C1.6 CLEARING AND GRUBBING	
PART 0	107 C1.7 LOADING AND HAULING	

TOTAL CARRIED TO FINAL SUMMARY

SECTION 3 SERVICES

PART 0201	C2.1 GEN REQMENTS AND TRENCHING SERVICE	
TOTAL CARR	IED TO FINAL SUMMARY	

SECTION 4 DRAINAGE

PART 0301	C3.1 DRAINS	
PART 0302	C3.2 CULVERTS	
PART 0303	C3.3 CONCRETE KERBING AND CHANNELING	
PART 1206	C12.6 MECH STABILISED FILL AND GABIONS	
		1

TOTAL CARRIED TO FINAL SUMMARY

SECTION 5 EARTHWORKS

PART 0402	C4.2 CUT MATERIALS	
PART 0502	C5.2 FILL	

TOTAL CARRIED TO FINAL SUMMARY

SECTION 6 LAYERWORKS

PART	0404	C4.4 COMMERCIAL MATERIALS	
PART	0501	C5.1 ROADBED	
PART	0503	C5.3 ROAD PAVEMENT LAYERS	
PART	0901	C9.1 ASPHALT LAYERS	
PART	1203	C12.3 GROUND IMPROVEMENT	

TOTAL CARRIED TO FINAL SUMMARY	
--------------------------------	--

BILL OF QUANTITIES SECTION SUMMARY

SECTION 7 ANCILLARY ROAD WORKS

PART	1104	C11.4 ROAD RESTRAINT SYSTEMS	
PART	1105	C11.5 FENCING	
PART	1106	C11.6 ROAD SIGNS	
PART	1107	C11.7 ROAD MARKINGS AND ROAD STUDS	
PART	1108	C11.8 LANDSCAPING AND PLANTING PLANTS	
PART	1109	C11.9 FINISHING ROAD AND ROAD RESERVE	

TOTAL CARRIED TO FINAL SUMMARY	

SECTION 8 RETAINING WALLS

PART	1206	C12.6 MECH STABILISED FILL AND GABIONS			
TOTAL	TOTAL CARRIED TO FINAL SUMMARY				