

SCHEDULE A: ROADWORKS

SECTION 1200

GENERAL REQUIREMENTS AND PROVISIONS

ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
1200	<u>GENERAL REQUIREMENTS AND PROVISIONS</u>				
B12.01	<u>Community Liaison Officer:</u>				
	(a) Community Liaison Officer cost	Prov. Sum	1	36,000.00	36,000.00
	(c) Remuneration of PSC representatives from the community to attend official meetings	Prov. Sum	1.00	8,400.00	8,400.00
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	44,400.00		-
B12.05	Protection of Existing Services	Prov. Sum	1.00	10,000.00	10,000.00
B12.06	Handling costs and charges for the Contractor on item B12.05	%	10,000.00		-
					-
1200	TOTAL CARRIED FORWARD				

SCHEDULE A: ROADWORKS**SECTION 1300****CONTRACTOR'S ESTABLISHMENT ON SITE****AND GENERAL OBLIGATIONS****0**

ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
1300	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
B13.01	The contractor's general obligations:				
	(a) Fixed obligations	Lump sum	1.00		
	(b) Value-related obligations	Lump sum	1.00		
	(c) Time-related obligations	Month	6.00		
1300	TOTAL CARRIED TO SUMMARY				

SCHEDULE A: ROADWORKS

SECTION 1700

CLEARING AND GRUBBING

ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
1700	<u>CLEARING AND GRUBBING</u>				
B17.01	Clearing and grubbing	ha	0.70		
B17.02	Removal and grubbing of large trees and tree stumps:				
	(a) Girth exceeding 0,5m up to and including 1m	No	2.00		
	(b) Girth exceeding 1m up to and including 2m	No	2.00		
	(c) Girth exceeding 2m up to and including 3m	No	1.00		
17.04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	18.00		
B17.05	Cleaning out of hydraulic structures				
	(a) Pipes with an internal diameter up to and including 750mm	m³	8.00		
	(b) Pipes with an internal diameter exceeding 750mm	m³	9.00		
17/16.02	Overhaul on material hauled in excess of 1.0km (ordinary				
	overhaul)	m³-km	29250.0		
1700	TOTAL CARRIED TO SUMMARY				

SCHEDULE A : ROADWORKS

SECTION 2100

DRAINS

0

ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
2100	<u>DRAINS</u>				
B21.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges below the surface level				
	(i) 0m up to 1,5m	m ³	56		
	(b) Extra over subitem B21.01(a) for excavation in hard material, irrespective of depth	m ³	28.13		
21.15	Overhaul for material hauled in excess of 1,0km free-haul (normal overhaul)	m ³ -km	281.25		
B21.20	Clearing and shaping side and mitre drains by road grader	m	200.00		
2100	TOTAL CARRIED FORWARD				

0

SCHEDULE A : ROADWORKS

SECTION 2200

| PREFABRICATED CULVERTS

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ITEM NO	DESCRIPTION	UNIT	QTY BILLED	RATE	AMOUNT BILLED
2200	PREFABRICATED CULVERTS				
22.01	Excavation				
	(a) Excavating soft material situated within the following depth ranges below the level surface level				
	(i) 0m up to 1,5m	m³	0		
	(ii) Exceeding 1,5m and up to 3,0m	m³	0		
	(b) Extra over subitem 22.01(a) for excavation in hard material, irrespective of depth	m³	0		
22.02	Backfilling				
	(a) Using the excavated material	m³	0		
	(b) Using imported selected material	m³	0		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	0		
22.03	Concrete pipe culvert				
	(c) On Class B bedding				
	(i) 600 mm dia class 100D	m	30		
	(ii) 900 mm dia class 100D	m	0		
22.05	Portal and rectnagular Culverts				
B22,05	(a) Installation Only 3000mm high x 3000m wide Class 75S	m	44		
22.07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m³	0		
	(c) In inlet and outlet structures, skewed ends, catchpits, manholes, thrust and anchor blocks, excluding formwork but including class U2 surface finish (30MPa / 19)	m³	0		
	(d) Formwork for concrete under subitem 22.07(a & c) above	m²	40		
22.10	Steel reinforcement				
	(b) High-tensile steel bars	t	0.0		
	(c) Welded steel mesh	kg	38		
2200	TOTAL CARRIED FORWARD				

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BORROW MATERIAL

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ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
3100	<u>BORROW MATERIALS</u>				
31.01	Excess overburden (provisional)	m³	1,250.00		
31.03	Finishing-off borrow areas	ha	0.25		
3100	<u>TOTAL CARRIED TO SUMMARY</u>				0.00

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SCHEDULE A : ROADWORKS**SECTION 3300****BORROW MATERIAL**

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ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
3300	<u>MASS EARTHWORKS</u>				
33.01	Cut and borrow to fill, including freehaul up to 1,0 km :				
	(e) Pioneer Layer (as specified in subclause 3307©) but in additional constructed using commercially sourced rocks and G7 material . Rate to include all required materials, transportation and construction	m ³	315.00		
	(a) Material in compacted layer thickness of 200mm and less : (ii) Compacted to 93% of mod AASHTO	m ³	300		
33.03	Extra over item 33.01 for excavating and breaking down materials in :				
	(a) Intermediate Excavation	m ³	90		
	(b) Hard Excavation	m ³	75.00		
33.04	Cut to spoil, including free haul up to 1.0km. Material obtained from :				
	(a) Soft excavation	m ³	157.50		
	(b) Intermediate excavation	m ³	78.75		
	(c) Hard Excavation	m ³	39.38		
33/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m ³ -km	787.50		
3100	TOTAL CARRIED TO SUMMARY				

SCHEDULE A : ROADWORKS

SECTION 3400

PAVEMENT LAYERS OF GRAVEL MATERIAL

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ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
	borrow including free haul up to 1.0km				
	(h) G7 Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	3366		
	inclusive of cutting all mitre drains 1m earth side drains				
34.02	Extra over item 34.01 for excavation of material in				
	(a) Intermediate material	m³			
34.07	Extra over for temporarily blading the material to windrow	m³	1009.8		
B34.14	Wet blading				
	(a) 6m road width (riding surface)	km			Rate only
	(b) 7m road width (riding surface)	km			Rate only
B34.15	Dry blading				
	(a) 6m road width (riding surface)	km			Rate only
	(b) 7m road width (riding surface)	km			Rate only
B34.16	Accessibility grading				
	(a) 6m road width (riding surface)	km			Rate only
	(b) 7m road width (riding surface)	km			Rate only
B34.17	Special grading				
	(a) 6m road width (riding surface)	km			Rate only
	(b) 7m road width (riding surface)	km			Rate only
B34.18	Reshaping				
	(a) 6m road width (riding surface)	km			Rate only
	(b) 7m road width (riding surface)	km			Rate only
B34.19	Heavy Maintenance				
	(a) 6m road width (riding surface)	km			Rate only
	(b) 7m road width (riding surface)	km			Rate only
B34.20	Patch Gravelling gravelling in short lengths up to 300m				
	(Min depth 150mm) to 95% Mod AASHTO				
	(a) Material from Borrow	m³			Rate only
	(b) Crushed Material	m³			Rate only
B34.21	Light Road Bed Preparation				
	(b) 7m road width	km			Rate only
B34.22	Heavy Road Bed Preparation				
	(a) 6m road width	km			Rate only
	(b) 6.8m road width	km			Rate only
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overha	m³-km	29250.0		

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SCHEDULE A : ROADWORKS**SECTION 5100****PITCHING, STONEMWORK AND PROTECTION AGAINST EROSION**

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ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
5100	<u>PITCHING, STONEMWORK AND PROTECTION AGAINST EROSION</u>				
51.01	Stone pitching				
	(b) Grouted stone pitching (Max 300mm width)	m ²	60.0		
	(c) Grouted stone pitching on a concrete bed	m ²			
5100	TOTAL CARRIED TO SUMMARY				

SCHEDULE A : ROADWORKS
SECTION 5600
ROAD SIGNS

ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
5600	ROAD SIGNS				
B56.01	Road sign boards complete with supports with Class 1 retro-reflective background. Symbols and lettering in semi matt black. Boarders in Class 1 retro- reflective material, where the signboard is constructed from :				
	(c) Prepainted galvanised steel plate (1.2mm chromadek or approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R 1	No.	1		
	- R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:				
	- W101	No.	4		
	- W104	No.	4		
	- W107 / W108	No.	4		
	- W326	No.	4		
	- W204 / W205	No.	4		
	W208	No.	4		
	(iii) 900mm Triangular Combination signs				
	- WCE. 2 (W208 + for 5km)	No.	2		
	(iv) 150mm x 600mm Hazard Marker Signs				
	- W401	No.	12		
	- W402	No.	12		
	(v) 450mm x 450mm Hazard Marker Signs				
	- W405	No.			
	- W406	No.			
56.03	Road sign supports:				
	(b) Timber				
	(i) 75mm diameter	m	80		
	(ii) 100mm diameter	m	20		
56.05	Excavation and backfilling for road sign supports:				
	(a) Excavation for sign supports	m³	68		
56.06	Extra over item 56.05 for cement treated backfill:				
	(a) With soilcrete	m³	68		

SCHEDULE A : ROADWORKS**SECTION 5900****FINISHING THE ROAD AND ROAD RESERVE AND TREATING OLD ROADS**

ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
5900	<u>FINISHING THE ROAD AND ROAD RESERVE AND TREATING OLD ROADS</u>				
B59.01	Finishing road and road reserve				
	a) 0 to 15 degrees	ha	0.6		
	b) 15 to 30 degrees	ha			
	c) 30 to 45 degrees	ha			
5900	TOTAL CARRIED TO SUMMARY				

SCHEDULE A : ROADWORKS**SECTION 12000****Environmental Management Programme (EMPR)**

ITEM NO	DESCRIPTION	UNIT	QUANTITY BILLED	RATE	AMOUNT BILLED
12000	<u>Environmental Management Programme (EMPR)</u>				
B1200.01	Contractor's compliance with EMPR Engineer:	Prov. Sum	1.00	120,000.00	120,000.00
B1200.02	Handling costs and charges for the Contractor on item B1200.01	%	120,000.00		
8100	TOTAL CARRIED TO SUMMARY				