

SCHEDULE A: ROADWORKS				CHAPTER C1.2	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1.2	GENERAL REQUIREMENTS AND PAYMENT				
C1.2.2	Programming and Reporting				
C1.2.2.1	Submission of a Scheme 1 Programme	Lump Sum	1		
C1.2.5	Safety				
C1.2.5.1	Health and safety plan	Lump Sum	1		
C1.2.5.2	Implementation of health and safety plan	Week	2		
C1.2.8	Dayworks				
C1.2.8.1	Personnel				
	(a) Unskilled labourer	hour	20		
	(b) Semi-skilled labourer	hour	10		
	(c) Skilled labourer	hour	5		
C1.2.8.2	Construction Equipment				
	(e) Tractor loader backhoe, 55-70 kW, 0,5m³ bucket	hour	18		
	(l) Vibrating plate compactor, minimum power 2 kW	hour	18		
C1.2.8.3	Vehicles				
	(a) Light delivery vehicle, minimum load capacity 1 ton	km	100		
	(b) Flatbed truck, minimum load capacity 10 tons	km	100		
	(c) Tipper truck, minimum load capacity 10 tons	km	100		
C1.2.8.4	Materials				
	(a) Procurement of materials	Prov Sum	1	R 30 000.00	R 30 000.00
	(b) Contractor's handling costs, profit and all other charges in respect of item C1.2.8.4(a)	%	R30 000.00		
C1.2	TOTAL CARRIED TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C1.3	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
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		
C1.3.1.2	Value-related obligations	Lump Sum	1		
C1.3.1.3	Time-related obligations	Week	2.0		
C1.3	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C1.5	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1.5	ACCOMMODATION OF TRAFFIC				
C1.5.2	Accommodation of vehicular traffic (including signage, flagmen, etc.)	Week	2		
C1.5	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C1.6	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1.6	CLEARING AND GRUBBING				
C1.6.1	Clearing				
PC1.6.11	Removal and disposal of vegetation from road edge	m ²	1300		
C1.6	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C1.7	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1.7	LOADING AND HAULING				
C1.7.1	Loading				
C1.7.1.1	Loading from stockpile using machines and some hand labour where necessary	m ³	175		
C1.7.1.2	Loading from heaps or windrows using machines and/some hand labour where necessary	m ³	74		
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	150		
(b)	Soil and gravel material	m ³ - km	404		
C1.7	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C2.1	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C2.1	GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES				
C2.1.2	Existing services location, detection and verification				
C2.1.2.5	Using hand excavation to locate, expose and verify services	m ³	5		
PC2.1.28	Provisional sum for relocation of existing services	Prov. Sum	1	R 50 000.00	R 50 000.00
(b)	Contractor's handling costs, profit and all other charges in respect of item PC2.1.28	%	R 50 000.00		
C2.1	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C4.3	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C4.3	EXISTING ROAD MATERIALS				
C4.3.6	Milling and removal of existing asphalt layers with an average milling depth (Contractor takes ownership)				
C4.3.6.1	Not exceeding 50 mm	m ³	136.5		
C4.3	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C8.8	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C8.8	PATCHING AND EDGE BREAK REPAIR				
C8.8.1	Saw cutting pavement layers for patching				
C8.8.1.1	Asphalt or bituminous surfacing to an average depth				
(a)	Not exceeding 50 mm	m	300		
C8.8.2	Excavation in existing pavements for patching / brick paving (Either by hand or by milling)				
C8.8.2.1	Asphalt layers				
(a)	Not exceeding 10 m ² , including for edge repairs wider than 250 mm	m ³	3		
(b)	Exceeding 10 m ² including for edge repairs wider than 250 mm	m ³	1		
C8.8.2.3	Gravel layers				
(a)	Not exceeding 10 m ² , including for edge repairs wider than 250 mm	m ³	30		
(b)	Exceeding 10 m ² but not exceeding 50 m ² , including for edge repairs wider than 250 mm	m ³	5		
C8.8.3	Compacting the floor of excavations for patching (95% Mod AASHTO)	m ²	115		
C8.8.4	Backfilling of excavations for patching with:				
C8.8.4.3	Asphalt for a patch with a surface area:				
	Continuously graded Asphalt Base 75mm thick layers (28mm maximum aggregate size using 60/70 penetration grade bitumen)				
(a)	Not exceeding 10 m ² , including for edge repairs wider than 250 mm	t	7		
(b)	Exceeding 10 m ² including for edge repairs wider than 250 mm	t	11		
C8.8/C9.1.3	Application of bond coat				
C9.1.3.4	Stable –grade 30 % net bitumen emulsion as specified. Applied by hand sprayers	ℓ	81		
C8.8.6	Reparing edge breaks in surfacing				
C8.8.6.1	Cutting back the edges of the existing surfacing for the repairing of edge breaks	m	200		
C8.8.6.2	Prime coat (Coleprime E or similar at 0,7 l/m ²)	ℓ	21		
C8.8.6.3	Reconstructing edges using:				
(a)	Colto Medium Continuously Graded (50/70). 7.1mm NMPS	t	3.6		
C8.8	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS REHABILITATION AND RESEAL OF ROADS IN JEFFREYS BAY AND PARADISE BEACH IN THE KOUGA LOCAL MUNICIPAL AREA				CHAPTER C9.1	
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C9.1	ASPHALT LAYERS				
C9.1.3	Application of bond coat at 1,0 l/m ²				
C9.1.3.1	Stable –grade 30 % net bitumen emulsion as specified. Applied with a calibrated distributor	ℓ	3 185		
C9.1.5	Asphalt surfacing				
C9.1.5.2	Rehabilitation (ii) 30mm thick: Colto Medium Continuously Graded (50/70). 7.1mm NMPS	ton (t)	325		
C9.1	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C11.7	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C11.7	ROAD MARKINGS AND ROAD STUDS				
C11.7.1	Road marking:				
C11.7.1.8	Labour enhanced hand painted white lines broken or unbroken				
(i)	100mm width	m ²	163		
C11.7.8	Setting out and premarking the lines (excluding traffic island markings, lettering and symbols)	km	0.65		
C11.7	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS				CHAPTER C20.1	
PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C20.1	TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP				
C20.1	Additional Testing	Prov. Sum	1	R 30 000.00	R 30 000.00
C20.1.6.1	Additional control testing required by the Engineer				
C20.1.6.2	Contractor's handling costs, profit and all other charges in respect of item C20.1.6.1	%	R30 000.00		
C20.1	TOTAL CARRIED FORWARD TO SUMMARY				

PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)

SCHEDULE A: ROADWORKS - SUMMARY

CHAPTER	DESCRIPTION	
C1.2	GENERAL REQUIREMENTS AND PAYMENT	
C1.3	CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS	
C1.5	ACCOMMODATION OF TRAFFIC	
C1.6	CLEARING AND GRUBBING	
C1.7	LOADING AND HAULING	
C2.1	GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES	
C4.3	EXISTING ROAD MATERIALS	
C8.8	PATCHING AND EDGE BREAK REPAIR	
C9.1	ASPHALT LAYERS	
C11.7	ROAD MARKINGS AND ROAD STUDS	
C20.1	TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP	
TOTAL SCHEDULE A: ROADWORKS		

PROPOSED REMEDIAL WORKS ALONG OLD CAPE ROAD (SIMOLA HILL)		
C2.3 SUMMARY OF BILL OF QUANTITIES		
SCHEDULE	FROM PAGE	AMOUNT
SCHEDULE A - ROADWORKS		
SUBTOTAL A		
Contingecies (7,5% of Subtotal A)		
SUBTOTAL B		
VAT (15% of Subtotal B)		
TOTAL CARRIED FORWARD TO FORM OF OFFER		