

C2.2 SCHEDULE OF RATES				
CHAPTER 11: ANCILLARY ROAD WORKS				
ITEM	DESCRIPTION	UNIT	CATEGORY A	CATEGORY B
SECTION 11.1	NON -STRUCTURAL GABIONS			
C11.2.1	Foundation trench excavation:			
C11.2.1.1	Excavating all materials situated within the following depth ranges below surface level			
C11.2.1.1 (a)	0 m to 1.5m	m ³		
C11.2.1.1 (b)	Exceeding 1.5 m and up to 3.0 m	m ³		
C11.2.1.2	Extra over C11.2.1.1 for excavation in hard material irrespective of depth	m ³		
C11.2.1.3	Excavating soft material within 1.5 m below the surface using labour enhanced methods	m ³		
C11.2.2	Surface preparation for bedding the gabion boxes and mattresses	m²		
C11.2.3	Gabion boxes and mattresses:			
C11.2.3.1	Galvanized gabion boxes (1m x 1m x 1m boxes)	m ³		
C11.2.3.2	PVC coated gabion boxes (1m x 1m x 1m boxes)	m ³		
C11.2.3.3	Galvanized gabion mattresses (1m x 1m x 0.3m mattress)	m ³		
C11.2.3.4	PVC coated gabion mattresses (1m x 1m x 0.3m mattress)	m ³		
C11.2.4	Geotextiles			
C11.2.4.1	Synthetic-fibre filter fabric (non-woven polyester, grade 1)	m ²		
C11.2.4.2	Synthetic-fibre filter fabric (non-woven polyester, grade 2)	m ²		
C11.2.4.3	Synthetic-fibre filter fabric (non-woven polyester, grade 3)	m ²		
ITEM	DESCRIPTION	UNIT	CATEGORY A	CATEGORY B
SECTION 11.4	ROAD RESTRAINT SYSTEMS			
C11.4.3	Project specific concrete barrier systems			
C11.4.3.2	Precast concrete barriers (New Jersey type or F-shape or similar approved)	m		
C11.4.3.3	Installation and removal of precast concrete barrier system (New Jersey type or F-shape or similar approved)			
C11.4.3.3 (a)	For a total linear length of up to 20 metres	No		
C11.4.3.3 (b)	For a total linear length exceeding 20 metres and up to 50 metres	No		
C11.4.3.3 (c)	For a total linear length exceeding 50 metres and up to 100 metres	No		
C11.4.3.3 (d)	For a total linear length exceeding 100 metres and up to 200 metres	No		
C11.4.3.3 (e)	For a total linear length exceeding 200 metres	No		
C11.4.3.4	Relocating or stacking precast barrier moved in excess of 1,0 km	No		
CHAPTER 12: GEOTECHNICAL APPLICATIONS				
ITEM	DESCRIPTION	UNIT	CATEGORY A	CATEGORY B
SECTION 12.6	MECHANICALLY STABILISED FILL AND GABIONS			
C12.6.1	Establishment on site for MSE			
C12.6.1.2	For concrete block wall facing	Lump Sum		
C12.6.2	Excavation for wall base foundation	m ³		
C12.6.3	Concrete for wall base foundation	m ³		
C12.6.4	Reinforcing steel in wall base foundation			
C12.6.4.1	Mild steel	ton		
C12.6.4.2	High steel	ton		
PC12.6.5	Preparation of surface for laying geosynthetic reinforcement	m ²		
PC12.6.9	Geosynthetic reinforcing sheet			
PC12.6.9.1	Grade 3 (non-woven, needle punched)	m ²		
PC12.6.9.2	Grade 2 (non-woven, needle punched)	m ²		
PC12.6.9.3	Grade 1 (non-woven, needle punched)	m ²		

C2.2 SCHEDULE OF RATES				
ITEM	DESCRIPTION	UNIT	CATEGORY A	CATEGORY B
C12.6.10	Fixing mechanisms to facings			
C12.6.10.2	Sheets	m		
C12.6.12	Facings (not exceeding 1.5m in height)			
C12.6.12.2	For concrete block wall facing (minimum crushing strength 10MPa, 28 day concrete strength 25MPa) including backfill to 250mm behind the blocks			
C12.6.12.2(a)	Single skin of concrete blocks with mass up to 300 kg/m2 of wall	m ²		
C12.6.12.2(b)	Single skin of concrete blocks with mass exceeding 300 kg/m2 of wall up to 450 kg/m2 of wall	m ²		
PC12.6.12.4	Extra over PC12.6.12.2 (a) to (c) for double skin of concrete blocks	m ²		
PC12.6.12.5	Extra over C12.6.12.2 (a) to (c) or PC12.6.12.4 to include infilling of concrete blocks			
PC12.6.12.5(a)	With topsoil	m ²		
PC12.6.12.5(b)	With sand/gravel	m ²		
PC12.6.12.5(c)	With 25MPa concrete	m ²		
C12.6.13	Drainage			
C12.6.13.1	Strip or wick drain (3mm-6mm thick, heavy duty HDPE or polypropylene drainage core wrapped and bonded with a non-woven filter fabric/geotextile)			
C12.6.13.1(a)	Up to 100mm width	m		
C12.6.13.1(b)	Exceeding 100mm width and up to 200mm width	m		
C12.6.13.2	Geopipe collectors (HDPE, min. 5mm wall thickness, 70/30 ratio of open to solid area, perforations greater than 3mm but less than 12mm, wrapped and bonded with non-woven filter fabric/geotextile)			
C12.6.13.2(a)	ID up to 70mm	m		
C12.6.13.2(b)	ID exceeding 70mm and up to 100mm	m		
C12.6.13.2(c)	ID exceeding 100mm and up to 150mm	m		
ITEM	DESCRIPTION	UNIT	CATEGORY A	CATEGORY B
SECTION 12.9	SLOPE PROTECTION MEASURES			
C12.9.1	Barring down of rock surfaces within vertical height intervals			
C12.9.1.1	Up to 3.0m height	m ²		
C12.9.1.2	Exceeding 3.0m up to 6.0m height	m ²		
C12.9.1.3	Exceeding 6.0m up to 9.0m height	m ²		
C12.9.1.4	Exceeding 9.0m up to 12.0m height	m ²		
C12.9.1.5	Exceeding 12.0m up to 15.0m height	m ²		
C12.9.2	Cleaning of rock surfaces by high pressure air and water jetting equipment within vertical height intervals			
C12.9.2.1	Up to 3.0m height	m ²		
C12.9.2.2	Exceeding 3.0m but less than 6.0m height	m ²		
C12.9.2.3	Exceeding 6.0m but less than 9.0m height	m ²		
C12.9.2.4	Exceeding 9.0m but less than 12.0m height	m ²		
C12.9.2.5	Exceeding 12.0m but less than 15.0m height	m ²		
C12.9.3	Disposal of barred down and accumulated debris	m ³ - km		
CHAPTER 20: QUALITY ASSURANCE				
ITEM	DESCRIPTION	UNIT	CATEGORY A	CATEGORY B
SECTION 20	QUALITY ASSURANCE			
PC20.1.6	Provision for commercial laboratory testing			
PC20.1.6 (a)	Actual cost of testing (This Provisional Sum not to exceed R300 000, including Vat, per Works Order)	Prov sum		
PC20.1.6 (b)	Contractor's charges in respect of subitem C20.1.6(a) above	%		
CHAPTER 21: CONTINGENCIES				
ITEM	DESCRIPTION	UNIT	CATEGORY A	CATEGORY B
SECTION 21	CONTINGENCIES			
PC21.1	Allow the sum of up to 10% (ten percent) of the Sub-total of the bills in the Summary of the Bills of Quantities for Contingencies to be spent as the Employer's Agent may direct and to be deducted in whole or in part if not required.	%	10%	10%