

CONTRACT NO :. UMZ/2022-23/INFRA/CAP/020

Centule to Ntshongweni Access Road Maintenance

CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS

SECTION 1300

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13	SECTION 1300 CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS				
13,01	Contractor's general obligations				
	(a) Fixed time obligations	L/sum	1		
	(b) Value-related obligations	L/sum	1		
	(c) Time-related obligations	Month	6		
	(d) Community Liason Officer for Six (6) months	Month	6		
13,02	Health and Safety Compliance	Sum	1		
TOTAL CARRIED FORWARD TO SUMMARY					

CONTRACT NO :. UMZ/2022-23/INFRA/CAP/020
Centule to Ntshongweni Access Road Maintenance
OVERHAUL
SECTION 1600

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
16	SECTION 1600 OVERHAUL				
16,02	(a) Overhaul on material hauled in excess of 1,0 km (ordinary overhaul)	m ³ -km	22500		-
TOTAL CARRIED FORWARD TO SUMMARY					-

CONTRACT NO :. UMZ/2022-23/INFRA/CAP/020
 Centule to Ntshongweni Access Road Maintenance
 DRAINS
 SECTION 2100

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
21	SECTION 2100 DRAINS				
21,01	(a) Excavating soft material situated within the following depth ranges below the surface level: (i) 0m up to 1.5m	m ³	1400		
21,02	Cleaning and shaping of open drains	m2	600		
TOTAL CARRIED FORWARD TO SUMMARY					-

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PREFABRICATED CULVERTS
SECTION 2200

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
22	SECTION 2200 PREFABRICATED CULVERTS				
22.01	Excavation				
	(a)Excavating soft material situated within the following depth ranges below the surface level:				
	(i) 0 m up to 1.5 m	m ³	500		
	(b) Extra over subitem 22.01(a) for excavation in hard material, irrespective of depth	m ³	20		
22.02	Backfilling:				
	(a) Using the excavated material	m ³	10		
	(b) Using imported selected material	m ³	20		
22.03	Concrete pipe culverts:				
	(a) On class A bedding				
	(ii) 600 mm dia. Type 100D	m			
	(iii) 900mm dia. Type 100D	m	75		
22.17	Manholes, catchpits, inlet and outlet structures complete				
	(b) Catchpits, construction complete	No	10		
	©Outlet headwalls	No	10		
22.26	Hand excavation to determine the positions of existing services	m ³			
22,27	Demolition and desposal of existing wingwalls to designated spoil site	m ³			
	The spacing of the Double Headwall or Causeway between the pipes should be half diameter of the pipe				
TOTAL CARRIED FORWARD TO SUMMARY					

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Centule to Ntshongweni Access Road Maintenance

SECTION 2300

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
23.00	SECTION 2300 CONCRETE WORKS				
23.05	Concrete dish drains Class 25MPa/19mm concrete 100mm thick with ref.245 mesh for storm ditch drain to engineer`s drawing specification (1:30) inclusive of formwork, wood float finish, corner rounder and joints.	m ³	27		
23,1	Concrete Slab (b) As per general details 25MPa concrete slab: 150mm thick Reinforcement Steel - Mesh : Ref 245	m ³ m2	20 240		
23,2	Repairing or replacing of existing drainage systems	m ³			
TOTAL CARRIED FORWARD TO SUMMARY					

CONTRACT NO :. UMZ/2022-23/INFRA/CAP/020
Centule to Ntshongweni Access Road Maintenance
BORROW MATERIALS
SECTION 3100

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
31	SECTION 3100 BORROW MATERIALS				
31,03	Finishing-off borrow areas in: (b) Intermediate material	ha	0,49		
TOTAL CARRIED FORWARD TO SUMMARY					

CONTRACT NO : UMZ/2022-23/INFRA/CAP/020 Centule to Ntshongweni Access Road Maintenance MASS EARTHWORKS SECTION 3300					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
33,12	SECTION 3300 Roadbed preparation and the compaction of material: (b) Compaction to 93% of Mod AASTHO density 1.8Km of Virgin and 3.8Km maintenance road	km	5		
TOTAL CARRIED FORWARD TO SUMMARY					

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Centule to Ntshongweni Access Road Maintenance
PAVEMENT LAYERS OF GRAVEL MATERIALS
SECTION 3400

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
34	SECTION 3400 PAVEMENT LAYERS OF GRAVEL MATERIAL				
34,01	cut or borrow, including free haul up to 1,0 km 95% Mod. AASHTO	m ³	5625		
TOTAL CARRIED FORWARD TO SUMMARY					

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PAVEMENT LAYERS OF GRAVEL MATERIALS
SECTION 5100

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
51.01	SECTION 5100 PITCHING, STONework AND PROTECTION AGAINST EROSION Stone Pitching Grouted stone pitching on concrete bed (Thickness 75mm, 15 Mpa):	m ³	200		
TOTAL CARRIED FORWARD TO SUMMARY					

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SECTION	DESCRIPTION	TENDER AMOUNT (R)
1300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS	
1600	OVER HAUL	
2100	DRAINS	
2200	PREFEBRICATED CULVERTS	
2300	CONCRETE DISHDRAINS	
3100	BORROW MATERIALS	
3300	MASS EARTHWORKS	
3400	PAVEMENT LAYERS OF GRAVEL MATERIALS	
5100	PITCHING, STONWORK	
	SUB - TOTAL A	
	Plus 0% Contingencies	
	SUB - TOTAL B	
	Add VAT @ 15%	
	TOTAL TENDER SUM	