

CONTRACT NO :. UMZ/2022-23/INFRA/CAP/019

Ndindindi 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					

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Ndindindi 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					-

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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	1800		
21.02	Cleaning and shaping of open drains	m2	700		
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	55		
	(b) Extra over subitem 22.01(a) for excavation in hard material, irrespective of depth	m ³	23		
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	60		
22.17	Manholes, catchpits, inlet and outlet structures complete				
	(b) Catchpits, construction complete	No	8		
	©Outlet headwalls	No	8		
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				
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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	20		
23.1	Concrete Slab (b) As per general details 25MPa concrete slab: 150mm thick Reinforcement Steel - Mesh : Ref 245	m ³ m2	100 650		
23.2	Repairing or replacing of existing drainage systems	m ³			
TOTAL CARRIED FORWARD TO SUMMARY					

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Ndindindi Access Road Maintenance
BORROW MATERIALS
SECTION 3100

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 3100				
31	BORROW MATERIALS				
31.03	Finishing-off borrow areas in:				
	(b) Intermediate material	ha	0.49		
TOTAL CARRIED FORWARD TO SUMMARY					

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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	5850		
TOTAL CARRIED FORWARD TO SUMMARY					

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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	5.2		
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	100		
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	