

**CONTRACT NO :. UMZ/2022-23/INFRA/CAP/025**

**Semeni 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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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 <sup>3</sup> -km	28000		
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 <sup>3</sup>	1150		
21,02	Cleaning and shaping of open drains	m2	420		
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 <sup>3</sup>	82		
	(b) Extra over subitem 22.01(a) for excavation in hard material, irrespective of depth	m <sup>3</sup>	38		
22.02	Backfilling:				
	(a) Using the excavated material	m <sup>3</sup>	28		
	(b) Using imported selected material	m <sup>3</sup>	40		
22.03	Concrete pipe culverts:				
	<b>(a) On class A bedding</b>				
	(ii) 600 mm dia. Type 100D	m	37,5		
	(iii) 900mm dia. Type 100D	m	7,5		
22.17	Manholes, catchpits, inlet and outlet structures complete				
	(b) Catchpits, construction complete	No	5		
	©Outlet headwalls	No	5		
22.26	Hand excavation to determine the positions of existing services	m <sup>3</sup>	15		
22,27	Demolition and desposal of existing wingwalls to designated spoil site	m <sup>3</sup>	20		
TOTAL CARRIED FORWARD TO SUMMARY					-

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CONCRETE I CONCRETE DISHDRAINS

SECTION 2300

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
23.00	SECTION 2300 CONCRETE DISHDRAINS				
23.05	Reparing or replacing of existing drainage system	m <sup>3</sup>	20		
23,1	<b>Concrete Slab</b> Class 25MPa/19mm concrete 100mm thick with ref.245 mesh for dish drain to engineers drawing specification (1:30) inclusive of formwork,wood float finish. corner round and joints.	m <sup>3</sup>	225		
TOTAL CARRIED FORWARD TO SUMMARY					-

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**BORROW MATERIALS**

**SECTION 3100**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
31	SECTION 3100				
31,03	BORROW MATERIALS				
	Finishing-off borrow areas in:				
	(b) Intermediate material	ha	0,9		
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	km	4		
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	m³	8786		
TOTAL CARRIED FORWARD TO SUMMARY					-



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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
51.01	SECTION 5100				
	Stone Pitching				
	b) Grouted Pitching	m³	500		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>					-