

**UMZIMVUBU LOCAL MUNICIPALITY
CONSTRUCTION OF EMAXESIBENI MUNICIPAL HALL PARKING AREA**

SECTION 1:PRELIMINARY AND GENERAL

Item No	Payment Ref	Description	Unit	Qty	Rate	Amount
	SABS 1200A	PRELIMINARY AND GENERAL				
A1	8.3	FIXED CHARGES				
A1.1	8.3.1	Contractual Requirements	Sum	1		
A1.2.6	PSAB2.2	Survey equipment	Sum	1		
A1.3	8.3.2.2	Facilities required by Contractor				
A1.3.1		Offices and storage sheds, workshops and laboratories; Living accommodation, ablution and latrine facilities; Tools and equipment; Water supplies, electric power and communications.Made COVID-19 Safe	Sum	1		
A1.3.2		Fixed Charge Item for the preparation of risk assessments that includes COVID-19, safe work procedures, the project H&S File, the COVID-19, H&S plan, the provision of PPE and protective clothing that comply to COVID-19 requirements, and any other H&S,COVID-19 matters that the contractor deems necessary	Sum	1		
A1.3.3		Fixed Charge Item for completing and checking the Project H&S,COVID-19 File and handing over to the Client on completion of the works.	Sum	1		
Total Carried Forward						

Item No	Payment Ref	Description	Unit	Qty	Rate	Amount
Brought Forward						
A1.3.4	8.3.3	General responsibilities and other fixed-charge obligations	Sum	1		
A1.3.5	8.3.4	Removal of Site establishment on Completion	Sum	1		
A2	8.4	TIME RELATED CHARGES				
A2.1	8.4.1	Contractual requirements	Sum	1		
	8.4.2.1	Facilities for Engineer				
	PSAB2.1	Laptop Computer and Printer , with operating software and applications as specified by the engineer.	Sum	3		
	PSAB2.2	Survey equipment	Sum	1		
A2.2	8.4.2.2	Facilities for Contractor				
A2.3		Operation and Maintenance of contractor's facilities on site for the duration of the construction.	Sum	1		
Total Carried Forward						

Item No	Payment Ref	Description	Unit	Qty	Rate	Amount
Brought Forward						
A2.6	PZ 2.8	Company and Head Office overhead for the durartion of the construction	Sum	1		
A2.7		Time Related Item for updating and amending the risk assessments, safe work procedures, the project H&S, COVID-19 File, the COVID-19 H&S plan, the provision of PPE and protective clothing that comply to COVID-19 requirements and any other H&S, COVID-19 matters that the contractor deems necessary	Sum	1		
A2.8		Time Related Item for full compliance with all H&S, COVID-19 matters during the construction of the works under the Contract	Sum	1		
A2.9		Environmental Management Plan Compliance	Sum	1		
A2.10	8.4.5	General responsibilities and other time related obligations	Sum	1		
Temporary Works						
A2.12	8.4.5	Dealing with sub-surface water	Sum	1		
A2.13		Dealing with surface water	Sum	1		
A2.14		Accommodation of Traffic	Sum	1		
A2.15		Allow for providing access to all erven and properties	Sum	1		
Total Carried Forward						

Item No	Payment Ref	Description	Unit	Qty	Rate	Amount
Brought Forward						
A3	8.5	SUMS STATED PROVISIONALLY BY ENGINEER				
A3.6		Social Facilitation				
A3.6.1		(a) Social Facilitation by nominated service provider	Prov Sum	1.00		R50,000.00
A3.6.2		(b) Percentage mark-up on item (a) above for contractor's overheads, administration charges and profit	%			
Total Carried Forward						

Item No	Payment Ref	Description	Unit	Qty	Rate	Amount
Brought Forward						
A4	8.7	DAYWORKS				
A4.1	PSAB2.5	Dayworks				
A4.1.1	8.7.1	Labour				
		a) Skilled	hr	10		
		b) Semi-skilled	hr	10		
		c) Un-skilled	hr	10		
A4.1.2		Plant				
		Rates shall be deemed to include the cost of transpotation and delivery of plants to site				
	8.7.2	Tipper Trucks				
		a)Capacity 6m³ (small)	hr	10		
		b)Capacity 10m³ (medium)	hr	10		
		c)Capacity 15m³ (large)	hr	10		
	8.7.2	LDV				
		a) LDV 1ton	km	360		
	8.7.2	Water Tankers				
		a)Capacity 2000liter (small, towable)	hr	10		
		b)Capacity 10000liter (medium)	hr	10		
		c)Capacity 15000liter (large)	hr	10		
	8.7.2	Loaders				
		a)Capacity 5ton (small)	hr	10		
		b)Capacity 10ton (medium)	hr	10		
		c)Capacity 15ton (large)	hr	10		
	8.7.2	Graders				
		a)Model 150kw	hr	10		
		b)Model 200kw	hr	10		
	8.7.2	Bulldozers				
		a)Model D4 (small)	hr	10		
		b)Model D6 (medium)	hr	10		
		c)Model D8 (large)	hr	10		
	8.7.2	TLB				
		a)Model 8 ton 2x4 drive	hr	10		
		b)Model 8 ton 4x4 drive	hr	10		
	8.7.2	Rollers				
		i)Self propelled vibrating rollers (smooth drum)				
		a)Mass 10ton (medium)	hr	10		

Total Carried Forward	
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Item No	Payment Ref	Description	Unit	Qty	Rate	Amount		
Brought Forward								
A4.1.3		ii) Self propelled vibrating rollers (padfoot)						
		a) Mass 10ton (medium)	hr	10				
		b) Mass 15ton (large)	hr	10				
		iii) Pneumatic tyred rollers						
		a) Mass 10ton (medium)	hr	10				
		b) Mass 15ton (large)	hr	10				
		iv) Walk behind rollers (specify model)						
		a) Model 650kg (small)	hr	10				
		b) Model 900kg (medium)	hr	10				
		c) Model 1200kg (large)	hr	10				
		8.7.2	Compactors					
		a) Plate Compactor	hr	10				
		b) Wacker	hr	10				
		8.7.2	Concrete Mixers					
		a) Volume 100liter (small, towable)	hr	10				
		b) Volume 300liter (medium)	hr	10				
		c) Volume 500liter (large)	hr	10				
		8.7.2	Compressors					
		a) Capacity 140cfm (small)	hr	10				
		b) Capacity 175cfm (medium)	hr	10				
		c) Capacity 250cfm (large)	hr	10				
		8.7.2	Waterpumps					
		a) Capacity 20 liter/sec (small)	hr	10				
		b) Capacity 50liter/sec (medium)	hr	10				
		c) Capacity 100 liter/sec (large)	hr	10				
				Materials:				
				a) Allow provisional sum for materials	Prov Sum	1		R 20,000.00
				b) Allow additional markup to net cost of materials on item A4.1.3	%			
		A4.2		Special testing of materials and workmanship:				
		A4.2.1		Cost of testing	Prov Sum	1		R 20,000.00
A4.2.2		Percentage mark-up on Item A4.2.1	%					
TOTAL CARRIED FORWARD TO SUMMARY								

AREA SECTION 2: SITE CLEARANCE

TOTAL CARRIED FORWARD TO SUMMARY

SECTION 3: EARTHWORKS

Item NO	Payment Ref	Description	Unit	Qty	Rate	Amount R
3	SABS 1200 DM	EARTHWORKS (Parking, Subgrade)				
3.1 3.1.1	8.3.2	TOPSOIL Remove topsoil (200mm) to stockpile /spoil on site including levelling and spreading as directed by the Engineer	m³	2		
3.2 3.2.1 3.2.2 3.2.3 3.4	8.3.3	TREATMENT OF ROADBED a) Road bed preparation and compaction of material b) Subgrade material, replace and compact to 93% mod AASHTO c) Subgrade material, replace and compact to 100% mod AASHTO d) Treat roadbed in intermediate or hardrock material by ripping and compaction	m³ m³ m³ m³	 10.83 5.40 1		
4	8.3.2	STORMWATER CHANNELS Excavate in all material for 1,2 m wide x 0,1 m deep for V shaped stormwater channel	m³	3,2		
	8.3.7	Cut to spoil or stockpile : b) Intermediate excavation	m³	2		
TOTAL CARRIED FORWARD TO SUMMARY						

SECTION 4: SUB BASE

Item No	Payment Ref	Description	Unit	Qty	Rate	Amount
4	SABS 1200ME	SUB-BASE				
4.1	8.3	Construct gravel subbase 150mm thick as follows:				
4.2	8.3,2	(a) With material from in-situ material and compact to 95% Mod AASHTO (Min G5)	m³	101		
4.3	8.3.2	(a) With material from commercial sources and compact to 95% Mod AASHTO (Min G5)	m³	10		
4.4	8.3.2	(b) With material from borrow pit and compact to 95% Mod AASHTO (Min G5)	m³			Rate Only
4.4.1		Stabilise sub-base layer using 4% cement	m³			Rate Only
4.4.2		Stabiling Agent	t			Rate Only
4.5	8.3,9	Overhaul (haul exceeding 2km (provisional)	m³	1000		
TOTAL CARRIED FORWARD TO SUMMARY						

PARKING AREA SECTION 5: BASE

CARRY TO SUMMARY

AREA SECTION 6: PARKING SURFACING

Item NO	Payment Ref	Description	Unit	Qty	Rate	Amount R
	SABS 1200	SECTION 6				
6	MH	ASPHALT SURFACING				
6.1	8.2.1	PRIME COAT Apply prime coat of 30% stable grade emulsion at 0,8 l/m ² (Colprime E)	m ²	1400		
6.2	8.5.3	TACK COAT Apply tack coat of 30% stable grade emulsion at 0,8 l/m ² (Anionic Mix 60%)	m ²			
6.3	8.5.4	PREMIX Supply and lay a premix wearing course of continuously graded asphalt (TPA -Medium) using 50/70 bitumen binder (smoothness accuracy iii.to Clause 6.3.6) for thickness: 30 mm	m ²	1400		
TOTAL CARRIED FORWARD TO SUMMARY						

SECTION 7: ANCILLARY ROADWORKS

TOTAL CARRIED FORWARD TO SUMMARY

ITEM	PAYMENT	DESCRIPTION	Amount
NO	Ref		
		SUMMARY OF ITEMS	
		SECTION 1:PRELIMINARY AND GENERAL	
		SECTION 2: SITE CLEARANCE	
		SECTION 3: EARTHWORKS	
		SECTION 4: SUB BASE	
		SECTION 5: BASE	
		SECTION 6: PARKING SURFACING	
		SECTION 7: ANCILLARY ROADWORKS	
		SUBTOTAL	
		CONTINGENCIES (5%)	
		VAT (15%)	
		TOTAL TENDER AMOUNT	