

UMDONI LOCAL MUNICIPALITY

Upgrade of Emaromeni Access Road (Ward 14) from Gravel to Asphalt Surface

Contract No**SECTION 1 : FIXED CHARGE AND VALUE RELATED ITEMS**

Item	Description	Unit	QTY	Rate	Amount R
C1.0	GENERAL				
C1.2	GENERAL REQUIREMENTS AND PROVISIONS				
C1.2.3.11	Other road maintenance work ordered by the Engineer	Prov Sum	1.00	10,000.00	R 10,000.00
C1.2.3.12	Handling cost, profit and all other charges in respect of item C1.2.3.11	%	5.00	R 10,000.00	R 500.00
C1.2.5	Safety:				
C1.2.5.1	Health and safety plan	Lump Sum	1	15,000.00	R 15,000.00
C1.2.5.2	Implementation of health and safety plan	month	8.00		R -
	Audit ordered by Engineers for Health and Safety	Prov Sum	1.00	48,000.00	R 48,000.00
C1.2.1	Environmental Management				
C1.2.1.1	Monitoring of compliance with and reporting on the EMP	month	8		R -
C1.2.1.2	Audit ordered by Engineers for Environmental	Prov Sum	1	64,000.00	R 64,000.00
C1.2.8	Dayworks				
C1.2.8.1	Personnel				
	(a) Unskilled labour	h	350		
	(b) Semi-skilled labour	h	150		
	(c) Skilled labour	h	100		
	(d) Gang leader	h	25		
	(e) Foreman	h	50		
C1.2.8.2	Construction Equipment				
	(a) Grader (CAT 140G or similar approved)	h	450		
	(b) Vibratory Roller (Bomag 212 or similar approved)	h	350		
	(c) Pneumatic Roller (Bomag BW 90 or similar approved)	h	250		
	(e) Backhoe TLB type (CAT 428 or equivalent)	h	200		
	(f) Excavator	h	400		

	(g) Compressor	h	375			
	(l) Water truck (5000 litres)	h	100			
	(i) Tipper truck, 6.0m3	h	200			
C1.2.8.4	Materials					
	(a) Procurement of materials	P C Sum	1	20,000.00	R	20,000.00
	(b) Contractors handling cost, profit and all other charges in respect of subitem C1.2.8.4(a)	%	2.5	20,000.00		
C1.2.10	Compensation for Community Liaison Officer					
	(a) Provisional sum for the payment of the Community Liaison Officer	Month	8	7,200.00	R	57,600.00
	(b) Handling cost and profit in respect of B12.03(a) above	%	5	57,600.00		
Total Carried Forward To Summary						
C1.3	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS					
C1.3.1	Contractor's general obligations:					
C1.3.1.1	(a) Fixed obligations	L Sum	1	100,000.00	R	100,000.00
C1.3.1.2	(b) Value-related obligations	L Sum	1	75,000.00	R	75,000.00
C1.3.1.3	(c) Time-related obligations	Month	8			
C1.3.2	Contract sign boards	No	2			
PSC1.3.3	Provision of As Built Survey	Prov Sum	1	25,000.00	R	25,000.00
Total Carried Forward To Summary						
C1.4	FACILITIES FOR THE ENGINEER					
C1.4.1	Site Accommodation					
C1.4.1.1	Offices and conference room	m²	20			
C1.4.1.6	Car ports	No	2			
C1.4.1.7	Ablution unit (VIP flushing)	No	2			
C1.4.2	Items measured by area					
C1.4.2.9	White boards	m²	2.5			
C1.4.2.11	Galvanised wire mesh storeroom gate with a padlock	m²	0			
C1.4.3	Items measured by number					
C1.4.3.1	Office swivel chair	No	1			
C1.4.3.2	Office chair (plastic)	No	5			

C1.4.3.3	Office desk with 3 drawers (at least onelockable drawer)	No	1		
C1.4.3.8	Conference table	No	1		
C1.4.3.11	General purpose steel cabinet with shelves	No	1		

C1.4.3.13	220/250-volt power outlet plug point	No	3			
C1.4.3.15	Single 1 500 mm, 58-watt fluorescent tube ceiling light	No	3			
C1.4.3.23	Fire extinguisher 9,0 kg, dry powder type	No	2			
C1.4.3.24	Air-conditioning unit	No	1			
C1.4.3.28	UPS / Voltage stabiliser	No	2			
C1.4.3.29	A3 / A4 colour printer, copier, scanner	No	1			
C1.4.3.30	A4 colour printer, copier, scanner	No	0			
C1.4.3.31	Rain gauge	No	1			
C1.4.3.36	Measuring wheel	No	1			
C1.4.3.37	First aid kit	No	1			
C1.4.4	Prime cost items					
C1.4.4.5	The provision of server, internet connectivity and WIFI data for Engineer's site staff	P/Sum	1			
C1.4.4.6	Handling cost and profit in respect of item C1.4.4.5	%	2.5			
C1.4.5	Services at site offices, laboratories and site accommodation					
C1.4.5.1	Fixed costs	L/Sum	1			
C1.4.5.2	Running costs	Month	8			
C1.4.6	Office Staff					
C1.4.6.2	Technical assistant (ARE)	Month	8	12,500.00	R	100,000.00
Total Carried Forward To Summary						
C1.5	ACCOMMODATION OF TRAFFIC					
C1.5.2	Accommodation of vehicular traffic	month	8			
C1.5.11	Provision of safety equipment for visitors					
	(a) Rotating amber flashing lights magnetically attached to vehicles	No	5			
C1.5.11.1	Provision of reflective safety vests for visitors	No	10			
C1.5.11.2	Provision of hard hats for visitors	No	5			
C1.5.7	Temporary traffic control facilities:					
C1.5.7.1	Delineators including mounting bases and ballast:					
C1.5.7.1 (a)	Single sided, reversible left or right (size indicated)	No	50			

C1.5.7.1 (b)	Double sided, reversible left or right (size indicated)	No	50		
C1.5.7.2	Traffic cones, minimum height 750 mm	No	20		
C1.5.7.3	Flagmen	man-shift	1300		
Total Carried Forward To Summary					
C2.0	SERVICES				
C2.1	GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES				
C2.1.1	Location, identification, protection and relocation of existing services:				
C2.1.1.4	Permanent services relocation or protection work by the Contractor	Prov Sum	1	325,000.00	R 325,000.00
Total Carried Forward To Summary					
C20.1	TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP				
C20.1.2	Special tests requested by the Engineer				
C20.1.2.2	Employer's contribution to other special tests				
	(a)Specify test	PC Sum	1	20,000.00	R 20,000.00
	(a.i)Handling costs and profit in respect of item C20.1.2.2(a)	%	5	20,000.00	
	i) Acceptance testing	Prov Sum	1	50,000.00	R 50,000.00
C20.1.3	Providing testing equipment				
	(c) Straight edge – 3m long	No	1		
	(e) Electronic minimum and maximum thermometer	No	1		
PSC20.1.4	Quality Control Testing of materials by the Contractor	Sum	1	50,000.00	R 50,000.00
Total Carried Forward To Summary					