

REPUBLIC OF KENYA

MINISTRY OF HEALTH

PROPOSED CIVIL WORKS

AT

KENYA MEDICAL TRAINING COLLEGE - KILUNGU

TENDER NO:.....

PREPARED BY:

**REGIONAL WORKS OFFICE
MAKUENI SUB-COUNTY
STATE DEPARTMENT FOR PUBLIC WORKS
P. O. BOX 87 - 90300
MAKUENI**

ITEM	DESCRIPTION	UNIT	QTY	UNIT RATE	AMOUNT (KSHS)
<u>ELEMENT NO. 01: PRELIMINARIES</u>					
A	General preliminaries, mobilization and demobilization of plants, tools and equipment	Item			
<i>Total carried forward to summary page</i>					-
<u>ELEMENT NO. 02: SITE CLEARANCE AND TOP SOIL STRIPPING</u>					
B	Clear site on road reserve including removal of trees, hedges, bushes and other vegetation and other deleterious materials, grub up roots and backfill to 100% MDD (AASHTO T99) with approved material in accordance with the Special Specifications	M ²	2,400		-
C	Remove trees of upto 2M girth and transport the logs to as directed by the Engineer	No	20		-
D	Top soil removal to a maximum depth of 200mm along alignment or material sites including removal of grass and other vegetation as shall be directed by the Engineer Stockpile top soil for re-use.	M ³	450		-
<i>Total carried forward to summary page</i>					-
<u>ELEMENT NO.03: EARTH WORKS</u>					
No separate payments shall be made for the overhaul of material and the cost of such haulage shall be included in the rates and or price					
E	Fill in soft material for embankment to 95% MDD (AASHTO T99) as directed by the Engineer	M ³	1,150		
F	Provide,place and compact rock fill including filling of voids with approved quarry waste(quarry chips) and as instructed by the Engineer.	M ³	150		-
G	Cut to spoil in Soft material	M ³	800		-
H	Excavate in hard material and store the excavated material for re-use as directed by the Engineer.	M ³	80		-
I	Compact 150mm layer below embankment or subgrade to 95% MDD (AASHTO T.99)	M ³	90		-
J	Compact 300mm below formation in cutting to 100% MDD (AA SHTO)	M ³	90		-
<i>Total carried forward to summary page</i>					-
<u>ELEMENT NO. 04: EXCAVATION AND FILLING FOR STRUCTURE</u>					
NOTE:No separate payment shall be paid for the haulage of spoil material					
K	Provide and place 150 mm thick paving	M ²	1,200		-
L	E.O item for 1:4 cement: sand mortar grouting to item 7.01 as directed	M ²	1,200		-
<i>Total carried forward to summary page</i>					-

ITEM	DESCRIPTION	UNIT	QTY	UNIT RATE	AMOUNT(KSHS)
<u>ELEMENT NO. 05: CULVERTS AND DRAINAGE WORKS</u>					
No separate payment shall be made for the haulage of surplus or unsuitable excavated material and the cost of such haulage shall be included in the rates and/or price					
A	Excavate for culverts and subsoil drains in any material(soft material or in murrum)	M ³	180		-
B	Excavate for mitre, catchwater and outfall drains in soft material	M ³	120		-
C	E.O Item 8.01 to 8.02 for excavation in hard material	M ³	70		-
D	Provide and place Class 25(20) concrete to headwalls, wingwalls and aprons, to pipe culverts including formwork and provisions and placing of reinforcements as shown in the drawings	M ³	50		-
E	Provide and place A142 fabric mesh reinforcement to item 8.05	M ²	200		-
F	Provide, place and compact class 15(20) concrete to beds, surrounds and haunches	M ³	40		-
G	Provide and lay 600mm I.D (internal diameter) concrete pipes	M	100		-
H	Ditto as above but 900mm	M	20		-
I	Ditto as above but 450mm	M	10		-
J	Excavate in any material provide and joint 600x360 mm invert block drains (IBD) precast concrete channels with two precast side slabs (on either side of the drain) of 600x225x75 mm as lining for stormwater drain including bedding and backfilling with selected material as directed by the engineer.	M	100		-
K	Extra over for item J above for precast side slabs of 600x225x75mm.	M ²	300		-
L	Excavation in any material for gabions	M ³	100		-
M	Provide and place 2x1x1 macaferrri or equivalent gabion boxes and mattresses as specified	No	50		-
N	Provide and place rockfill to gabions	M ³	80		-
O	Provide, place and compact rockfill below structures as directed by the Engineer	M ³	40		-
Total carried forward to summary page					-
<u>ELEMENT NO. 06: NATURAL MATERIAL BASE AND SUBBASE</u>					
The rate inserted should include the procurement, haulage, winning, mixing in stabilizer, spreading, watering, laying by paver and compaction					
P	Provide, place and compact Natural gravel subbase as directed by the Engineer	M ³	180		-
Q	Provide, place and compact hand packed hardcore base in pavement and repair areas including filling of voids with quarry dust as directed by the Engineer.	M ³	600		-
Total carried forward to summary page					-
<u>ELEMENT NO. 07: FURNITURE</u>					
R	Excavate for, provide, lay and joint 250x125mm precast concrete raised or ramped kerb haunched in 100mm thick class 15/20 concrete base bending and mortar joined in support to carriageway, busbays and junctions as directed by the Engineer				
S	Straight Kerbs	M	200		-
T	Straight Channel (125x100mm)	M	200		-
Total carried forward to summary page					-
<u>ELEMENT NO. 08: CONCRETE PAVING SLABS</u>					
U	Supply, lay and compact 600mmX600mm 50mm thick precast concrete paving slabs with a 49 N/mm ² Cube crushing strength conforming to BS 6717 Part 1 of 1986 or Kenya Bureau of Standard equivalent including 30mm thick sand/quarry dust bed	M ²	300		-
V	Supply, lay and compact 80mm thick precast concrete paving blocks with a 49 N/mm ² Cube crushing strength conforming to BS 6717 Part 1 of 1986 or Kenya Bureau of Standard equivalent including 20mm thick rock sand/quarry dust bed	M ²	600		-
Total for Bill 23 Carried to summary Page					-

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
	<u>ELEMENT NO. 09: PROVISIONAL SUMS</u>				
A	Allow for a provisional Ksh.400,000(Four Hundred Thousand Shillings only) for Project management		Item		400,000.00
B	Allow for a provisional Ksh.350,000(Three Hundred and Fifty Thousand Shillings only) for Project management		Item		350,000.00
	<i>Total carried forward to summary page</i>				<u>750,000.00</u>

SUMMARY PAGE

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT (KSHS)
A	Element No. 01: Preliminaries				
B	Element No. 02: Site clearance				
C	Element No. 03: Earthworks				
E	Element No. 04: Excavation and filling for structures				
E	Element No. 05: Culvert and drainage works				
F	Element No. 06: Natural Material Base and Sub-base				
G	Element No. 07: Furniture				
H	Element No. 08: Concrete Paving Slabs				
I	Element No. 09: Provisional sums				
	Sub Total 1				
	Add 2.5% Contingencies				
	Sub Total 2				
	Add 16% V.A.T				
	TOTAL TENDER SUM				

Tenderer's Sign

OFFICIAL STAMP