	PROPOSED HEAVY GRAVELLING OF VITSAKAVIIRI -MWABILA ROAD IN MWAVUM			
BILL OF QUANTITIES: No.1 PRELIMINARIES & GENERAL ITEMS				
ITEM	**DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT RATE (Kshs)**
1.01	Allow Ksh. 15,000 for Material testing and reagents for the contract duration	PC Sum	1.000	**15,000**
1.02	E.O. item 1.01 for Contractor's overheads and profits.	% of item		
1.03	Provide, erect and maintain publicity signs as directed by the Engineer.	No.	2.000	
	Bill No. 1 Total Carried Forward to Grand Summary			
BILL OF QUANTITIES: No.8 CULVERTS & DRAINAGE WORKS				
	Note: No separate payments shall be made for gravel, for blinding, hauling to spoil unsuitable excavation materials, reinforcement of conrete, excavations and Backfilling of culverts with gravel and the cost of such shall be included in the rates and prices			
8.01	Provide, lay and join 600mm inner dia concrete culverts and place and compact class 20/25 concrete for surround,headwalls,wingwalls,aprons,and toewalls to pipe culvert including all form work and the provision and placing of reinforcement as shown in the drawings	Mt	56.000	
	Bill No. 8 Total Carried Forward to Grand Summary			
BILL OF QUANTITIES: No.10 GRADING & GRAVELLING WORKS				
ITEM	**DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT RATE (Kshs)**
	Note: No overhaul will be paid for separately under these items as it shall be deemed to have been included in the Contractor's rates			
10.01	Heavy grading without watering and compaction as instructed by the Engineer	m^2	76500.000	
10.02	Provide gravel wearing course including watering and compaction, free haul, haulage to approaches of the structure	m^3	800.000	
	Bill No. 10 Total Carried Forward to Grand Summary			

BILL OF QUANTITIES: No.17 CONCRETE WORKS (BURRIED Drift 15x6)m At 5+400

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE (Kshs)
17.01	Provide, place and compact class 20/20 concrete for (15 x 6)m drift in accordance with the specifications including retaining walls, partion, toe walls and aprons, excavation and bedding or as directed by the Engineer	m^3	35.000	
17.02	Provide A142 BRC Mesh Reinforcement to specifications	m^2	180.000	
17.03	Provide hardcore material to be laid to drift as per Engineer's instructions(rates to include blinding for hardcore)	m^3	30.000	
17.04	Provide reinforced concrete marker posts with reflective paint as directed by the Engineer	m	6.000	
17.05	Provide selected gravel backfill material for the drift	m^3	200.000	
	Bill No. 17 Total B Carried Forward to Grand total			
	BILL OF QUANTITIES: No.22 SCHEDULE OF DAYWORKS			
	The rates inserted herein are to include all operational and Maintenace costs, fuel, oil, grease, drivers/operators wages, supervision, overheads and profit. Only time actually employed upon the work will be paid for and the rates should include for idle time, travelling time and overtime, In accordance with clause 2202 (a) of the specifications. Note: All items of plant must be priced.			
22.01	Provide Dozer D6 for Bush clearing,river training, diversion of water from works, backfilling of gullies/eroded areas, drain excavations as instructed by the Engineer (rates to include disposal of excavated material to approved sites)	Hrs	56.000	
	Bill No. 17 Total Carried Forward to Grand Summary			

BILL OF QUANTITIES: No.25 ENVIRONMENTAL MITIGATION

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT RATE (Kshs)
25.01	Allow Kshs 80,000 for Environmental and Social Impact Assessment(ESIA) Study/Summary Project Report and Environmental Management Plans as per the Directions by the Engineer	Sum	1.00	**80,000**
25.02	E.O item 25.01 for contractor's overhead and profit	%		
25.03	Allow Kshs 100,000 for Soil Erosion and Mitigation Measures as priced in the appendix attached or as per the Directions by the Engineer	PC sum	1.00	**100,000**
25.04	E.O item 25.03 for contractor's overhead and profit	%		
	Bill No. 25 Total Carried Forward to Grand Summary			

	SUMMARY			
ITEM	DESCRIPTION			
1	Preliminaries and General Items			
8	Culverts and Drainage works			
10	Grading & graveling works			
17	Concrete Works			
22	Schedule of Dayworks			
25	Environmental and Social Impact mitigation measures			
(A)	Sub-total (1)			
(B)	Add …16% VAT of sub-total (1)			
	GRAND TOTAL CARRIED FORWARD TO FORM OF BID			

BIDDER'S AUTHORISED REPRESENTATIVE

NAME: ……

TITLE: ……

SIGN: ……

STAMP: ……

DATE: ……

IBO WARD
TOTAL
15,000.00
TOTAL

TOTAL
TOTAL
80,000.00
100,000.00

AMOUNT KSHS.

.....

.....

.....

.....

.....