UPGRADING OF TSEIKURU TOWN ROADS TO BITUMEN STANDARDS

Summary of Bills of Quantities

Item No.	Description	Amount (KShs)
1	General: Office Administration and Overheads/Preliminaries	2,462,950.00
4	Site Clearance	
5	Earthworks	
8	Culverts and Drainage Works	
9	Passage of Traffic	
12	Base and Sub-Base Repair	
14	Cement and Lime Treated Base and Subbase Material	
15	Bituminous Surface Treatment and Surface Dressing	
16	Bituminous Mixes	
20	Road Furniture	
25	Cross Cutting Issues	
	Sub Total 1	
	Add V.A.T. @ 16%	
	Sub Total 2	
	Add 0.03% for Public Procurement Capacity Building Levy order 2023 (The levy order 2023)	
	Total Carried to page on the Form of Tender	

Amount in words:

Tender's Name:.....

Signature:.....

Date:.....

Witness: Name and Signature:.....

Description:.....

Adress:.....

Date:.....

Tender Name: UPGRADING OF TSEIKURU TOWN ROADS TO BITUMEN STANDARDS

BILLS OF QUANTITIES **Region** Tseikuru *Length = 1.48 Km*

Activity Group Title **Road Code** Urban Road

Bill No.	ITEM CODE	DESCRIPTION	Quantity	UNIT	Unit Bid RATE (KShs)	Bill Item Cost without VAT (KSHs)	Technology
		BILL 1: GENERAL PRELIMINARIES					
1	01-50-003	Transport Operation Expenses	1.00	SUM	250,000.00	250,000.00	*LB-MB*
1	01-80-010	Allow a prime cost of sum for material testing as directed by the Engineer	1.00	PC Sum	80,000.00	80,000.00	*LB-MB*
1	01-80-011A	Extra over 01-80-010A for profts and overheads	100,000.00	%	10%	10,000.00	
1	01-80-012	Allow a prime cost sum for removal and reinstatement of services	1.00	PC Sum	100,000.00	100,000.00	*LB-MB*
1	01-80-013	Extra over item 01-80-012 for profits and overheads	100,000.00	%	10%	10,000.00	
1	01-80-016	Provide and erect publicity signs as directed by the Engineer	1.00	SUM	50,000.00	50,000.00	*LB-MB*
1	01-80-026	Allow a prime cost sum for Engineer's miscellaneous account to be used for field allowances by Project management team, stationery, airtime, internet, working tools (tape measures, safety gears etc), and other similar project-related expenses as detailed in appendix A	1.00	PC Sum	584,300.00	584,300.00	*LB-MB*
1	01-80-027	Extra over 01-80-026 for profits and overheads	584,300.00	%	10%	58,430.00	
1	01-80-030	Allow a prime cost for attendance to the RE,s supervisory staff including overtime as detailed in appendix B	1.00	PC Sum	900,200.00	900,200.00	*LB-MB*
1	01-80-031	Include percentage of PC sum in item 01-80-030 for contractors overhead and profit	900,200.00	%	10%	90,020.00	

Bill No.	ITEM CODE	DESCRIPTION	Quantity	UNIT	Unit Bid RATE (KShs)	Bill Item Cost without VAT (KSHs)	Technology
BILL 4: SITE CLEARANCE							
4	04-60-001	Clear site on road reserve including removal of trees, hedges, bushes and other vegetation or deterious organic material, grub up roots and back fill to 100% MDD (AASHTO T99) with approved material in accordance with the	10.00	Ha			*MB*
4	04-50-015	Remove and store for re-use Street Lighting fittings including electricity poles, cables and control pillars	1,000.00	M			*LB-MB*
4	04-60-006	Demolish buildings, structures & fences & dispose off materials	100,000.00	LS			*LB-MB*
Total Carried Forward to Summary							
BILL 5: EARTHWORKS							
5	05-50-006	Fill in soft material and compact	1,100.00	M^3			*MB*
5	05-50-007	Fill in hard	100.00	M^3			*MB*
5	05-50-008	Cut to spoil in soft	800.00	M^3			*MB*
5	05-50-009	Cut to spoil in hard	80.00	M^3			*MB*
5	05-50-016	Scarify water and compact existing ground to at least 95%MDD(AASHTO T99)	1,500.00	M^3			*MB*
Total Carried Forward to Summary							

Bill No.	ITEM CODE	DESCRIPTION	Quantity	UNIT	Unit Bid RATE (KShs)	Bill Item Cost without VAT (KSHs)	Technology
BILL 8: CULVERTS AND DRAINAGE WORKS							
8	08-60-033	Provide , lay and join 600mm inner dia concrete pipes	28.00	MT			*LB-MB*
8	08-70-001	Stone pitching	630.00	M^2			*LB*
8	08-70-043	Excavate for,provide,lay and joint 300mm IBD with 2 courses of side slabs on either side.	350.00	MT			*LB*
8	08-90-003	Excavation in soft material for pipe culverts, headwalls, wingwalls, apron, toe walls and drop inlets and compact as specified or as directed by the Engineer	12.00	M^3			*LB*
8	08-90-008	Provide and place class 15/20 concrete to beds	9.20	M^3			*LB*
8	08-90-009	Provide and place class 25/20 concrete to headwalls, wing walls, aprons, sorrounds to walls, inlets and outlets to ipe culverts including formwork	16.5	M^3			*LB-MB*
Total Carried Forward to Summary							
BILL 9: PASSAGE OF TRAFFIC							
9	09-60-001	Allow for the passage of traffic through the works	100000	SUM			*LB*
9	09-60-004	Provide signs and barriers in accordance with clause 907 of the standard specifications	50000	SUM			*LB*
Total Carried Forward to Summary							

Bill No.	ITEM CODE	DESCRIPTION	Quantity	UNIT	Unit Bid RATE (KShs)	Bill Item Cost without VAT (KSHs)	Technology
BILL 12: NATURAL MATERIAL BASE AND SUBBASE							
12	12-50-002	Provide, place, spread and compact natural gravel for Subbase	1,813.00	M^3			*MB*
12	12-50-003	Provide, place, spread and compact natural gravel for Base	1,443.00	M^3			*MB*
Total Carried Forward to Summary							
BILL 14:CEMENT AND LIME TREATED BASE AND SUB-BASE MATERIAL							
14	14-50-001	Provide, transport, spread, cement Stabilizer on natural material(Base)	57.00	Tonne			*MB*
14	14-50-003	Mixing in cement/lime stabilizer into natural gravel	1,443.00	M^3			*MB*
14	14-50-004	Curing and protection of treated layers(Subbase and Base)	8,880.00	M^2			*LB-MB*
Total Carry Forward to Summary							

Bill No.	ITEM CODE	DESCRIPTION	Quantity	UNIT	Unit Bid RATE (KShs)	Bill Item Cost without VAT (KSHs)	Technology
BILL 15: BITUMINOUS SURFACE TREATMENT AND SURFACE DRESSING							
15	15-92-001	Provide and Spray MC 30 cut-back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8-1.2 lts/m2 as prime coat	10,656.00	L			*LB-MB*
Total Carried Forward to Summary							
BILL 16: BITUMINOUS MIXES							
16	16-50-014	Provide,lay and compact of 35mm Asphalt Concrete type 1 wearing course to carriageway	310.00	M^3			*MB*
16	16-80-003	Provide and spray K-160 as tack coat at a rate of 0.8-1.0 L/sq metre as directed by the Engineer	8,880.00	L			*LB-MB*
Total Carried Forward to Summary							
BILL 20: ROAD FURNITURE							
20	20-50-015	Provide Speed hump construction with Asphalt concrete	7.50	M^3			*LB-MB*
20	20-50-066	Provide lay and join precast concrete channels	1,050.00	MT			*LB-MB*
20	20-70-002	Provide and erect warning type signs 750mm size	2.00	No.			*LB*
20	20-70-004	Provide and erect standard informatory signs 400*300 mm	2.00	No.			*LB*
20	20-70-010	Paint 0.1m wide themoplastic yellow centreline on the road as specified	130.00	M^2			*LB-MB*
20	20-70-011	Paint 0.1m wide themoplastic white lines on road	290.00	M^2			*LB-MB*
Total Carried Forward to Summary							
BILL 25: CROSS CUTTING ISSUES							

Bill No.	ITEM CODE	DESCRIPTION	Quantity	UNIT	Unit Bid RATE (KShs)	Bill Item Cost without VAT (KSHs)	Technology
25	25-50-001b	HIV/AIDS Prevention Campaigns	1.00	SUM	250,000.00	250,000.00	*LB*
25	25-50-001c	Include % of Prime cost sum in item 25-50-001(b) for contractor_s overhead and profit	250,000.00	%	10%	25,000.00	*LB*
Total Carried Forward to Summary						**275,000.00**	

Bill No.	ITEM CODE	DESCRIPTION	Quantity	UNIT	Unit Bid RATE (KShs)	Bill Item Cost without VAT (KSHs)	Technology
1	01-80-032	Allow a prime cost sum for training of Engineers staff on site	1.00	PC Sum	150,000.00	150,000.00	*LB-MB*
1	01-80-033	Include percentage of PC sum in item 01-80-032 for contractors overhead and profit	150,000.00	%	10%	15,000.00	
1	01-80-042d	Allow for prime cost sum for survey works	1.00	PC Sum	150,000.00	150,000.00	*LB-MB*
1	01-80-042e	Include Percentage cost Sum in Item01-80-042d	150,000.00	%	10%	15,000.00	
Total Carried Forward to Summary						**2,462,950.00**	