

BOQ - KENGEN REHABILITATION		December 23, 2024			
No	Description	Unit	Qty	Rate (Kshs)	Amount(Kshs)
Part 1	Civil Works Material Supply				
	Supply PVC Pipe (OD= 4 inch) for Road Crossing (6MTRS)	pcs	0	1,500.00	-
	Supply Steel Pipe (OD= 4 inch) for Road Crossing (6MTRS)	pcs	0	12,000.00	-
	Supply [& Inspection] 1-WAY HDPE Pipe and Accessory materials	m	0	90.00	-
	Supply [& Inspection] 2-WAY HDPE Pipe and Accessory materials	m	0	180.00	-
	Supply [& Inspection] 4-WAY HDPE Pipe and Accessory materials	m	0	360.00	-
	Supply of Flex [0.5m of hole]	m	0	54.00	-
	Supply Warning Tape	m	0	6.20	-
	Supply of HD PVC 1" Pipes for Protection on Walls (6MTRS)	pcs	0	1,140.00	-
	Supply of Steel Pipes for Protection on Walls (6MTRS)	pcs	0	1,800.00	-
	Supply of Approved Wooden Pole (8m 5/6")	pcs	4	8,000.00	32,000.00
	Supply of Approved Wooden Pole (10m 6/7")	pcs	0	12,000.00	-
	Supply of Approved Wooden Pole (12m 6/7")	pcs	0	16,000.00	-
	Transportation of Approved Wooden Poles (Per Pole) Upto 9 Pieces	pcs	4	3,000.00	12,000.00
	Transportation of Approved Wooden Poles (Lot - 10 Poles)	lot	0	25,000.00	-
	Supply of ADSS J-hook Suspension Clamp	pcs	0	405.30	-
	Supply of ADSS Anchor Suspension Clamp	pcs	0	758.60	-
	Supply of ADSS Dead End Suspension Clamp	pcs	0	798.00	-
	Supply of Universal Pole Bracket (UPB) with Straps	set	0	400.70	-
	Supply of Slack Cable Storage Bracket	pcs	0	3,300.00	-
	Supply of Pole Hardware Support System (Stay Bracket, Clamp, Wire, Rod & Block)	set	0	5,500.00	-
Part 2	Civil Works Services				
	Preparatory Works and As-Built Documents	nb	1	6,500.00	6,500.00
	Field Detailed Survey & Detailed Design	site	1	5,800.00	5,800.00
	Laying PVC Pipe (OD= 4 inch)	m	0	70.00	-
	Route Cleaning and Inspection of Ducts	m	0	17.50	-
	Administrative Cost (RoW Acquisition Services)	site	1	5,500.00	5,500.00
	Breaking and Sealing of Manhole	nb	0	1,000.00	-
	Core Drilling	nb	0	1,500.00	-
Part 3	Aerial Services				
	Installation of Approved Wooden Pole (8m 5/6") (Digging, Pole Erection & Ramming)	pcs	4	3,000.00	12,000.00
	Installation of Approved Wooden Pole (12m 6/7") (Digging, Pole Erection & Ramming)	pcs	0	3,500.00	-
	Installation of Pole Hardware Support System (Stay Bracket, Clamp, Wire, Rod & Block)	set	2	3,000.00	6,000.00
	Installation of Slack Cable Storage Bracket With Associated Accessories	pcs	0	1,250.00	-
	Installation of Pole Accessories: J-hook, Anchors, Dead End Support, UPBs, & other Accessories	pcs	6	2,000.00	12,000.00
	Installation Joint box for ADSS cable joint (24, 48, 96 fibers, Light weight)	pcs	0	1,000.00	-
Part 4	Excavation & Backfilling for Trench				
	Normal Soil (D=1.2m,W= 0.3m)	m	0	200.00	-
	Hard Soil / Murrum (D=1.2m,W= 0.3m)(+pilots 24m)	m	0	250.00	-
	Breakable Rock (D= 0.8m,W= 0.3m)	m	0	645.00	-
	Solid Rock	m	0	845.00	-
	Concrete / Tarmac and Backfilling (Kshs 4500 per cubic meter)	m	0	890.00	-
	Slab and Reinstatement	m	0	1,020.00	-
	Cabro and Reinstatement	m	0	515.00	-
	Micro Tunnelling	m	0	3,000.00	-
	Horizontal Directional Drilling	m	0	13,000.00	-
Part 5	Installation of HPDE , PVC & Steel Pipe/Physical distance				
	Installation of 1/ 2 / 4-Way (Ways) of HDPE Pipe in trench	m	0	6.00	-
	Installation of PVC Pipe on Wall	m	0	8.00	-
	Installation of Steel Pipe on Wall	m	0	11.00	-
Part 6	Crossing of Culverts				
	Culvert/ Drainage/ Sewer Crossing	m	0	737.00	-
	River/ Bridge Crossing	m	0	1,795.00	-
	Supply of HD PVC Pipe for River Crossing	pcs	0	1,794.00	-
Part 7	Installation of OF Cable				
	Installation of FOC (By pulling)	m	0	25.00	-
	Installation of FOC (ADSS)	m	325	40.00	13,000.00
Part 8	Rehabilitation of OFC ducts				
	Rehabilitation of Ducts (Scour checks to mitigate against Soil Erosion)	m	0	250.00	-
Part9	Laying warning tape underground				
	Laying Warning Tape underground	m	4	5.00	20.00
Part 10	Construction of Manholes and Handholes				
	Build Manhole and provide Cover (Cover is hard plastic filled with cement)	pcs	0	6,000.00	-
	Build Manhole with JF6 Footway Cover and Accessories	pcs	0	15,000.00	-
	Build Manhole with JF6 Carriageway Cover and Accessories	pcs	0	25,000.00	-
	Supply of Manhole Cover JF6 Footway	pcs	0	4,300.00	-
	Supply of Manhole Cover JF6 Carriage way	pcs	0	7,100.00	-
	Supply Handhole with Cover and Accessory	pcs	0	10,500.00	-
Part 11	Optical Fiber Cable Protection				
	Concrete Reinforcement -FOC Protection - HD PVC Pipe on Wall	m	0	673.00	-
	Concrete Reinforcement -FOC Protection - on Rock	m	0	673.00	-
Part 12	Fiber Optic Cable Splicing, Testing & Documentation				
	Splicing of Cable	core	96	500.00	48,000.00
	Testing and Commissioning of Cable	core	96	400.00	38,400.00
	Fibre Identification	core	0	400.00	-
	Mobilisation of Sites out of nearest Office Location from Site Distance Per Km	km	0	35.00	-

No	Description	Unit	Qty	Rate (Kshs)	Amount(Kshs)
Part 13	Power Installation	pcs	0	15,000.00	-
Part 14	Installation of 12U Cabinet	pcs	0	4,000.00	-
	Sub Total				191,220.00
	16% VAT				30,595.20
	Grand Total				221,815.20

TERMS AND CONDITIONS

This quote is Valid for 45 days from the date of Issuance, beyond which we may require a resurvey.