

PROPOSED INTERNET AND LAN CONNECTIVITY AT ISIOLO SOUTH CDF BUILDING

Description of Item	Unit	Quantity	Unit Price (KES)	Amount (KES)
42U LAN Cabinet complete with Power Distribution Unit (PDU)	No	1	120,000	120,000
Fiber ODF 12 Ports	No	1	50,000	50,000
Blowing of 12 cores Fiber to the duct and splicing both ends at installed ODF & testing 2 kms	Lot	1	390,000	390,000
Trenching & Backfilling 2 km	Lot	1	390,000	390,000
Fiber Ducts 2 km	Pieces	572	500	286,000
Construction of Manholes & Manholes covers with GPS coordinates	Lot	4	7,000	28,000
2 Compartment Metal trunking (100mm*50mm*2440mm)	No	25	2,500	62,500
2 Compartment Corners Metal Trunk (100mm*50mm*2440mm)	No	14	1,500	21,000
Patch Panel 24 Port	No	1	3,000	3,000
RJ45 Cat 6 Data outlets UTP (Dual) with faceplates and labeling systems Simeons or approved equivalent	No	20	1,800	36,000
Ubiquiti Unifi AC Lite Access Points	No	3	15,000	45,000
Screened Cat 6 UTP 4 pair cable as Simeons or equivalent approved	Rolls	2	19,000	38,000
Cable Management 2U	No	1	5,000	5,000
Screened 3M RJ45-RJ45 Cat 6 UTP terminated patch cord as Simeons or approved equivalent to be used for workstations	No	10	800	8,000
Screened ~ 1M RJ45-RJ45 Cat 6 UTP terminated patch cord as Simeons or approved equivalent to be used in the cabinet	No	24	500	12,000
Conduits Spiral to caution fiber inlet to building compartment and Cabinet Unit	Roll	2	3,000	6,000

Electrical Wiring & Circuit breakers units	Lot	1	35,000	35,000
UPS 1.5Kv 2U	No	1	138,000	138,000
Smart Managed POE Switch 24 ports	No	1	189,000	189,000
Fiber Converters or Equivalent SFP switch compatible	No	2	15,000	30,000
Accessories knockout & Paint	Lot	1	21,000	21,000
Total (KES)				1,913,500.00
VAT 14%				267,890.00
Labor & Transportation of materials				393,340.00
Grand Total (KES)				2,574,730.00