

CONSTRUCTION & REHABILITATION OF FARMER TRAINING CENTRE - DORMITORY BUILDING**KATETE - ZAMBIA****SUMMARY****DATE** 2020/11/06**REVISION** 01

ITEM	DESCRIPTION		Cost
1	BILL NO. 1	PRELIMINARY & GENERAL ZK	0.00
2	BILL NO. 2	LT RETICULATION ZK	0.00
3	BILL NO. 3	GENERAL ELECTRICAL INSTALLATION ZK	0.00
4	BILL NO. 4	PRIME COST SUMS ZK	0.00
5	BILL NO. 5	PROVISIONAL SUMS ZK	2 000.00
7	SUB TOTAL ZK		2 000.00
8	COST TO FIX PRICE FOR DURATION OF CONTRACT ZK		0.00
9	TOTAL ZK		2 000.00
10	ADD 16% VAT ZK		320.00
11	TOTAL CARRIED FORWARD TO FORM OF TENDER ZK		2 320.00

CONSTRUCTION & REHABILITATION OF FARMER TRAINING CENTRE - DORMITORY BUILDING
KATETE - ZAMBIA
BILL No:01 PRELIMINARY & GENERAL

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL AMOUNT
1.1	FIXED CHARGE ITEMS				
	Site Establishment	Sum	1		0.00
	Insurances & Guarantees	Sum	1		0.00
	Operating instructions and maintenance manuals, including "as built" drawings.	Sum	3		0.00
1.2	TIME RELATED ITEMS				
	Contracts Manager, Supervisor	Month	2.5		0.00
	Telephone, Faxes and Stationery Expenditure	Month	2.5		0.00
	Transport Cost	Month	2.5		0.00
	Security/ Cleaning	Month	2.5		0.00
	H/O Administration and Overhead Expenditure	Month	2.5		0.00
	Project Admin/Surveyor	Month	2.5		0.00
	Storeman/ Clerk	Month	2.5		0.00
1.3	TOTAL FOR BILL NO. 1 PRELIMINARY & GENERAL - CARRIED FORWARD TO SUMMARY PAGE				0.00

CONSTRUCTION & REHABILITATION OF FARMER TRAINING CENTRE - DORMITORY BUILDING
KATETE - ZAMBIA
BILL No:02 LT RETICULATION

2	L.T. RETICULATION	Unit	Qty	Material Rate	Labour Rate	Total
2.1	TRENCHING					
	Trenching to be done in accordance to the drawings and specification. Sub-Contractor to do backfill and compacting up to 300mm below NGL. Final compacting and reinstatement of					
	LV Trench 300mm wide x 600mm deep incl. sand bedding, backfill and compact to 99%					
	Pickable Soil	m	25			0.00
	Hard Soil	m	5			0.00
	Rock	m	5			0.00
	300mm Dangentape	m	30			0.00
2.2	MAIN DISTRIBUTION BOARDS					
	Main Electrical Distribution Board (MDB)	No	1			0.00
	Mark-Up & Proffit on above mentioned	%	0%			0.00
	Installation of Main Electrical Distribution Board (MDB-1.1)	No	1			0.00
	Certificate of Compliance	No	1			0.00
2.3	SUB DISTRIBUTION BOARDS					
	DB-B1 (Block B1 - Dormitory)	No	1			0.00
	Mark-Up & Proffit on above mentioned	%	0%			0.00
	Installation of SDB-B1	No	1			0.00
	Certificate of Compliance for SDB-B1	No	1			0.00
2.4	ELECTRONIC SERVICES DISTRIBUTION BOARDS					
	Telkom Surface GPO's (400mm x 400mm)	No	0			0.00
2.5	WIRE WAYS					
	CABLE TRAY O-Line (Medium Duty Welded Wire Mesh)					
	On hangers below slab soffit, roof structure, or fixed to wall (inclusive of splicers, hanging brackets, fixings etc) mounted at aproximately 3000mm AFFL +- 450mm					
	100mm	m	10			0.00
	200mm	m	0			0.00
	300mm	m	0			0.00
	Vertical or horizontal bends complete					
	100mm	No	1			0.00
	200mm	No	0			0.00
	300mm	No	0			0.00
	Tee section complete					
	100mm	No	1			0.00
	200mm	No	0			0.00
	300mm	No	0			0.00
	Cross section complete					
	100mm	No	1			0.00
	200mm	No	0			0.00
	300mm	No	0			0.00
	WIRE DUCTS					
	Supply & install galvanized ducting suspended below slab soffit, roof structure, or fixed to wall (inclusive of splicers, hanging brackets, fixings etc) at approximately 2500-3000mm AFFL					
	P8000 Galv Trunking	m	30			0.00
	P8000 Horizontal or vertical bends	No	2			0.00
	P8000 Tees	No	0			0.00
	P8000 Cross overs	No	0			0.00
	P8000 DB Entry	No	1			0.00
	P8000 End Caps	No	1			0.00
2.6	CABLING					
	Supply & install cables on cable ladder, rack/tray or sleeve including all fixings and accessories.ladder, rack/tray measured elsewhere					
	25mm ² x 4 core PVC PVC SWA Cu Cable	m	25			0.00
	16mm ² x 4 core PVC PVC SWA Cu Cable	m	0			0.00

	10mm ² x 4 core PVC PVC SWA Cu Cable	m	1		0.00
	6mm ² x 4 core PVC PVC SWA Cu Cable	m	1		0.00
	4mm ² x 4 core PVC PVC SWA Cu Cable	m	1		0.00
2.7	TERMINATIONS				
	For above-mentioned cables incl. armour glands, shrouds, lugs and connections				
	25mm ² x 4 core PVC PVC SWA Cu Cable	No	2		0.00
	16mm ² x 4 core PVC PVC SWA Cu Cable	No	0		0.00
	10mm ² x 4 core PVC PVC SWA Cu Cable	No	1		0.00
	6mm ² x 4 core PVC PVC SWA Cu Cable	No	1		0.00
	4mm ² x 4 core PVC PVC SWA Cu Cable	No	1		0.00
2.8	JOINTS				
	For PVC/PVC/SWA/PVC cables				
	25mm ² x 4 core PVC PVC SWA Cu Cable	No	1		0.00
	16mm ² x 4 core PVC PVC SWA Cu Cable	No	0		0.00
	10mm ² x 4 core PVC PVC SWA Cu Cable	No	1		0.00
	6mm ² x 4 core PVC PVC SWA Cu Cable	No	1		0.00
	4mm ² x 4 core PVC PVC SWA Cu Cable	No	1		0.00
2.9	EARTHING				
	Black PVC insulated copper earth conductors installed with cables on cable ladder, rack/tray or sleeve including all fixings and accessories.ladder, rack/tray measured elsewhere.				
	16mm ² Insulated Earth	m	25		0.00
	10mm ² Insulated Earth	m	0		0.00
	6mm ² Insulated Earth	m	1		0.00
	4mm ² Insulated Earth	m	1		0.00
2.10	EARTHING TERMINATIONS				
	Earth wire terminations including lugs, fixings and accessories terminations to allow for green & yellow heat shrink or tape from gland for 3m.				
	16mm ² Insulated Earth	No	2		0.00
	10mm ² Insulated Earth	No	0		0.00
	6mm ² Insulated Earth	No	1		0.00
	4mm ² Insulated Earth	No	1		0.00
2.11	Wiring				
	Flat twin & Earth				
	2.5mm ²	m	900		0.00
	4mm ²	m	80		0.00
	Terminations for the above				
	2.5mm ²	No	455		0.00
	4mm ²	No	8		0.00
2.12	TOTAL FOR BILL NO. 2 LT RETICULATION - CARRIED FORWARD TO SUMMARY PAGE				0.00

CONSTRUCTION & REHABILITATION OF FARMER TRAINING CENTRE - DORMITORY BUILDING
KATETE - ZAMBIA
BILL No:03 GENERAL ELECTRICAL INSTALLATION

3 COMMON AREAS		Unit	Qty	Material Rate	Labour Rate	Sub-Total
3.1	POWER & LIGHTING					
	Supply & install conduit and conduit boxes(Flush/Surface or Chased-in) including conduit terminations, note to also include wall cut outs as per drawings and details issued.					
	PVC Conduit					
	25mm PVC Conduit	m	895			0.00
	PVC Round Box	No	85			0.00
	100 x 100 PVC Flush Box	No	50			0.00
	100 x 50 PVC Flush Box	No	48			0.00
	PVC Round Blank	No	53			0.00
	100 x 100 Blank	No	34			0.00
	100 x 50 Blank	No	32			0.00
	Draw Wire	m	959			0.00
	Supply & install socket outlets, isolators and outlets as per drawings, including all wiring terminations.					
	Power Outlets					
	Legrand Multistandard socket 2P+E unswitched shuttered white	No	32			0.00
	Legrand Double Multistandard socket 2P+E unswitched shuttered white	No	16			0.00
	20A SP surface mounted isolator	No	2			0.00
	20A TP surface mounted isolator	No	2			0.00
	20A SP surface mounted weatherproof isolator	No	4			0.00
3.2	LUMINAIRES					
	Allow a rate for the acceptance, storage, installation & final connection of the following light fittings					
	Type A1: Surface mounted Channel	No	10			0.00
	Type A2: Surface mounted Channel	No	8			0.00
	Type B1: Surface mounted round bulkhead fitting	No	32			0.00
	Type B2: Surface mounted round bulkhead fitting	No	32			0.00
	Type FL: Surface mounted LED Flood light	No	3			0.00
	Photocell	No	1			0.00
	1 Lever 1 way switch	No	32			0.00
	2 Lever 1 way switch	No	16			0.00
	1 Lever 2 way switch	No	0			0.00
3.3	TOTAL FOR BILL NO. 3 COMMON AREAS - CARRIED FORWARD TO TENDER PRICE SUMMARY					0.00

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KATETE - ZAMBIA

BILL No:04 PRIME COSTS

4 PRIME COSTS		Unit	Qty	Rate	Total
4.1	Luminaire Specification & Schedule:				
	Refer to detailed lighting specification in Annexure 8.2 in tender document.				
	Type A1 - Surface mounted 5ft vapour proof channel	No	10		0.00
	Type A2 - Surface mounted 4ft vapour proof channel	No	8		0.00
	Type B1 - Surface mounted 18W bulkhead	No	32		0.00
	Type B2 - Surface mounted 15W bulkhead	No	32		0.00
	Type FL -m Surface mounted 20W LED Flood light	No	3		0.00
	Profit and attendance on above-mentioned	%	0%	-	0.00
4.20	TOTAL FOR BILL NO. 4 PRIME COSTS - CARRIED FORWARD TO TENDER PRICE SUMMARY				0.00

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KATETE - ZAMBIA

BILL No:05 PROVISIONAL SUMS & DAYWORKS

6 PROVISIONAL SUMS & DAYWORKS		Unit	Qty	Rate	Total
5.1	Provisional Sums				
	Provisional sum for alterations DB's	1	sum	1 500.00	1 500.00
	Provisional sum for earthing & bonding of equipment	1	sum	500.00	500.00
5.2	Dayworks				
	<u>Labour</u>				
	The rates for labour in dayworks are to be applied to the hours worked and they are to include the cost of the labour, overheads, profit, all levies, bonuses and leave pay				
	<u>Normal Time</u>				
	Electrician	5	hr		0.00
	Semi-skilled	5	hr		0.00
	Labourer	10	hr		0.00
	<u>Overtime</u>				
	Electrician	2	hr		0.00
	Semi-skilled	2	hr		0.00
	Labourer	5	hr		0.00
5.3	TOTAL FOR BILL NO. 5 PROVISIONAL SUMS & DAYWORKS - CARRIED FORWARD TO TENDER PRICE SUMMARY				2 000.00