

# WIZARA YA ELIMU, SAYANSI NA TEKNOLOJIA

## CHUO CHA UALIMU SINGACHINI



### MKATABA WA MANUNUZI KWA SUPPLIER

#### A: MASHARTI MAALUM YA MKATABA

1	MWAJIRI	MKUU WA CHUO CHUO CHA UALIMU SINGACHINI S. L. P. 586, MOSHI KNY: KATIBU MKUU WIZARA YA ELIMU, SAYANSI NA TEKNOLOJIA
2	JINA NA ANWANI YA SUPPLIER ( <i>Mwajiriwa</i> )	Jina: <i>EMARICA COMPANY LIMITED</i> Anwani: S.L.P 1293      MOSHI Simu: 0683045000
3	ENEO LA UJENZI	CHUO CHA UALIMU SINGACHINI
4	MAELEZO YA KAZI KWA UFUPI	KAZI YA HUDUMA YA KULETA VIFAA VYA UJENZI WA BWENI NA MADARASA MATATU KAMA VILIVYO ORODHESHA KWENYE KIAMBATA
5	GHARAMA YA KAZI	MALIPO YATAFANYIKA KULINGANA NA CALL OF ORDER
6	MUDA WA MKATABA (Tangu Kusainiwa kwa Mkataba):	Tarehe ya Kusaini. <b>01/02/2022</b> Muda: _____ Tarehe ya Kuanza Kazi. _____ Tarehe ya Kumaliza Kazi. _____
7	MASHARTI YA MALIPO:	<ul style="list-style-type: none"><li>• Hakuna Malipo ya Awali</li><li>• Supplier atalipwa baada ya kuwasilisha vifaa sehemu husika (site), kukaguliwa na kuridhishwa na ubora na viwango vya vifaa vinavyohitajika.</li></ul>

**B: MASHARTI YA JUMLA YA MKATABA**

1. Kuhakikisha mzabuni analeta vifaa kulingana na call of order.
2. Kuhakikisha mzabuni analeta vifaa kulingana na bei zilizo kubalika.
3. Kuhakikisha mzabuni analeta vifaa ndani ya muda uliopangwa.
4. Mzabuni ana paswa kuleta nyaraka zote muhimu za madai ili kukamilisha mchakato wa malipo.
5. Mzabuni akishindwa kutoa huduma kwa mujibu wa mkataba unavyojieleza, mkataba una weza kubatilishwa /kusitishwa.

**MWAJIRI:**

Saini: 

Jina: CORNELIUS L. GASPER

SIMU: 0754 - 973 720

Cheo: MKUU WA CHUO

Tarehe: 01.2.2022

MKUU WA CHUO  
CHUO CHA UALIMU  
SINGACHINI  
P. O. Box 586-MOSHI

**SUPPLIER:**

Saini: 

Jina: Ematica Co. Ltd

SIMU: 0683 045000

Cheo: MTOA HUDUMA

Tarehe:

EMARICA COMPANY LIMITED  
P.O. Box 1293-MOSHI  
TIN: 31-811-977  
VRN: 40025012-B

**SHAHIDI WA MWAJIRI**

Saini: 

Jina: STEVEN GEORGE

SIMU: 0714 - 958 584

Cheo: MAKAMU MKUU WA CHUO

Tarehe:

**SHAHIDI WA SUPPLIER**

Saini: 

Jina: FREEDOM KIMBORY

SIMU: 0786-000932

Cheo: MTOA HUDUMA MSAIDIZI

Tarehe:

ITEM	DESCRIPTION	UNITY	QNT	RATES	AMOUNT
	<b>A: SUBSTRUCTURE</b>				
3	<b>230mm plain insitu concrete base nominal mix (1:3:6)</b>				
	cement 42.5N	Bag	92	16,000	1,472,000
	sand	m <sup>3</sup>	9	50,000	450,000
	Aggregates 1"	m <sup>3</sup>	18	83,000	1,494,000
					<b>3,416,000</b>
4	<b>Reinforced concrete grade 20</b>				
	<b>columns footings</b>	m <sup>3</sup>	1		
	cement 42.5N	Bag	4	16,000	64,000
	Sand	m <sup>3</sup>	-	50,000	-
	Aggregates	m <sup>3</sup>	1	83,000	83,000
					<b>147,000</b>
	<b>Reinforced concrete grade 20</b>				
	<b>Starter columns</b>	m <sup>3</sup>	0		
	cement 42.5N	Bag	1	16,000	16,000
	Sand	m <sup>3</sup>	-	50,000	-
	Aggregate	m <sup>3</sup>	-	-	-
					<b>16,000</b>
	<b>Reinforcement</b>				
	Y8	pcs	1	15,500	15,500
	Y12	pcs	4	28,000	112,000
					<b>127,500</b>
	<b>Sawn Formwork to</b>				
	Sides and Soffit of beams 25x250mm	Pcs	6	27,000	162,000
	Timber for shuttering 50x100mm	Pcs	3	33,000	99,000
	Assorted steel wire nails	Kgs	5	3,500	17,500
					<b>278,500</b>
3	<b>Construction of foundation wall</b>	m <sup>2</sup>	367		
	Blocks	No.	5,131	1,500	7,696,500
	cement 42.5N	Bag	103	16,000	1,648,000
	Sand	m <sup>3</sup>	9	50,000	450,000
					<b>9,794,500</b>
4	<b>Gravel fill to make up levels</b>				
	200mm thick Selected earth filling well compacted in layers to engineer's satisfaction to receive hardcore	m <sup>3</sup>	70	20,000	1,400,000
	<b>Damp-proof Courses</b>				
	1000 Gauge Hessian based damp proof course; 230mm wide laid horizontal with 150mm laps	m	253	2,500	632,500
5	<b>Hardcore filling</b>				
	150mm bed of consolidated stones compacted, levelled and blinded to receive polythene membrane(measured separately)	trip	12	15,000	180,000
6	<b>Soil stelization</b>				
	Adrian 5% solution applied at a rate of 7 litres/m <sup>2</sup> to hardcore bed or other ant-termites treatment approved by the Engineer	Tins	5	25,000	125,000
	Ditto at a rate of 8 litrs/m per 300mm deep per 230mm wide to backfilling to one side of wall foundation	Tins	5	-	-
					<b>2,337,500</b>
7	<b>Plain Insitu Concrete Slab grade C nominal mix 1:3:6</b>				
	<b>100mm Oversite Concrete and 230x230mm ground beams</b>				
	cement 42.5N	Bags	183	16,000	2,928,000
	Sand	m <sup>3</sup>	20	50,000	1,000,000
	Aggregate .1"	m <sup>3</sup>	35	83,000	2,905,000
					<b>6,833,000</b>
8	<b>Reinforcement</b>				
	Y8	pcs	105	15,500	1,627,500
	Y12	pcs	84	28,000	2,352,000
	Binding wire	Rolls	1	135,000	135,000
					<b>4,114,500</b>
9	<b>Sawn Formwork to</b>				
	Sides and Soffit of beams 25x250mm	Pcs	38	27,000	1,026,000
	Timber for shuttering 50x100mm	Pcs	20	28,000	560,000
	Assorted steel wire nails	Kgs	10	5,500	55,000
					<b>1,641,000</b>
10	<b>Damp proof Membrane</b>				

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	500mm Gauge polythene damp proof membrane laid on blinded hardcore	m2	425	3,000	1,275,000
					1,275,000
11	15mm thick rendering in two coats steel trowelled to smooth finish (1:4)				
	cement 42.5N	Bags	4	16,000	64,000
	Sand	m3	1	50,000	50,000
					114,000
12	Bituminous Paint				
	Prepare and apply two coats of black bituminous paint on rendered or concrete surfaces				
	black bituminous TIN 4 Litre @	Tins	4	32,000	128,000
	Subtotal carried to General Summary (A)				
ITEM	DESCRIPTION	UNIT	QNT		
	<b>B: SUPERSTRUCTURE</b>				
8	Solid concrete blocks to BS 2028 type A in cement mortar				
	150mm wall: Number of Blocks	No	9,613	1,500	14,419,500
	Cement for Mortar	Bags	192	15,000	2,880,000
	Sand	m3	10	50,000	500,000
					17,799,500
9	Ring beam				
	Vibrated 150x230mm cross section Reinforced insitu concrete beam grade "20" nominal mix 1:2:4				
	cement 42.5N	Bags	61	16,000	976,000
	Sand	m3	5	50,000	250,000
	Aggregates 1"	m3	9	83,000	747,000
					1,973,000
	<u>Reinforcement</u>				
	Y8	pcs	105	15,500	1,627,500
	Y12	pcs	84	28,000	2,352,000
					3,979,500
9	Columns				
	cement 42.5N	Bags	3	16,000	48,000
	Sand	m3	-	-	-
	Aggregates 1"	m3	-	-	-
					48,000
	<u>Reinforcement</u>				
	Y8	pcs	3	15,500	46,500
	Y12	pcs	3	28,000	84,000
					130,500
	<u>Sawn Formwork to</u>				
	Sides and Soffit of beams 25x250mm	Pcs	66	1,500	99,000
	Timber for shuttering 50x100mm	Pcs	25	8,000	200,000
	Assorted steel wire nails	Kgs	30	5,500	165,000
	Linseed oil	Lts	-	-	464,000
	Subtotal carried to General Summary (B)				
	<b>C: Roofing Structure</b>				
9	Treated timber				
	Wall plate 50x100mm	Ft	493	1,500	739,500
	King post 50 x150mm	Ft	303	600	181,800
	Tie beam 50x150mm	Ft	1,120	800	896,000
	Rafters 50x150mm	Ft	1,253	800	1,002,400
	Struts 50x100mm	Ft	2,007	600	1,204,200
	Purlins 50x75mm	Ft	1,700	600	1,020,000
	Fascia board 25x250mm (Approved hardwood)	Ft	543	2,000	1,086,000
	Assorted steel wire nails	Kg	150	3,500	525,000
	ALAF Galvanised sheets G28 IT 5	m2	582	25,000	14,550,000
	ALAF Galvanised ridge cape	Pcs	16	25,000	400,000
	ALAF Galvanised Valley cape	Pcs	32	25,000	800,000
	Roofing nails	Pkts	22	7,000	154,000
	Subtotal carried to General Summary (C)				22,558,900

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12	<b>F: FINISHING</b>				
	<b>FLOOR FINISH -SCREED</b>				
	<b>40mm cement and sand screed (1:4) steel trowelled surface finish</b>				
	Cement 42 5N	Bags	95	16,000	1,520,000
	Sand	m3	16	50,000	800,000
					<b>2,320,000</b>
	<b>FLOOR FINISH: TILES</b>				
	Porcelain floor tiles laid on 5mm thick cement and sand mortar (1:3), joint grouted with matching in colour material laid in approved pattern (size 300x300mm)	Box	58	25,000	1,450,000
	Porcelain wall tiles laid on 5mm thick cement and sand mortar (1:3), joint grouted with matching in colour material laid in approved pattern (size 200x300mm)	Box	117	25,000	2,925,000
	Skirting tiles of 600mm long	Box			-
	Grout material, matting in colour with the tiles (montana)	Bags	10	4,000	40,000
	Cement 42 5N	Bag	23	16,000	368,000
	Sand	m3	3	50,000	150,000
	Metal strips	Nr.	30	6,000	180,000
					-
	<b>Internal and External Plastering 1:4</b>				
	Cement 42 5N	Bags	199	16,000	3,184,000
	Sand	m3	28	50,000	1,400,000
					-
	Ramp construction and finishing				-
	Cement and sand blocks	No	150	1,500	225,000
	Cement 42 5N	Bags	19	16,000	304,000
	Sand	m3	2	50,000	100,000
					-
	<b>Ceilling board</b>				
	Gypsum boards (BBG)	No	147	20,000	2,940,000
	Branding (treated)	Ft	4,665	450	2,099,250
	Assorted steel wire nails	Kg	80	3,500	280,000
	Gypsum cornice	Pc	190	4,000	760,000
	Gypsum screw	Box	20	10,000	200,000
	Fibre tapes	Rolls	20	10,000	200,000
					<b>16,805,250</b>
	<b>Subtotal carried to General Summary( F)</b>				
15	<b>Decoration (Painting) (G)</b>				
	Wash and wear paint	Bukts	8	170,000	1,360,000
	Emulsion paint	Bucket	13	35,000	455,000
	Gross oil paint	Tin	4	25,000	100,000
	Solvent	Tin	5	28,000	140,000
	Bitmen Black	Tin		28,000	-
	Gypsum powder	Bags	56	28,000	1,568,000
	Primer	Bkts	2	9,000	18,000
	Sand papers	Pcs	150	1,000	150,000
	Cement 42 5N	Bags	33	16,000	528,000
	Sand	m3	7	50,000	350,000
					<b>4,669,000</b>
	<b>Subtotal carried to General Summary( G)</b>				
	<b>H: ELECTRICAL INSTALLATION</b>				
	tale wire 6mm	mtr	30	7,000	210,000
	Distribution board 6 way		1	95,000	95,000
	Wire 4 mm single	mtr	20	3,000	60,000
	Bracket		1	35,000	35,000
	Bracket bolts (galvanized)		2	4,000	8,000
	Tronic Switch 1 gang 2 way		4	4,500	18,000
	Havells Consumer Unit 8Way SP DHDIN007	PCS	1	120,000	120,000
	Tronic Circuit Breaker 63A/300mA SP NEW MC CHRC-63-02-301	PCS	1	60,000	60,000
	Cutout 100A Single with Fuse- ESTIA/TRONIC EST CUSP-01	Pcs	1	35,000	35,000
	Fitting Tronic Espania 4Ft Single FI TEFF-03	PCS	41	25,000	1,025,000
	Tube Tronic 4Ft Espania TU T836-DL	PCS	41	4,500	184,500
	Tronic 2G 1W Switch TR5121	PCS	2	6,000	12,000
	Tronic 1G 1W Switch TR5111	PCS	22	4,500	99,000
	Tronic 2G 2W Switch TR5122	PCS	4	7,500	30,000
	1.5mm Single Cable GREEN Euro	ROLL	4	70,000	280,000
	1.5mm Single Cable BLACK Euro	ROLL	5	70,000	350,000
	1.5mm Single Cable RED Euro	ROLL	6	70,000	420,000
	PVC Conduit Pipe - 20MM Tronic CP PIPE-20-WH (Africable)	PCS	160	2,000	320,000
	Qpl - Elbow 3/4 (20Mm) QE20	Pcs	80	1,000	80,000

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PVC Elbow - 20MM Tronic CP BEND-20-WH	PCS	80	1,000	80,000
Qpl - Tee 3/4 (20Mm) QT20	Pcs	80	1,000	80,000
PVC Coupler - 20MM Tronic CP COUP-20-WH	PCS	80	1,000	80,000
PVC Saddle W/Base - 20MM Tronic CP SADD-20-WH	PCS	80	7,000	560,000
PVC Junction Box 4 Way WHITE - 20MM Tronic CP JUN4-20-WH	PCS	40	2,000	80,000
PVC Junction Box 3 Way WHITE - 20MM Tronic CP JUN3-20-WH	PCS	40	2,000	80,000
PVC Junction Box 2 Way WHTE - 20MM Tronic CP JUN2-20-WH	PCS	25	2,000	50,000
Tronic Round Cover TRRC	PCS	80	4,000	320,000
Box G.I Single 3x3 1Mm Tronic TR 2331	PCS	30	3,000	90,000
Tronic 13A Switch Socket Twin TR5213	PCS	4	9,000	36,000
2.5mm Single Cable GREEN Euro	ROLL	2	100,000	200,000
2.5mm Single Cable BLACK Euro	ROLL	2	100,000	200,000
2.5mm Single Cable RED Euro	ROLL	2	100,000	200,000
Box G.I Twin 3x6 1Mm Tronic TR 2361	PCS	4	3,000	12,000
Earth Rod (Pure Copper) 16Mm Big ER 15MM	PCS	1	60,000	60,000
10mm Single Cable GREEN	mtr	20	2,000	40,000
Insulating Tape Black - Tronic IT 01BK	PCS	4	2,000	8,000
solution tape		10	2,000	20,000
metal clips	box	3	6,000	18,000
saddle clips	box	4	6,000	24,000
				<b>5,679,500</b>
<b>J: PLUMBING INSTALLATIONS</b>				
PVC pipe 4" Class B		20	45,000	900,000
PVC pipe 1 1/2 Class B		20	12,600	252,000
gate valve 3/4		12	18,000	216,000
PVC Bend plain with door 4" Class B	pc	20	6,000	120,000
PVC Bend plain without door 4" Class B	pc	8	6,000	48,000
PVC elbow 4" Class B		20	4,000	80,000
PVC tee 4" Class B	pc	8	4,000	32,000
PVC cement Class B (1/2kg)		40	12,000	480,000
stop cock 3/4		12	18,000	216,000
PVC elbow 1 1/2 Class B	pc	40	2,000	80,000
PVC Tee 1 1/2 Class B		40	750	30,000
PVC vent cap 4" Class B	pc	8	3,000	24,000
PVC p trap 4" Class B	pc	12	4,000	48,000
Reducing bush 3/4 - 1/2		40	2,000	80,000
Reducing bush 1 - 3/4		30	2,000	60,000
Nipple 1/2		50	1,000	50,000
Thread seal tape	roll	40	1,000	40,000
IPS pipe 1/2	pc	20	16,000	320,000
IPS pipe 3/4	pc	12	27,000	324,000
IPS pipe 1"	pc	4	32,000	128,000
IPS Elbow 1/2"	pc	40	1,000	40,000
IPS tee 1/2	pc	40	1,000	40,000
IPS M/F 1/2		40	2,000	80,000
IPS union 3/4	pc	40	2,500	100,000
IPS elbow 3/4	pc	80	1,500	120,000

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IPS tee 3/4	pc	100	1,500	150,000
IPS elbow 1"		40	2,000	80,000
IPS Tee 1"	pc	20	2,500	50,000
IPS Nipple 1/2	pc	40	3,000	120,000
IPS Nipple 3/4	pc	40	1,500	60,000
IPS Nipple 1"	pc	20	2,500	50,000
IPS Socket 1/2	pc	40	1,000	40,000
IPS Socket 3/4	pc	20	1,500	30,000
Stop cock 3/4		12	18,000	216,000
gate valve 3/4		12	18,000	216,000
Bib cock 3/4"		12	18,000	216,000
sanit tank		1	10,000	10,000
washing basin		8	65,000	520,000
Toilet sink (European)		1	250,000	250,000
Toilet sink (Asian)		5	25,000	125,000
Clamp 4"		40	3,000	120,000
Shattaph		2	25,000	50,000
IPS union 1"		20	3,000	60,000
Pvc cape		12	4,000	48,000
Reducing bush 11/2- 1		20	2,000	40,000
Pvc plug 11/2		20	2,000	40,000
Bottle trap 11/4		10	18,000	180,000
Angle valve 1/2		20	12,000	240,000
Angle valve 3/4 X 1/2		10	18,000	180,000
Gate valve 1"		10	45,000	450,000
Strainer		16	15,000	240,000
Shower rose		6	10,000	60,000
				<b>7,749,000</b>
<b>TOOLS &amp; EQUIPMENTS</b>				
Hoe	PCS	5	15,000	75,000
Manila rope	PCS	30	1,500	45,000
reflector	PCS	30	7,000	210,000
Helment	PCS	30	7,500	225,000
Ndoo 10L	PCS	50	5,000	250,000
safety boots	PCS	5	40,000	200,000
Axe	PCS	2	18,000	36,000
sururu	PCS	2	15,000	30,000
pipe level	PCS	3	15,000	45,000
conc cutting disk 9"	PCS	1	35,000	35,000
conc cutting disk 4"	PCS	1	7,000	7,000
Iron cutting disk 9"	PCS	3	25,000	75,000
Iron cutting disk 4"	PCS	1	35,000	35,000
nyundoya misumari	PCS	4	18,000	72,000
nyundo ya 2kg	PCS	4	60,000	240,000
makoleo	PCS	5	7,000	35,000
Store ledger	PCS	15	3,000	45,000
gum boots	PCS	15	18,000	270,000
nyundo 5kg	PCS	1	60,000	60,000
tank 5000L (3000L&2000L)	PCS	1	1,300,000	1,300,000
padlocks	PCS	2	15,000	30,000
Brush 2"	PCS	10	3,000	30,000
Brush 3"	PCS	15	4,000	60,000
Brush 4"	PCS	10	5,000	50,000
panga	PCS	3	18,000	54,000
tindo	PCS	2	8,000	16,000
Roller brush 9"	PCS	6	5,000	30,000
Drilling bit 12 mm	PCS	2	8,000	16,000
Drilling bit 10 mm	PCS	2	8,000	16,000
Drilling bit 8 mm	PCS	2	7,000	14,000
Drilling bit 5 mm	PCS	2	7,000	14,000
Drilling bit 4 mm	PCS	2	6,000	12,000
Drilling bit 16mm	PCS	1	18,000	18,000
Screw driver	PCS	4	12,000	48,000
Timber saw	PCS	10	15,000	150,000
Bending Spring 25Mm For Conduit	PCS	3	3,600	10,800

*[Signature]* 11/03/2022

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Bending Spring 20Mm For Conduit	PCS	3	3,000	9,000
Hose pipe (50m)	Roll	2	75,000	150,000
<b>SUB TOTAL</b>				<b>4,017,800</b>
<b>TOTAL MATERIALS COST</b>				<b>118,415,950</b>

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