

Item	Description	Unit	Qty	Rate	Amount
	PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL				
A	BILL NO 1. ELEMENT: PRELIMINARIES TOOLS AND PLANTS The contractor is to provide everything necessary for the proper execution of the works according to the true intent and meaning of Drawings,etc, whether the the same may or may not be particularly shown on the drawings or described in the Bills of quantities provided that the same is reasonably to be inferred there from.				2,000,000
B	SAFETY HEALTH ABD WELFARE OF WORK PEOPLE The contractor shall allow for providing for the safety, health and welfare of workers and for complying with any relevant ordinances, regulations or Union Union Agreement.				2,000,000
C	SCAFFOLDING AND GANTRIES The contractor shall allow for providing, erecting and dismantling all general scaffolding and ganttries required for the works.				3,000,000
D	PHOTOGRAPHS The contractor shall allow for the supply of 5 copies of progress photographs per month to the project manager throughout the duration of contract and in full plate size.				200,000
E	SITE OFFICE The contractor shall provide and maintain any necessary temporary office accomodation required by himself and his sub contractors suitably equipped with desks, chairs, drawing boards and electric lighting.				1,500,000
F	SANITATION AND HYGIEN The contractor shall provide and maintain for his workers, a toilet washing and drinking water, Fist Aid equipment and shelters equipped with tables, benches, and cooking facilities all to the reasonable satisfaction of the workmen				1,500,000
G	SITE STORES The contractor shall provide and maintain any temporary storage shade or buildings which in his opinion are necessary for himself and his sub contract tors for the execution of the works				2,000,000
H	WATER FOR THE WORKS The contractor shall allow for all necessary clean, fresh water for the works, including that required by sub-contractors and for any plumbing materials and storage facilities and pay all charges there with and clear away on on completion and make good work disturbed.				
I	LIGHTING AND POWER FOR THE WORKS The contractor shall allow for providing and maintaining a temporary electricity supply for the works including that is required by sub-contractors and for any meters and fittings to give artificial lightening and power necessary for the execution of the works and pay all charges in connection and make good works disturbed				
	Total to collection				12,200,000

Item	Description	Unit	Qty	Rate	Amount
A	WATCHING AND HOARDING. The contractor shall allow for providing and maintaining any barriers hoarding, watching, lighting which must comply with the bye-laws or requirements of the local authority and police regulations and every thing necessary to protect the general public, workmen, plant, materials and the whole of the works from injury or damage				3,000,000
B	SETTING OUT The contractor shall settout the structure as per the provided dimensions on drawings				300,000
C	REMOVING RUBBISH, PLANT ETC. The contractor shall clear and cart away all rubbish as it accumulates and keep all works in an orderly condition to the satisfaction of the Engineer The Contractor shall make good all defects and injuries to the work, clean down external faces, wash off stains, and faced work, clean off marks of mortar and and cement, flash out drains runs and leave all parts of the works clean, free from rubbish and waste materials and perfect on completion.				500,000
D	SITE RECORDS Allow for visitors book, instructions book and any other documentary required on site				200,000
E	DEMOLITIONS Carefully demolish a temporary strucure (canteen), hand over valuable materials to the client, dispose the debris and make good all the disturbed	Item			1,000,000
	Digout and demolish the ubandoned placenta pit, dispose the debris, fill and reinstate the pit wit approved murrum	Item			1,000,000
F	RELOCATION OF GROUND SERVICES Carefully locate the under ground service lines like cables, water pipes and the alike, relocate to appropriate place as directed	Item			5,000,000
	Total to collection				11,000,000
	COLLECTION Page 1/1				12,200,000
	Page 2/1				11,000,000
	TOTAL PRELIMINARIES TO SUMMARY				23,200,000

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	ELEMENT NO. 1				
	SUBSTRUCTURES				
	ALL PROVISIONAL				
	<u>The work in this element includes all works up to and including the around floor slab</u>				
A	Allow for planking and strutting to maintain and uphold sides of excavation and keep it free from foreign material, rubbish.	sum	1	100,000	100,000
B	Clear the site of shrubs, grass, undergrowth and the like including grabbing up their roots	sm	655	2,000	1,310,000
C	Excavate for column bases commencing at reduced level but not exceeding 1.5m deep	cm	226	10,000	2,260,000
D	Extra over excavation for excavating in rock	cm	10	25,000	250,000
E	Return fill and ram selected excavated material around foundations	cm	150	7,500	1,125,000
F	Approved murrum fill : well compacted in 150mm thick layers	cm	100	35,000	3,500,000
G	300mm thick bed of handpacked stone base, well rolled and compacted	cm	150	70,000	10,500,000
H	50mm thick sand blinding over surfaces of hardcore	m2	500	5,000	2,500,000
I	Apply anti termite Insecticide treatment to the top of hardcore ,side and bottoms of trench excavation according to manufacturers instruction	m2	500	2,000	1,000,000
	CONCRETE WORK				
	PLAIN CONCRETE CLASS 15 (20MM AGGREGATE)				
J	50mm thick blinding layer under foundation	m2	160	25,000	4,000,000
	VIBRATED REINFORCED CONCRETE CLASS 25 MIX 1:1.5:3 (20MM AGGREGATE)				
K	Column bases	cm	60	500,000	30,000,000
L	Column studs	cm	9	500,000	4,500,000
M	Ground beam		22	500,000	11,000,000
	VIBRATED REINFORCED CONCRETE CLASS 20 MIX 1:2:4 (20MM AGGREGATE) IN				
N	150mm thick ground floor slab	cm	75	450,000	33,750,000
	<u>STEEL REINFORCEMENT as described including cutting to length, bending, hoisting and fixing and including all necessary tying wire and spacing blocks</u>				
N	8mm stirrups	kg	1,166	4,800	5,596,800
	<u>SQUARE TWISTED BARS</u>				
O	12mm ditto	kg	2,097	4,800	10,065,600
P	16mm ditto	kg	4,139	4,800	19,867,200
	<u>STEEL FABRIC REINFORCEMENT TO BS 4483 AS DESCRIBED</u>				
Q	No. A98 fabric mesh reinforcement weighing 1.52 kg per square meter fix in slab	sm	500	15,000	7,500,000
	FORMWORK				
R	Vertical sides of column bases	sm	160	25,000	4,000,000
S	Vertical sides of stud columns	sm	120	25,000	3,000,000
T	Vertical sides of ground beams	sm	215	25,000	5,375,000
U	Edges of floor bed 150 - 225mm high	lm	85	5,000	425,000
	DAMP PROOF MEMBRANE				
V	1000 guage polythene sheeting laid on blinded hardcore	sm	338	8,000	2,704,000
	Total Carried to collection				164,328,600

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	ELEMENT NO. 2				
	R.C FRAME				
	VIBRATED REINFORCED CONCREET CLASS 25 (MIX 1:1.5:3) as described in :-				
A	Columns	cm	15	500,000	7,500,000
B	Slab beams	cm	18	500,000	9,000,000
C	Ring beams and parapet wall	cm	22	500,000	11,000,000
D	Ramps	cm	15	500,000	7,500,000
E	Stair case	cm	4	500,000	2,000,000
F	Floor pot walls	cm	4	500,000	2,000,000
G	Solid slabs	cm	12	500,000	6,000,000
H	50mm concrete topping	cm	11	500,000	5,500,000
I	225x150mm ribs	cm	20	500,000	10,000,000
	STEEL REINFORCEMENT as described including cutting to length, bending, hoisting and fixing and including all necessary tying wire and spacing blocks				
	ROUND BARS				
J	8mm ditto	kg	2,613	4,800	12,542,400
	SQUARE TWISTED BARS				
K	16mm ditto	kg	6,508	4,800	31,238,400
L	12mm ditto	kg	4,758	4,800	22,838,400
M	10mm ditto	kg	1,162	4,800	5,577,600
N	No. A98 fabric mesh reinforcement weighing 1.52 kg per square meter fix in slab	sm	252	15,000	3,780,000
	HOLLOW POT SLAB				
	Hollow clay blocks 300 x 300 x 150 mm high at 420 mm centres:				
O	Suspended slabs	SM	252	63,000	15,876,000
	FORMWORK TO:-				
P	Soffittes of horizontal suspended slab	sm	252	25,000	6,300,000
Q	Sides and soffittes of beams	sm	278	25,000	6,950,000
R	Sides of ring beams	sm	246	25,000	6,150,000
S	Sides and soffittes of flower pot walls	sm	86	25,000	2,150,000
T	Vertical sides of columns	sm	212	25,000	5,300,000
U	Soffits of sloping slabs and stairs	sm	65	25,000	1,625,000
	SUNDRIES				
V	20SWG hoop iron wall ties 25mm wide x 450mm long cast 75mm into concrete and built into joint of block walling	No	80	2,500	200,000
	Total Carried to Collection				181,027,800

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	ELEMENT NO. 3				
	WALLING				
	<u>PRECAST CONCRETE Class 20 finished fair on all exposed surfaces including bedding and jointing in cement sand (1:3) mortar</u>				
A	350 x 75mm weathered and throated window cill	lm	73	35,000	2,555,000
B	350 x 75mm weathered and throated coping	lm	16	35,000	560,000
C	150 x 200mm lintol	lm	32	35,000	1,120,000
D	200mm parapet walls	sm	56	40,000	2,240,000
	BLOCK WORK				
	<u>Solid clay brick work jointed and bedded in cement sand (1:4) mortar with and including hoop iron wall ties every alternate course : in</u>				
E	230mm thick walls	sm	716	40,000	28,640,000
F	150mm thick walls	sm	282	35,000	9,870,000
	<u>DAMP PROOF COURSE OF BITUMEN FELT TO B.S 743 type A with 150mm laps including cement and sand (1:3 levelling bed0</u>				
G	230mm wide	lm	238	6,500	1,547,000
H	150mm ditto	lm	85	5,000	425,000
Total Carried to collection					46,957,000

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	<u>ELEMENT NO. 4</u>				
	<u>ROOF AND RAINWATER DISPOSAL</u>				
	<u>The rate for structural timber</u>				
A	50x150mm tie beam	lm	576	4,500	2,592,000
B	75x100mm wall plate	lm	120	4,500	540,000
C	50x150mm rafters	lm	432	4,500	1,944,000
D	50x100mm purlins	lm	672	4,000	2,688,000
E	50x100mm ties and struts	lm	537	4,000	2,148,000
	<u>FASCIA BOARD</u>				
F	25 x 225mm fascia board	lm	250	10,000	2,500,000
	<u>ROOF COVERING</u>				
G	28 guage pre-painted IT4 roofing sheets fixed to timber purlins with roof nails complete with washers	sm	555	40,000	22,200,000
H	Ditto ridge cap	lm	24	25,000	600,000
	<u>RAINWATER DISPOSAL</u>				
	<u>Pre- painted galvanised steel sheet</u>				
I	15mm thick Pvc gutters complete with brackets fixed to fascia boards of timber purlins	lm	98	37,950	3,719,100
		lm	150	35,000	5,250,000
J	extra over gutters for closed ends and outlets	No	12	20,000	240,000
	<u>PVC KEY terrain pipes and fitting</u>				
K	100mm diamer down pipe : fixed with brackets	lm	64	25,000	1,600,000
L	Extra over for discharge shoe and swan - neck	No	16	40,000	640,000
M	200mm diameter fulbora outlet cast into concrete	No	8	40,000	320,000
	Total Carried to Collection				46,981,100

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	ELEMENT NO. 5				
	DOORS				
	TIMBER DOORS				
	<u>60mm thick solid cored imported doors faced both sides with mahogany veneer facing with mahogany edge lipping all round double swing with vision glass inclusive of all iron monger as listed below from itm K to U for each door all to the engineers design</u>				
A	Door size 1200 x 2400mm high (overall) with 300mm vent	No	4	1,000,000	4,000,000
B	Door size 900 x 2400mm high (overall) with 300mm vent	No	25	400,000	10,000,000
C	Door size 900 x 2100mm high (overall) with 300mm vent	No	15	400,000	6,000,000
	WROT MAHOGANY , selected, treated and kept clean				
D	250 x 50 mm door frames	lm	170	50,000	8,500,000
E	150 x 50mm door frames for second floor and third floor	lm	87	45,000	3,915,000
F	50 x 15mm architrave two labours	lm	514	5,000	2,570,000
	<u>Supply and fix the following iron mongery : locks and furniture where applicable are to be equal to those manufactured by " UNION" and approved by the architect</u>				
G	100mm pressed stainless steel but hinges	nr	72	25,000	1,800,000
H	2-lever double cylinder lock UNION 2241	nr	44	75,000	3,300,000
I	Door stop UNION 8400	nr	48	30,000	1,440,000
J	Aluminium plate sheets	SM	50	100,000	5,000,000
	METAL WORK				
	Steel doors				
	<u>Supply, assemble and deliver to site; steel doors made in steel section frames of size 50x50x1.5mm, 25mm flats, supply and fix ironmongery comprising approved hinges, pivoting mechanisms, stays, fasteners to opening lights; provide permanent vents: frames drilled, plugged and screwed or built into walling: one coat red oxide primer before delivery.</u>				
K	Door size 1500mmx2400mm with side glazing as indicated complete with glass	No	1	2,000,000	2,000,000
Total Carried to collection					48,525,000

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	ELEMENT NO. 6				
	WINDOWS				
	WROT MAHOGANY, selected, treated and kept clean				
A	Pelment box consisting of 25 x 175mm front with six labours, 25 x 100mm top with one labour complete with returned ends; brass l section curtain track including runners and end stop	lm	82	60,000	4,920,000
	METAL WORK				
	STEEL WINDOWS				
	Supply and fix purpose made from standard steel sections size 40x40x1.2mm SHS and 25mm flats,windows including all iron mongery , 4mm clear glass and glazing , burglar proofing whre required and all necessary accessories as per architects detailed drawing				
B	Slidding Window size1500 x 1500mm high overall	No	30	650,000	19,500,000
C	Top hung window size 900x900 mm with 300mm vent	No	19	300,000	5,700,000
	TOUCH UP PRIMER, prepare and apply two undercoats and one finishing coat gloss oil paint on:-				
D	Metal surfaces PREPARE AND APPLY THREE coats polyurethane clear varnish ; in accordance with manufacturers instructions; on wood ; to	sm	196	9,000	1,764,000
E	Surface 200 - 300mm girth	lm	514	5,000	2,570,000
F	Architraves ditto	lm	514	5,000	2,570,000
G	Timber door surfaces ditto	SM	204	9,000	1,836,000
Total Carried to collection					38,860,000

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	ELEMENT NO. 7				
	EXTERNAL FINISHES				
	WALL FINISHES				
	TYROLEAN CEMENT AND WASHED SAND (1:2) sprayed onto				
A	10mm thick three layer work to walls and including 13mm cement and sand (1:3) base	sm	370	15,000	5,550,000
	CEMENT AND WASHED SAND (1:3) RENDER trowelled smooth				
B	19mm thick three layer work to walls	sm	370	15,000	5,550,000
C	Ditto to concrete surfaces	sm	182	15,000	2,730,000
D	Sides of floor pots	sm	20	15,000	300,000
E	Copings and parapet walls	SM	56	15,000	840,000
	PAINTING AND DECORATING				
	Supplying and applying of one under coat and two finishing coats of RITVER weather guard emulsion Paint to;				
F	Tyrolean rendered wall surfaces	sm	370	9,000	3,330,000
G	concrete surfaces	sm	182	9,000	1,638,000
H	Sides of floor pots	sm	20	9,000	180,000
I	Copings and parapet walls	SM	56	9,000	504,000
	SPLASH APRON				
	PRECAST CONCRETE CLASS 20 finished fair on all exposed surfaces including bedding, jointing and pointing in cement and sand (1:4)				
J	50mm paving slabs in 600 x 600mm panels laid with straight broken joints in both directions on and including a 50mm thick sand bed	SM	60	80,000	4,800,000
	STORM DRAIN				
K	300mm wide x 300mm deep (internal) drainage channel comprising ; 700 x 150mm thick reinforced concrete class 20 base ; 150mm thick VRC class 20 sides ; 400mm wide grating in 1000mm lengths comprising 50 x 50 x 4mm RSA cast into concrete walls : 50 x 50 x	lm	94	35,000	3,290,000
Total Carried to collection					28,712,000

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	ELEMENT NO. 8				
	INTERNAL FINISHES				
	WALL FINISHES				
	<u>CEMENT AND SAND (1:4) SCREEDS FINISHED TO receive wall tiles</u>				
A	12mm thick wall screed to receive tiles	sm	150	15,000	2,250,000
	<u>INTERNAL LIME PLASTER first coat of cement lime and sand (1:2:9) second coat of cement lime putty and sand (1:1:6) steel trowelled smooth</u>				
B	12mm thick two coat work to walls	sm	321	15,000	4,815,000
C	Ditto but to concrete surface	sm	850	15,000	12,750,000
	<u>300x250 x 6mm ceramic wall tiles and bedding and pointing in approved waterproof grout: to</u>				
D	walls	lm	135	55,000	7,425,000
E	Extra over for rounded edge top	lm	30	15,000	450,000
F	Extra over for corner strip	lm	60	8,000	480,000
	<u>Painting and decorating</u>				
	<u>prepare and apply one mist coat and three coats silk vinyl emulsion paint internally on:</u>				
G	Plastered surfaces	sm	980	9,000	8,820,000
	FLOOR FINISHES				
	<u>CEMENT SAND (1:4) SCREED finished smooth (First floor)</u>				
H	20mm thick screed; to receive floor tiles	sm	338	60,000	20,280,000
	<u>400x400x6mm th. Porcelain floor tiles bedded and jointed in approved adhesive - pointed with approved colored cement.</u>				
I	Floors (first floor)	sm	275	65,000	17,875,000
J	100x100x6mm thick skirting above the material	lm	246	20,000	4,920,000
	<u>250x250x10mm th. clay floor slates bedded and jointed in approved adhesive - pointed with approved colored cement.</u>				
K	Terrace floors	sm	73	70,000	5,110,000
	Ground floor finishes coloured Terrazzo: laid on concrete				
L	30 mm thick cement sand screed to receive floor trips	SM	378	15,000	5,670,000
M	25 mm coloured and polished terrazzo	SM	378	80,000	30,240,000
N	Ditto ramp	SM	65	80,000	5,200,000
O	25x100 mm skirting with square top edge and coved junction at bottom of paving	M	300	20,000	6,000,000
	Steel Balustrading				
	Horizontal mild steel balustrades 1000mm comprising 40x40x1.2mm top and bottom rails cast into concrete, 20x20x1.2mm balusters at 125mm c/c spacing all to Architects detail to;				
P	Slopping ramp	M	37	150,000	5,550,000
Q	Stair case	M	15	150,000	2,250,000
	CONCRETE WORKTOP				
R	900mm high concrete work top, complete with formwork, 75mm concrete, 10mm steel bars at 200c/c both ways, finished with ceramic tiles, including work top doors, shelves and iron mongary, all to approval	LM	14	500,000	7,000,000
	Ceiling				
	<u>Internal cement and sand (1:4) steel trowelled as described</u>				
S	19mm two coat work to soffittes of suspended slabs	sm	252	15,000	3,780,000
T	75 x 75mm cornice	lm	201	7,000	1,407,000
	<u>Metal lath plaster ceiling comprising : 75 x 50mm sawn soft wood framing at 600mm center both ways with 100 x 50mm joists at 600mm centers both ways ; metal wire lathing nailed on to frame work; 10mm thick mass concrete class 10 on to of lathing including</u>				
U	Ceiling	sm	106	40,000	4,240,000
V	75 x 75mm cornice	lm	94	7,000	658,000
W	Extra over for 600 x 600mm trap door	No	2	50,000	100,000
	<u>prepare and apply one mist coat and three coats silk vinyl emulsion paint internally on:</u>				
X	Ceiling surfaces	SM	358	9,000	3,222,000
Y	Cornice	lm	295	5,000	1,475,000
	Total Carried to collection				161,967,000

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL

Item No	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	<u>COLLECTION</u>				
1	<u>ELEMENT NO. 1 SUB-STRUCTURE</u>				164,328,600
2	<u>ELEMENT NO. 2 REINFORCEMENT CONCRETE FRAME</u>				181,027,800
3	<u>ELEMENT NO. 3 WALLING</u>				46,957,000
4	<u>ELEMENT NO. 4 ROOF AND RAINWATER DISPOSAL</u>				46,981,100
5	<u>ELEMENT NO. 5 DOORS</u>				48,525,000
6	<u>ELEMENT NO. 6 WINDOWS</u>				38,860,000
7	<u>ELEMENT NO. 7 EXTERNAL FINISHES</u>				28,712,000
8	<u>ELEMENT NO. 8 INTERNAL FINISHES</u>				161,967,000
	Total Carried to Grand Summary				717,358,500

PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY HOSPITAL					
DESCRIPTION: MECHANICAL AND EXTERNAL WORKS					
Item	Item Description	Unit	Qty.	Unit Rate Ushs.	Amount Ushs.
	Manholes				
E	Drop manholes 600 x 600 mm deep (internal) comprising : 75mm thick mass concrete class 20 base : 150mm solid clay block walls: b with medium duty manhole cover : 12mm internal render to base and walls	No	8	150,000	1,200,000
F	300 x 300 gulley traps	No	10	50,000	500,000
	MECHANICAL INSTALLATION				
	supply and fix the following				
G	Counter top wash hand basin complete with tap and chain stay holes	No	14	300,000	4,200,000
H	Shower stick and rose made from ordinary piping	No	5	150,000	750,000
I	Viterous China squatting W.C pan complete including fixing pan to floor cistern to wall with screws and plags	No	8	350,000	2,800,000
J	Ditto sitting WC	No	7	400,000	2,800,000
K	Urinal bowels complete with cisterns	No	2	350,000	700,000
L	Stainless steel kitchen sink, size 1500 x 550mm double bowel, single tray, complete with long neck tap	No	1	450,000	450,000
M	Locally obtained towel rail	No	5	63,000	315,000
N	Locally obtained mirror size 450 x 600mm high	No	14	52,500	735,000
O	Allow the provisional sum water supply and drainage pipe work	item	1	5,000,000	5,000,000
	Water storage tank				
P	Provide and install 3000 litres capacity polyfibre tank and cover complete with a 20mm ball valve including all necessary fittings and fixings	No	1	1,500,000	1,500,000
Q	Supply and fix 12.5m water tank stands	No	1	2,000,000	2,000,000
R	Gate valves	No	4	50,000	200,000
S	Soak pit overall internal size 1000mm diameter x 1000mm deep comprising rubble stone filling 150mm diameter agricultral clay drain pipe in trench	No	1	800,000	800,000
T	Septic tank overall size 2000 x 1200 x 2000mm high	No	1	6,500,000	6,500,000
	Manholes				
E	Drop manholes 600 x 600 mm deep comprising : 75mm thick mass concrete class 20 base : 150mm solid clay block walls: b with medium duty manhole cover : 12mm internal render to base and walls	No	8	150,000	1,200,000
F	300 x 300 gulley traps	No	10	50,000	500,000
	Carried to Summary				32,150,000

Item No	Item Description	Unit	Qty.	Rate Ushs.	Amount Ushs.
PROPOSED CONSTRUCTION OF LECTURE THEATER AT C.O.U COMMUNITY HOSPITAL					
	COLLECTION				
	ELECTRICAL INSTALLATION				
	LOW VOLTAGE SWITCHGEAR				
A	40A 7-Way Low Voltage TPN MCB-type main switch as per drawings and all accessories	No	1	1,000,000	1,000,000
	Main LV Power Reticulation Cabling: The unit of measure shall comprise the supply, delivery, proper storage and erection of a single unit of specified conductor or termination equipment Notice:				-
					-
B	4x35mm ² XLPE/SWA/PVC copper cable in trench from load transfer switch to main distribution board (MDB) in accordance with the drawings.	m	7	25,000	175,000
					-
C	5x 10mm ² XLPE/PVC copper cable in concealed PVC conduit from main distribution board (MDB) to distribution boards in accordance with the drawings.	M	16	25,000	400,000
					-
					-
	INTERNAL AND EXTERNAL WIRING AND FITTINGS				
D	Ceiling pendant c/w lampholder with BC base, 18W CFL all to approved manufacture	No.	45	20,000	900,000
E	Bulkhead light fitting c/w lampholder with BC base and 1x26W and all accessories to approved manufacture for external lighting	No.	8	70,000	560,000
	Ditto but circular to shower rooms	No	22	70,000	1,540,000
F	1200x26W florescent lamps holder and fitting	No	30	100,000	3,000,000
	WIRING ACCESSORIES				-
G	switches c/w flush mounting box, and 1-Gang 1-Way white moulded plate accessories	No.	20	15,000	300,000
H	ditto but 2-Gang 1-Way Switch	No.	10	20,000	200,000
					-
I	13A SP 2-Gang white moulded plate switched socket outlets c/w approved equivalent. neon indicator and flush mounting box,	No.	35	25,000	875,000
					-
	WIRING				
	Lighting Points				
J	All wiring of lighting points are to be connected complete and ready from 2A SP miniature circuit breakers of respective consumer unit, using 1.5mm sq. PVC-Insulated single core copper cables drawn in uPVC flush installed conduits, through switches, and as per drawings.	No.	83	80,000	6,640,000
					-
	Power points:				-
K	All wiring of all power points are to be connected complete and ready from 10A SP miniature circuit breakers of respective consumer unit, using 2.5mm sq. PVC-Insulated single core copper cables in ring circuit, drawn in PVC flush installed conduits, as per drawings.	No.	35	100,000	3,500,000
					-
	Lightening Protection				
L	Allow for installation of lightening arestor	Item	2	2,000,000	4,000,000
					-
	Carried to Grand Summary				23,090,000

PROPOSED CONSTRUCTION OF GENERAL WARD AND DINING AT C.O.U COMMUNITY

Item	Description	Unit	Qty	Rate	Amount
	EXTERNAL WORKS				
	ELEMENT NO.1 STONE PITCHING				
A	Allow a provisional sum for scaffolding	Sum	1	1,000,000	1,000,000
B	Excavate to level and dispose the excavated material away from site in an average haulage distance of 1km	CM	3833	10,000	38,330,000
C	Excavate to slope vertical surface to 60 deg. Average angle to the horizontal to receive stone pitching	CM	338	15,000	5,070,000
D	Excavate 700mm wide x600mm deep trench for stone pitching strip foundation	CM	12	15,000	180,000
E	Return fill and ram excavated material	CM	0	7,000	-
F	150mm insitute plain concrete, concrete class 20 in strip foundation	CM	4	450,000	1,800,000
G	230mm stone pitching laid to slope, bedded and jointed in cement and sand mortar (1:3), including 40mm Pvc wheep pipes laid at 3M c/ c horizontally and 1.5M c/c vertically	SM	250	65,000	16,250,000
H	230x300mm reinforced concrete Class 20, mechanically vibrated in beams	CM	4	450,000	1,800,000
I	Ditto in columns 230x230mm	CM	5	450,000	2,250,000
J	Sawn form work to the sides of beams and columns	SM	56	21,000	1,176,000
K	T12 high tensile steel reinforcement bars (4No in a beams and columns)	Kg	560	4,800	2,688,000
L	R8 mild steel stirrups at 200c/c spacing ditto	Kg	320	4,800	1,536,000
	FINISHES				
M	Joint finishin in cement and sand (1:3) finished smooth	SM	250	9,000	2,250,000
N	20mm cement and sand render (1:3) to beams and column surfaces	SM	56	9,000	504,000
	PAINTING				
	<u>Scrap the joints, wash the surfaces clean off debris, prepare and apply three coats of weather guard paint white and black to:</u>				
O	Stone pitched surfaces	SM	250	6,000	1,500,000
P	Beam and column surfaces	SM	56	6,000	336,000
Q	50x25mm cement and sand coping (1:3)	LM	42	20,000	840,000
	Sub total carried to the next page				77,510,000

Item	Description	Unit	Qty	Rate	Amount
	Sub total carried forward from previous page				77,510,000
R	Prepare and paint three coats of weather guard paint to coping	LM	42	5,000	210,000
	<u>DRAINAGE CHANNEL</u>				
S	Excavate drainage channel 400mm wide x 400mm deep, including the necessary disposal of surplus material	LM	52	7,000	364,000
T	230mm stone pitching laid to slope, bedded and jointed in cement and sand mortar (1:3) in drainage channel	SM	68	55,000	3,740,000
U	Steel metal grating made from 40x40x2mm V-angle framing, 16mm high tensile steel bars at 50mm c/c spacing cross sections complete with necessary painting all to Engineer's approval	LM	18	40,000	720,000
	<u>ELEMENT NO.2 ROOFED WALK WAY</u>				
A	Grade and compact the surface base, lay 125mm hard core including 50mm sand blinding	m ²	60	15,000	900,000
B	100mm insitu plain concrete class 20 in walk way	m ²	60	38,000	2,280,000
C	Sawn form work to edges of walk way	M	120	6,000	720,000
D	10mm expansion joints in concrete walk way slab	M	48	5,000	240,000
E	25mm cement and sand screed (1:3) with a wooden float surface finish	m ²	60	15,000	900,000
	<u>Walk way Roof structure and Roof finishes</u>				
F	50x100mm wall plate	M	120	3,500	420,000
G	50x100mm tie beam	M	28	3,500	98,000
H	50x100mm rafters	M	66	3,500	231,000
I	50x100mm purlins	M	132	3,500	462,000
J	50x100 ties and struts	M	56	3,500	196,000
K	30 Gauge prepainted iron sheets	m ²	120	35,000	4,200,000
L	225x25mm fascia boards	m	62	10,000	620,000
	<u>Roof structure Steel Supports</u>				
				80,000	1,920,000
M	50mm diameter galvanised steel support pipes at 2800mm c/c spacing, 2800mm high anchored in plain concrete including the necessary earth works and supporting brackets	No	24		
N	Prepare and paint in three coats of super gloss paint to steel pipes	M	68	3,500	238,000
O	Ditto but weather guard paint to fascia boards	m	62	3,500	217,000
	<u>Drainage Channel</u>				
P	Construct 300mm wide x 300mm deep brick masonry drainage channel with 75mm concrete bed finished with 20mm cement and sand with steel float finish	M	60	25,000	1,500,000
	Sub total carried to the next page				97,686,000

Item	Description	Unit	Qty	Rate	Amount
	Sub total carried forward from previous page				97,686,000
	ELEMENT NO. 3 PARKING YARD PAVING				
A	Prepare excavated surface to required gradient and compact to get a firm base	sm	350	5,000	1,750,000
B	Spread 50mm sand blind base to receive precast pavers	sm	350	5,000	1,750,000
C	Lay 60mm thick precast pavers on levelled, blinded surface to a required gradient	sm	350	45,000	15,750,000
D	Lay 900mm long x150mmdeepx75mm thick precast kerbs inclusive of concrete haunching to sides of paved surface.	lm	65	25,000	1,625,000
E	Prepare and apply two coats of weather guard paint black and white to kerbs	lm	65	5,000	325,000
	TOTALEXTERNAL WORKS CARRIED TO SUMMARY				118,886,000

**PROPOSED GENERAL WARD AND DINING AT C.O.U-BWINDI COMMUNITY
HOSPITAL**

**BILLS OF QUANTITIES
GRAND SUMMARY**

BILL NO.	DESCRIPTION	AMOUNT (Ushs)
1	Demolition and Preliminaries	23,200,000
2	Civil Works	717,358,500
3	Electrical Works	23,090,000
4	Mechanical Installation	32,150,000
5	External Works	118,886,000
SUB - TOTAL		914,684,500
	ADD 5% CONTIGENCY	45,734,225
GRAND TOTAL		960,418,725